

Tallinna Tehnikaülikooli Raamatukogu
ISSN 2461-405X

TALLINNA TEHNIKAÜLIKOOI PUBLIKATSIOONID 2019

Tallinn 2020

TALLINNA TEHNIKAÜLIKOOLI
PUBLIKATSIOONID
2019

Koostanud: Janelle Kirss

Autoriõigus: TalTech Raamatukogu

ISSN: 2461-405X

SISUKORD

<u>SAATEKS</u>	5
<u>INFOTEHNOLOOGIA TEADUSKOND</u>	6
<u>Raamatud</u>	6
<u>Artiklid</u>	8
<u>INSENERITEADUSKOND</u>	28
<u>Raamatud</u>	28
<u>Artiklid</u>	36
<u>LOODUSTEADUSKOND</u>	78
<u>Raamatud</u>	78
<u>Artiklid</u>	80
<u>MAJANDUSTEADUSKOND</u>	100
<u>Raamatud</u>	100
<u>Artiklid</u>	102
<u>EESTI MEREAKADEEMIA</u>	116
<u>Raamatud</u>	116
<u>Artiklid</u>	116
<u>MUUD VÄLJAANDED</u>	119
<u>Raamatud</u>	119
<u>Artiklid</u>	119
<u>AUTORITE REGISTER</u>	121

SAATEKS

Käesolev publikatsioonide nimestik on koostatud Tallinna Tehnikaülikooli publikatsioonide andmebaasi PUBL ja Eesti Teadusinfosüsteemi ETIS sisestatud andmete alusel.

Publikatsioonid on esitatud teaduskondade kaupa ja teaduskondade lõikes alfabeetilises järjestuses. Esmalt on esitatud ladina, seejärel slaavi tähestikus tööd. Kui publikatsiooni autorid kuuluvad erinevate teaduskondade alla, siis on artikkel paigutatud esimese autori kuuluvuse järgi. Kui esimene autor kuulub ise mitme teaduskonna alla, siis on lähtutud teiste autorite kuuluvusest, artikli teemast või autori ETISes märgitud teaduskonnast. Muude väljaannete all on toodud üleülikooliliselt ilmunud raamatud ja valikuliselt artikleid. Iga publikatsioon esineb väljaandes üks kord.

Bibliograafia kasutamist hõlbustab publikatsioonide autorite register.

1. Artemtšuk, I. Robust PID controller design for continuous-time systems via reduced routh parameters = Pidevaja süsteemide robustse PID kontrolleri süntees taandatud Routh parameetrite kaudu. Tallinn : TalTech Press, 2019. 110 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 45/2019).
2. Astra, E. Transmission fiber nonlinearity mitigation in optical communication links using phase-sensitive parametric amplifiers = Edastusfiibri mittelineaarsete mõjutuste vähendamine optilistes sidesüsteemides faasitundlike parameetriliste võimendite abil. Tallinn : TalTech Press, 2019. 172 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 57/2019).
3. Berryhill, J., Kok Heang, K., Clogher, R., McBride, K. Hello, World : artificial intelligence and its use in the public sector [Online resource]. [S.l.] : OECD, 2019. 184 p. : ill. (OECD Working Papers on Public Governance ; 36).
4. Blumbergs, B. Specialized cyber red team responsive computer network operations = Vastutegevusele orienteeritud punase meeskonna küberoperatsioonid. Tallinn : TalTech Press, 2019. 215 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 25/2019).
5. Erlenheim, R. Designing proactive public services = Proaktiivsete avalike teenuste disainimine. Tallinn : TalTech Press, 2019. 227 lk. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 47/2019).
6. Fuentes-Pérez, J. F. Flow sensing with pressure sensor-based artificial lateral lines : from the laboratory to the field = Veevoolu tajumine rõhusensoritel baseeruvate küljejooneanduritega : laborist välikatseteni. Tallinn : TTÜ Press, 2019. 169 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 19/2019).
7. Halling, E. Scenario oriented model-based testing = Stsenariumjuhitud mudelipõhine testimine. Tallinn : TTÜ Press, 2019. 187 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 17/2019).
8. Hariharan, R. Cost-effective concurrent hardware checkers for network on chip based system on chip = Kulutõhusad süsteemiga paralleelsed rikkemonitorid kiipvõrkudel põhinevatele kiipsüsteemidele. Tallinn : TalTech Press, 2019. 140 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 43/2019).
9. IT-teaduskond : bakalaureuseõppekavad 2019/2020. [Tallinn] : Tallinna Tehnikaülikool, [2019]. 19 lk. koos sisekaanega : ill.
10. Kerttunen, M., Tikk, E. Strategically normative. Norms and principles in national cybersecurity strategies. [S.l.] : EU Cyber Direct, 2019. 28 p. : ill. (Research in focus).
11. Kõusaar, J. Methods for improving the accuracy and efficiency of fault simulation in digital systems = Meetodid digitaalsüsteemide rikete simuleerimise täpsuse ja efektiivsuse tõstmiseks. Tallinn : TTÜ Press, 2019. 134 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 16/2019).
12. Lorenz, B., Osula, K., Leet, M., Eomäe, T., Kirna, C. KüberPähkel uuring : jaanuar 2019. [Tallinn], 2019. [20] lk. : tab.

13. Mahunnah, M. R. Simulation and prototyping of sociotechnical systems using agent-oriented modelling = Sotsiotehniliste süsteemide simulatsioon ja prototüüpimine kasutades agentorienteeritud modelleerimist. Tallinn : TTÜ Press, 2019. 198 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 9/2019).
14. Marenkov, J. Automatic implementation-time usability evaluation for web user interfaces = Veebi kasutajaliidese kasutatavuse automaatne hindamine realiseerimisfaasis. Tallinn : TalTech Press, 2019. 150 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 40/2019).
15. Mohammad, I. Development of room temperature secondary fluoride ion batteries = Toatemperatuursete fluoriidioon akude väljaarendamine. Tallinn : TalTech Press, 2019. 108 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 27/2019).
16. Nurmi, J., Ellervee, P., Halonen, K., Röning, J. (eds.). 2019 IEEE Nordic Circuits and Systems Conference (NORCAS) : NORCHIP and International Symposium of System-on-Chip (SoC), 29-30 October 2019, Helsinki, Finland : proceedings in IEEE Xplore. Danvers : IEEE, c2019.
17. Osula, A-M., Maennel, O.M. (eds.). Proceedings of the 5th Interdisciplinary Cyber Research Conference 2019 : 29th of June 2019, Tallinn University of Technology [Online resource]. Tallinn : Tallinn University of Technology, Department of Software Science, 2019. 91 p. : ill.
18. Praust, V. (koost.). Eesti mõisad : reisijuht : 674 mõisat üle Eesti. Tartu : Regio, c2019. 184 lk : fot.
19. Rinke, T., Kivirand, K. (eds.). Biosensors for environmental monitoring London : IntechOpen, c2019.
20. Sõmer, T., Lorenz, B., Mäses, S., Muulmann, T.; (toim.) Lorenz, B. Küberkaitse [Võrguteavik]. Tallinn : Eesti NATO Ühing, TalTech, Eesti Informaatikaõpetajate Selts, Kehtna Kutsehariduskeskus, 2019.
21. Sõõru, E. Mismatch of sleep and work arrangements among research and development employees and personalisation of sleep studies = Teadus- ja arendustöötajate une ja töökorralduse ebakõlad ning uueuringute personaliseerimine. Tallinn : TalTech Press, 2019. 106 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 48/2019).
22. Tsiopoulos, L. (ed.). 14th IFAC Symposium on Analysis, Design, and Evaluation of Human Machine Systems HMS 2019, Tallinn, Estonia, 16-19 September 2019 : proceedings. [S.l.] : IFAC (International Federation of Automatic Control), c2019. i-vii, 376 p. (IFAC Proceedings Volumes (IFAC-PapersOnline) ; vol. 52, 19).
23. Ulp, S. Algorithms for learning and adaptation over networks - distributed leader selection = Õppimisalgoritmid hajutatud võrkude tarbeks - juhtsõlme hajus valimine. Tallinn : TTÜ Press, 2019. 98 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 14/2019).
24. Uustalu, T., Vain, J. (eds.). 31st Nordic Workshop on Programming Theory, NWPT 2019, Tallinn, Estonia, 13-15 November 2019 : abstracts [Online resource]. Tallinn : Department of Software Science, Tallinn University of Technology, c2019. vii, 88 p. : ill.
25. Võhandu, L., Kuusik, R., Lind, G. Monotoonsed süsteemid ja nende rakendused [Võrguteavik]. Tallinn : Tallinna Tehnikaülikool, [2019]. 90 lk

26. Abdellatif, S., Ben Hassine, M.A., Ben Yahia, S. Novel interestingness measures for mining significant association rules from imbalanced data // Web, Artificial Intelligence and Network Applications : proceedings of the Workshops of the 33rd International Conference on Advanced Information Networking and Applications (WAINA-2019). Cham : Springer Nature Switzerland AG, 2019. (Advances in intelligent systems and computing ; 927).
27. Abodei, E., Norta, A., Azogu, I., Udokwu, C., Draheim, D. Blockchain technology for enabling transparent and traceable government collaboration in public project processes of developing economies // Digital Transformation for a Sustainable Society in the 21st Century 18th IFIP WG 6.11 : Conference on e-Business, e-Services, and e-Society, I3E 2019 Trondheim, Norway, September 18-20, 2019 : proceedings. Cham : Springer, c2019. p. 464-475. (Lecture notes in computer science ; 11701, Information Systems and Applications, incl. Internet/Web, and HCI ; 11701).
28. Adoberg, A., Leis, L., Uhlin, F., Arund, J., Fridolin, I. et al. Combined displacer-enhanced removal of protein-bound uremic toxins estimated in spent dialysate // Kidney International Reports (2019) vol. 4, 7, art.: MON-105 ; p. S347.
29. Ahman, D., Uustalu, T. Decomposing comonad morphisms // 8th Conference on Algebra and Coalgebra in Computer Science : CALCO 2019, University College London, United Kingdom, 3-6 June 2019. Saarbrücken/Wadern : Dagstuhl Publishing, 2019. art. 14 ; 20 p. (Leibniz international proceedings in informatics (LIPIcs) ; 139).
30. Alagoz, B.B., Tepljakov, A., Petlenkov, E. et al. Time-domain identification of one noninteger order plus time delay models from step response measurements // International journal of modeling, simulation, and scientific computing (2019) vol. 10, 1, art. 1941011, 22 p. : ill.
31. Alexander, A., Kruusmaa, M., Tuhtan, J. A., Hodson, A. J. et al. Sensing drifters for glacial hydrology measurements // Svalbard Science Conference 2019 : book of abstracts. [S.l.] : [The Research Council of Norway], 2019. p. 50.
32. Allik, A., Pilt, K., Karai, D., Fridolin, I., Leier, M., Jervan, G. Classification algorithm improvement for physical activity recognition in maritime environments // World Congress on Medical Physics and Biomedical Engineering 2018 : June 3-8, 2018, Prague, Czech Republic (Vol. 3). Singapore : Springer Nature Singapore Pte Ltd, 2019. p. 13-17. (IFMBE proceedings ; 68/3).
33. Allik, A., Pilt, K., Karai, D., Fridolin, I., Leier, M., Jervan, G. Optimization of physical activity recognition for real-time wearable systems : effect of window length, sampling frequency and number of features // Applied sciences (2019) vol. 9, 22, art. 4833, 14 p. : ill.
34. Alumäe, T., Meister, E. Kõnetehnoloogia- ja foneetikauuringutest Tallinna Tehnikaülikoolis // Teadusmõte Eestis (X). Tehnikateadused. 3 : [artiklikogumik]. Tallinn : Argo, 2019. lk. 7-20 : ill. (Teadusmõte Eestis ; 10).
35. Ambroziak, L., Simha, A., Pawluszewicz, E., Kotta, Ü. et al. Motor failure tolerant control system with self diagnostics for unmanned multirotors // 2019 24th International Conference on Methods and Models in Automation and Robotics (MMAR). [S.l.] : IEEE, 2019. p. 422-427 : ill.
36. Arestedt, L., Martinsson, C., Hjelm, C., Uhlin, F. et al. Patient participation in dialysis care - A qualitative study of patients' and health professionals' perspectives // Health expectations (2019) vol. 22, 6, p. 1285-1293.
37. Arund, J., Adoberg, A., Leis, L., Luman, M., Uhlin, F., Fridolin, I. et al. Optical on-line monitoring of a displacer-chromophore administration during a dialysis treatment // Kidney International Reports (2019) vol. 4, 7, p. S340-S341.
38. Astra, E., Eliasson, H., Ruuben, T., Andrekson, P.A. Improved mitigation of self-phase modulation induced impairments in 28 GBaud phase-sensitive amplified links // Optics express (2019) vol. 27, 4, p. 4304-4316 : ill.
39. Astrova, I., Koschel, A., Heine, F., Kalja, A. Moving Hadoop to the Cloud for Big Data Analytics // Databases and information systems X : selected papers from the thirteenth International Baltic Conference, DB&IS 2018. Amsterdam : IOS Press, 2019. p. 195-209. (Frontiers in artificial intelligence and applications ; 315).

40. Azad, S.P., Jervan, G., Sepulveda, J. Dynamic and distributed security management for NoC Based MPSoCs // Computational Science - ICCS 2019: 19th International Conference, Faro, Portugal, June 12-14, 2019 : proceedings, Part II. Cham : Springer, c2019. p. 649-662 : ill. (Lecture notes in artificial intelligence ; 11537).
41. Azad, S. P., Tempelmeier, M., Jervan, G., Sepulveda, J. CAESAR-MPSoC : dynamic and efficient MPSoC security zones // 2019 IEEE Computer Society Annual Symposium on VLSI : ISVLSI 2019 : proceedings. [S.l.] : IEEE, 2019. p. 477-482 : ill.
42. Azogu, I., Norta, A., Pappel, I., Longo, J., Draheim, D. A Framework for the adoption of blockchain technology in healthcare information management systems : a case study of Nigeria // Proceedings of the 12th International Conference on Theory and Practice of Electronic Governance (ICEGOV'19), Melbourne, Australia, April 3-5, 2019. New York : Association for Computing Machinery, 2019. p. 310-316 : ill.
43. Ates, A., Alagoz, B. B., Tepljakov, A., Petlenkov, E. et al. Fractional order model identification of receptor-ligand complexes formation by equivalent electrical circuit modeling // 2019 International Artificial Intelligence and Data Processing Symposium (IDAP). [S.l.] : IEEE, 2019. 5 p.
44. Avots, E., Sapinski, T., Bachmann, M., Kaminska, D. Audiovisual emotion recognition in wild // Machine Vision and Applications (2019) vol. 30, p. 975-985 : ill.
45. Bagbaba, A. C., Jenihhin, M., Raik, J., Sauer, C. Efficient fault injection based on dynamic HDL slicing technique // 2019 IEEE 25th International Symposium on On-Line Testing and Robust System Design (IOLTS 2019) : 1-3 July 2019, Greece. Piscataway : IEEE, c2019. p. 52-53 : ill.
46. Bahsi, H., Dieves, V., Kangilaski, T., Mõtus, L., Priisalu, J., Täks, E., Tammpuu, P., Taveter, K. et al. Mapping the information flows for the architecture of a nationwide situation awareness system : (Poster) // Proceedings 2019 IEEE International Conference on Cognitive and Computational Aspects of Situation Management (CogSIMA) : Las Vegas, NV, USA, 8-11 April 2019. Danvers : IEEE, 2019. p. 152-157.
47. Balakrishnan, A., Lange, T., Glorieux, M., Alexandrescu, D., Jenihhin, M. Modeling gate-level abstraction hierarchy using graph convolutional neural networks to predict functional de-rating factors // 2019 NASA/ESA conference on adaptive hardware and systems AHS 2019 : proceedings. : IEEE, 2019. p. 72-78 : ill.
48. Balakrishnan, A., Lange, T., Glorieux, M., Alexandrescu, D., Jenihhin, M. The validation of graph model-based, gate level low-dimensional feature data for machine learning applications // 2019 IEEE Nordic Circuits and Systems Conference (NORCAS) : NORCHIP and International Symposium of System-on-Chip (SoC), 29-30 October 2019, Helsinki, Finland : proceedings in IEEE Xplore. Danvers : IEEE, 2019. 7 p.
49. Banach, M., Bruckert, E., Descamps, O.S., Viigimaa, M. et al. The role of red yeast rice (RYR) supplementation in plasma cholesterol control: A review and expert opinion // Atherosclerosis supplements (2019) vol. 39, p. e1-e8 : ill.
50. Bartosiewicz, Z., Belikov, J., Kotta, Ü., Wyrwas, M. State feedback linearization of nonlinear control systems on homogeneous time scales // Nonlinear analysis: hybrid systems (2019) vol. 31, p. 69-85.
51. Belikov, J., Kaldmäe, A., Levron, Y. An Extended flatness-based controller for permanent magnet synchronous machines incorporating an event-based mechanism // 2019 27th Mediterranean Conference on Control and Automation (MED). [S.l.] : IEEE, 2019. p. 416-421 : ill.
52. Biyabani, S., Khan, R., Alam, M.M. et al. Energy efficiency evaluation of linear transmitters for 5G NR wireless waveforms // IEEE transactions on green communications and networking (2019) vol. 3, 2, p. 446 - 454 : ill.
53. Blumbergs, B. Remote exploit development for cyber red team computer network operations targeting industrial control systems // Proceedings of the 5th International Conference on Information Systems Security and Privacy : ICISSP 2019 : February 23-25, 2019, Prague, Czech Republic. Vol. 1. : SciTePress, 2019. p. 88-99 : ill.
54. Blumbergs, B., Ottis, R., Vaarandi, R. Crossed swords: a cyber red team oriented technical exercise // Proceedings of the 18th European Conference on Cyber Warfare and Security, University of Coimbra Portugal, 4-5th July 2019. : Academic Conferences and Publishing International Limited, 2019. p. 37-44.

55. Blumbergs, B., Ottis, R., Vaarandi, R. A cyber red team oriented technical exercise // Abstracts and conference materials for the 18th European Conference on Cyber Warfare and Security, University of Coimbra Portugal, 4-5th July 2019. : ACPI, 2019. p. 10-11.
56. Bouasker, S., Ben Yahia, S., Diallo, G. An insight into biological datamining based on rarity and correlation as constraints // SAC '19 : proceedings of the 34th ACM/SIGAPP Symposium on Applied Computing. New York : Association for Computing Machinery, 2019. p. 3-10 : ill.
57. Branco, P., Fuentes-Pérez, J., Eckert, M., Tuhtan, J., Kruusmaa, M. et al. Ecohydraulics of non-uniform flows in Vertical Slot Fishways // Riverine landscapes as coupled socio-ecological systems : 6th biennial Symposium of the International Society for River Science : book of abstracts. [Vienna] : International Society for River Science, 2019. p. 183.
58. Brocken, E., Hartveld, A., Koning, E., Robal, T. et al. Bing-CF-IDF+ : a semantics-driven news recommender system // Advanced Information Systems Engineering : 31st International Conference, CAiSE 2019, Rome, Italy, June 3-7, 2019 : proceedings. Cham : Springer, 2019. p. 32-47. (Lecture notes in computer science ; 11483).
59. Buldas, A., Firsov, D., Laanoja, R., Lakk, H., Truu, A. A New approach to constructing digital signature schemes // Advances in Information and Computer Security : 14th International Workshop on Security, IWSEC 2019, Tokyo, Japan, August 28-30, 2019 : proceedings. Cham : Springer, c2019. p. 363-373. (Lecture notes in computer science ; 11689).
60. Buldas, A., Gadyatskaya, O., Lenin, A., Mauw, S., Trujillo-Rasua, R. Attribute evaluation on attack trees with incomplete information : a preprint // arXiv.org (2019) arXiv:1812.10754, 21 p. : ill.
61. Çalışkan, E., Vaarandi, R., Lorenz, B. Improving learning efficiency and evaluation fairness for cyber security courses : a case study // Intelligent Computing : Proceedings of the 2019 Computing Conference. Volume 2. Cham : Springer Nature Switzerland AG, c2019. p. 622-638. (Advances in intelligent systems and computing ; 998).
62. Capobianco, S. Fekete's lemma for componentwise subadditive functions of two or more real variables // arXiv.org (2019) arxiv:1904.10507 [math.CA], 20 p. : ill.
63. Castillon Del Mar, J.R. Automated photo categorization for digital forensic analysis using a machine learning-based classifier // Proceedings of the 5th Interdisciplinary Cyber Research Conference 2019 : 29th of June 2019, Tallinn University of Technology. Tallinn : Tallinn University of Technology, Department of Software Science, 2019. p. 82-84.
64. Chaves, C. G., Azad, S. P., Hollstein, T., Sepulveda, J. DoS attack detection and path collision localization in NoC-based MPSoC architectures // Journal of low power electronics and applications (2019) vol. 9, 1, art. 7, 20 p. : ill.
65. Chaves, C. G., Payandeh Azad, S., Hollstein, T., Sepulveda, J. Diagnosing DoS attacks in NoC-based MPSoCs // Testmethoden und Zuverlässigkeit von Schaltungen und Systemen, TUZ 2019. [S.l.], 2019. p. [39-41].
66. Chen, J., Tepļakov, A., Petlenkov, E. et al. Stabilization and stability robustness of coupled non-constant parameter time fractional PDEs // IEEE Access (2019) vol. 7, p. 163969 - 163980 : ill.
67. Chorowski, J.K., Chen, N., Alumäe, T. et al. Unsupervised neural segmentation and clustering for unit discovery in sequential data // Workshop on Perception as Generative Reasoning, NeurIPS 2019, Vancouver, Canada., 2019. 7 p. : ill.
68. Costa, M.J., Fuentes-Perez, J.F., Boavida, I., Tuhtan, J.A. et al. Fish under pressure : Examining behavioural responses of Iberian barbel under simulated hydropeaking with instream structures // PLoS ONE (2019) vol. 14, 1, art. e021111525, 25 p. : ill.
69. Damljanovic, A., Squillero, G., Gürsoy, C. C., Jenihhin, M. On NBTI-induced aging analysis in IEEE 1687 reconfigurable scan networks // VLSI-SoC 2019 : 27th IFIP/IEEE International Conference on Very Large Scale Integration. Piscataway : IEEE, c2019. p. 335-340 : ill.
70. Damljanovic, A., Jutman, A., Portolan, M., Tšertov, A. et al. Simulation-based equivalence checking between IEEE 1687 ICL and RTL // 2019 IEEE International Test Conference (ITC). [S.l.] : IEEE, 2019. paper. 7.3, 8 p. : ill.
71. Damljanovic, A., Jutman, A., Squillero, G., Tšertov, A. Post-silicon validation of IEEE 1687 reconfigurable scan networks // 2019 IEEE European Test Symposium (ETS) : proceedings. Danvers : IEEE, c2019. 6 p. : ill.

72. Dea, S., Haydon, N. From the experimentalist disposition to the absolute : Peirce's pragmatic naturalism // Responses to naturalism : critical perspectives from idealism and pragmatism. New York ; London : Routledge, Taylor & Francis Group, 2019. p. 167-183.
73. Deval, V., Norta, A. Mobile smart-contract lifecycle governance with incentivized proof-of-stake for oligopoly-formation prevention // 19th IEEE/ACM International Symposium on Cluster, Cloud and Grid Computing : CCGRID2019 : proceedings. Piscataway : IEEE, 2019. p. 165-168 : ill.
74. Dick, G., Jones, J., Wang, J., Rannat, K. et al. GNSS-based water vapor for the global climate observing system // IUGG 2019 : abstract book. [S.l.] : International Union of Geodesy and Geophysics, 2019. [1] p., abstract: IUGG19-0463.
75. Draheim, D. Collective intelligence systems from an organizational perspective // iiWAS2019 : The 21st International Conference on Information Integration and Web-based Applications & Services : proceedings. New York : Association for Computing Machinery, 2019. p. 3-4 : ill.
76. Drenkova-Tuhtan, A. Elimination und Rückgewinnung von Phosphor aus Abwasser mit Hilfe wiederverwendbarer Nanokomposit-Magnetpartike // Wasser 2019 : Jahrestagung der Wasserchemischen Gesellschaft, 27.-29. Mai 2019, Erfurt. Mülheim an der Ruhr : Gesellschaft Deutscher Chemiker, Fachgruppe Wasserchemische Gesellschaft., 2019. S. 29-34 : ill.
77. Drenkova-Tuhtan, A. Elimination und Rückgewinnung von Phosphor aus Abwasser mithilfe wiederverwendbarer Nanokomposit-Magnetpartikel // Vom Wasser (2019) vol. 117, 2, S. 37-40 : ill.
78. Drenkova-Tuhtan, A., Meyer, C., Inskeep, C. et al. Reusable magnetic sorbent materials for advanced wastewater treatment and nutrient recovery // 3rd IWA Resource Recovery Conference : IWA RR2019, Venice (Italy), 08-12 September 2019. [S.l.], 2019. p. 69.
79. Dwivedi, V., Deval, V., Dixit, A., Norta, A. Formal-verification of smart-contract languages : a survey // Advances in Computing and Data Sciences : Third International Conference, ICACDS 2019 : Ghaziabad, India, April 12-13, 2019 : revised selected papers, part II. Singapore : Springer Nature Singapore Pte Ltd, c2019. p. 738-747. (Communications in computer and information science ; 1046).
80. Eckert, M., Fuentes-Pérez, J. F., Tuhtan, J. A., Kruusmaa, M. Effectiveness of Vertical Slot Fishways under experimental non-uniform flows // Riverine landscapes as coupled socio-ecological systems : 6th biennial Symposium of the International Society for River Science : book of abstracts. [Vienna] : International Society for River Science, 2019. p. 195.
81. Eessaar, E., Käosaar, E. On finding model smells based on code smells // Software Engineering and Algorithms in Intelligent Systems : Proceedings of 7th Computer Science On-line Conference 2018, Vol. 1. Cham : Springer Nature Switzerland AG, 2019. p. 269-281. (Advances in intelligent systems and computing ; 763).
82. Eggersgluss, S., Hamdioui, S., Jutman, A., Michael, M.K., Raik, J. et al. IEEE European Test Symposium (ETS) // 2019 IEEE International Test Conference (ITC). [S.l.] : IEEE, 2019. 4 p.
83. Ehrenberg, H., Odintsov, S., Devadze, S., Jutman, A., Aleksejev, I., Wenzel, T. Ways for board and system test to benefit from FPGA embedded instrumentation // 2019 IEEE AUTOTESTCON. [S.l.] : IEEE, 2019. 10 p : ill.
84. Einstein, S., Pilt, K., Palmar, M., Meigas, K., Viigimaa, M. Aortic augmentation index is dependent on bodyside in healthy young subjects // High Blood Pressure & Cardiovascular Prevention (2019) vol. 26, p. 375-382 : ill.
85. Espirito Santo, J., Pinto, L., Uustalu, T. Modal embeddings and calling paradigms // 4th International Conference on Formal Structures for Computation and Deduction : FSCD 2019, Dortmund, Germany, 24-30 June 2019. Saarbrücken/Wadern : Dagstuhl Publishing, 2019. art. 18 ; 20 p. : ill. (Leibniz international proceedings in informatics (LIPIcs) ; 131).
86. Essen, A., Sorell, M., Maennel, O.M. Multi-modal biometric system security and privacy // Proceedings of the 5th Interdisciplinary Cyber Research Conference 2019 : 29th of June 2019, Tallinn University of Technology. Tallinn : Tallinn University of Technology, Department of Software Science, 2019. p. 30-32.

87. Fridolin, I. A concept for smart real-time monitoring of intermittent renal replacement therapy // *International journal of artificial organs* (2019) vol. 42, 8, p. 462.
88. Frydenberg, M., Lorenz, B. Lizards in the street! Introducing cybersecurity awareness in a digital literacy context // *EDSIGCON Proceedings 2019* : Cleveland Ohio, November 6-9, 2019. Ohio : ISCAP, 2019. Art. n4936, 13 p. : ill.
89. Fuentes-Pérez, J.F., Tuhtan, J.A., Eckert, M., Kruusmaa, M. et al. Hydraulics of vertical-slot fishways: nonuniform profiles // *Journal of hydraulic engineering* (2019) vol. 145, 2, p. 06018020-1 - 06018020-6 : ill.
90. Getreu, J., Maennel, O. Enhancing forensic-tool security with Rust : Development of a string extraction utility // *Journal of Digital Forensics, Security and Law* (2019) vol. 14, 2, art. 4, p. 46-58 : ill.
91. Ghasempouri, T., Danese, A., Bombieri, N., Pravadelli, G., Raik, J. RTL assertion mining with automated RTL-to-TLM abstraction // *Proceedings of the 2019 Forum on specification & Design Languages (FDL)*. Danvers : IEEE, 2019. 8 p. : ill.
92. Ghasempouri, T., Malburg, J., Danese, A., Pravadelli, G., Fey, G., Raik, J. Engineering of an effective automatic dynamic assertion mining platform // *VLSI-SoC 2019* : 27th IFIP/IEEE International Conference on Very Large Scale Integration. Piscataway : IEEE, c2019. p. 111-116 : ill.
93. Goodman, S.G., Aylward, P.E., Szarek, M., Viigimaa, M. et al. Effects of alirocumab on cardiovascular events after coronary bypass surgery // *Journal of the American College of Cardiology* (2019) vol. 74, 9, p. 1177–1186 : ill.
94. Gosselin, M.-P., Ouellet, V., Harby, A., Nestler, J. Advancing ecohydraulics and ecohydrology by clarifying the role of their component interdisciplines // *Journal of ecohydraulics* (2019) vol. 4, 2, p. 172-187.
95. Guerra-Manzanares, A., Bahsi, H., Nömm, S. Differences in Android behavior between real device and emulator: a malware detection perspective // *6th International Conference on Internet of Things: Systems, Management and Security (IOTSMS)*, Granada, Spain, October 22-25, 2019. Denver : IEEE, 2019. art. 8939268, p. 399-404.
96. Guerra-Manzanares, A., Bahsi, H., Nömm, S. Hybrid feature selection models for machine learning based botnet detection in IoT networks // *2019 International Conference on Cyberworlds : CW 2019* : 2-4 October 2019, Kyoto, Japan : proceedings. Danvers : IEEE, c2019. p. 324-327 : ill.
97. Guerra-Manzanares, A., Nömm, S., Bahsi, H. In-depth feature selection and ranking for automated detection of mobile malware // *Proceedings of the 5th International Conference on Information Systems Security and Privacy : ICISSP 2019* : February 23-25, 2019, Prague, Czech Republic. Vol. 1. [S.l.] : SciTePress, 2019. p. 274-283 : ill.
98. Guerra-Manzanares, A., Nömm, S., Bahsi, H. Time-frame analysis of system calls behavior in machine learning-based mobile malware detection // *2019 International Conference on Cyber Security for Emerging Technologies : CSET 2019*, Doha, Qatar, 27 October 2019 through 29 October 2019. : IEEE, 2019. art. 89049088 ; 8 p. : ill.
99. Gupta, A., Saar, T., Märtnens, O., Le Moullec, Y., Sintorn, I-M. Detection of pulmonary micronodules in computed tomography images and false positive reduction using 3D convolutional neural networks // *International Journal of Imaging Systems and Technology* (2019) vol. 30, 2, p. 327-339 : ill.
100. Gürsoy, C. C., Medeiros, G., Chen, J., Balakrishnan, A., Lai, X., Bagbaba, A. C. Raik, J., Jenihhin, M. et al. RESCUE EDA Toolset for interdependent aspects of reliability, security and quality in nanoelectronic systems design // *DATE 2019*. [S.l.], 2019. 1 p. : ill.
101. Gürsoy, C., Jenihhin, M., Oyeniran, A.S., Piumatti, D., Raik, J., Sonza Reorda, M., Ubar, R. New categories of Safe Faults in a processor-based Embedded System // *2019 22nd International Symposium on Design and Diagnostics of Electronic Circuits & Systems (DDECS)*, Cluj-Napoca, Romania : proceedings. Danvers : IEEE, c2019. 4 p. : ill.
102. Haas, C., Thumser, P., Tuhtan, J. Rivers 2.0 - transforming rivers into digital landscapes using unmanned aerial vehicles // *Hydrolink* (2019) vol. 1, p. 13-15 : ill.
103. Haav, H.-M., Maigre, R. A semantic model for product configuration in timber industry // *Databases and information systems X : selected papers from the thirteenth International Baltic Conference, DB&IS 2018*. Amsterdam : IOS Press, 2019. p. 143-158. (Frontiers in artificial intelligence and applications ; 315).

104. Halling, E., Vain, J., Boyarchuk, A., Illiashenko, O. Test scenario specification language for model-based testing // *International Journal of Computing* (2019) vol. 18, 4, p. 408-421 : ill.
105. HariPriya, N., Kavitha, P., Srinivasan, S., Belikov, J. Evolutionary optimisation-based fractional order controller for web transport systems in process industries // *International Journal of Advanced Intelligence Paradigms* (2019) vol. 12, 3/4, p. 317-330.
106. Hassan, H., Ahmed, I., Ahmad, R., Alam, M. M. et al. A machine learning approach to achieving energy efficiency in relay-assisted LTE-a downlink system // *Sensors* (2019) vol. 19, 16, art. 3461, 25 p.
107. Henno, J., Jaakkola, H., Mäkelä, J. Creating randomness with games // *Acta Polytechnica Hungarica : journal of applied sciences at Budapest Polytechnic Hungary* (2019) vol. 16, 9, p. 193-212 : ill.
108. Henno, J., Jaakkola, H., Mäkelä, J. Teaching for virtual work // *2019 42nd International Convention on Information and Communication Technology, Electronics and Microelectronics (MIPRO) : May 20 - 24, 2019, Opatija, Croatia : proceedings. Rijeka : MIPRO, c2019. p. 818-826 : ill.*
109. Henno, J., Jaakkola, H., Mäkelä, J. Using multiplayer games to create locally secure communication // *Eighth Workshop on Software Quality Analysis, Monitoring, Improvement, and Applications SQAMIA 2019, Ohrid, North Macedonia, September 22-25, 2019 : proceedings. Novi Sad : University of Novi Sad, Faculty of Sciences, Department of mathematics and informatics, 2019. 13 p. : ill. (CEUR workshop proceedings ; 2508).*
110. Henno, J., Jaakkola, H., Mäkelä, J. Using multiplayer games to create secure communication // *Eighth Workshop on Software Quality Analysis, Monitoring, Improvement, and Applications : SQAMIA 2019 : Ohrid, North Macedonia, 22 - 25. 09. 2019 : proceedings. Novi Sad : University of Novi Sad, Faculty of Sciences, Department of mathematics and informatics, 2019. p. 4-4:13 : ill.*
111. Herrera, L-C., Maennel, O. A comprehensive instrument for identifying critical information infrastructure services // *International Journal of Critical Infrastructure Protection* (2019) vol. 25, p. 50-61 : ill.
112. Hinrikus, H., Bachmann, M., Pilt, K., Meigas, K., Fridolin, I. Biomeditsiinitehnika - tehnoloogia tervise heaks // *Teadusmõte Eestis (X). Tehnikateadused. 3 : [artiklikogumik]. Tallinn : Argo, 2019. lk. 48-58 : ill. (Teadusmõte Eestis ; 10).*
113. Holmar, J., Fridolin, I., Luman, M. et al. Removal of vascular calcification inducer phosphate in different dialysis treatment modalities // *World Congress on Medical Physics and Biomedical Engineering 2018 : June 3-8, 2018, Prague, Czech Republic (Vol. 3). Singapore : Springer Nature Singapore Pte Ltd, 2019. p. 143-147. (IFMBE proceedings ; 68/3).*
114. Holmar, J., Jankowski, J., Alampour-Rajabi, S. The role of calcium and phosphate in medial vascular calcification // *International journal of artificial organs* (2019) vol. 42, 8, p. 386-474.
115. Holmar, J., Jankowski, J., Bhargava, S., Alampour-Rajabi, S. Calcium and phosphate induce different vascular calcification // *Nephrology dialysis transplantation, 56th ERA-EDTA Congress Abstracts* (2019) vol. 34, suppl. 1, p. 468 : ill.
116. Härmat, K. #AIväljakutse : teadmised tehisintellektist igapäevale // *Mente et Manu* (2019) 5, lk. 24-25.
117. Härmat, K. Tark linn : 900 anduri võrk kogub andmeid linnaõhu ja liikluse kohta // *Mente et Manu* (2019) 2, lk. 30-31 : fot.
118. Härmat, K.; (komment.) Alam, M. M., Ruuto, U. 5G tehnoloogia lükkab käima uued idufirmad ja aitab kaasa tööstuse digitaliseerimisele // *Mente et Manu* (2019) 4, lk. 40-41 : fot.
119. Härmat, K.; (komment.) Leier, M., Piirsalu, J. Kas sa oled kodus üksi? // *Mente et Manu* (2019) 1, lk. 22-25 : fot.
120. Jaakkola, H., Henno, J., Mäkelä, J., Thalheim, B. Artificial intelligence yesterday, today and tomorrow // *2019 42nd International Convention on Information and Communication Technology, Electronics and Microelectronics (MIPRO) : May 20 - 24, 2019, Opatija, Croatia : proceedings. Rijeka : MIPRO, c2019. p. 860 - 867 : ill.*
121. Jenihhin, M., Reorda, M., Balakrishnan, A., Alexandrescu, D. Challenges of reliability assessment and enhancement in autonomous systems // *2019 IEEE International Symposium on Defect and Fault Tolerance in VLSI and Nanotechnology Systems (DFT 2019). [S.l.] : IEEE, 2019. 6 p.*

122. Järv, P. Predictability limits in session-based next item recommendation // RecSys '19: Thirteenth ACM Conference on Recommender Systems, Copenhagen Denmark, September, 2019. New York : Association for Computing Machinery, 2019. p. 146-150.
123. Jürimägi, L., Ubar, R. Algorithm for restructuring of structurally synthesized BDDs // 2019 IEEE 31st International Conference on Microelectronics : Niš, Serbia September 16th-18th, 2019 : proceedings. Danvers : IEEE, c2019. p. 239-242 : ill.
124. Jürimägi, L., Ubar, R., Jenihhin, M., Raik, J., Devadze, S., Oyeniran, A. Application specific true critical paths identification in sequential circuits // 2019 IEEE 25th International Symposium on On-Line Testing and Robust System Design (IOLTS 2019) : 1-3 July 2019, Greece. Piscataway : IEEE, c2019. p. 299-304 : ill.
125. Jürimägi, L., Ubar, R., Viies, V. Equivalent transformations of structurally synthesized BDDs and applications // 2019 8th Mediterranean Conference on Embedded Computing (MECO). [S.l.] : IEEE, 2019. 6 p. : ill.
126. Kaarsgaard, R., Veltri, N. En garde! Unguarded iteration for reversible computation in the delay monad // Mathematics of Program Construction : 13th International Conference, MPC 2019, Porto, Portugal, October 7-9, 2019 : proceedings. Cham : Springer Nature Switzerland AG, 2019. p. 366-384. (Notes in computer science book series ; 11825, Programming and software engineering ; 11825).
127. Kaldmäe, A., Kotta, Ü., Meurer, C., Simha, A. Event-based control for differentially flat systems: application to autonomous underwater vehicle // IFAC-PapersOnLine (2019) vol. 52, 16, p. 180-185.
128. Kalle, S., Tanner, R., Luman, M., Fridolin, I. Free pentosidine assessment based on fluorescence measurements in spent dialysate // Blood Purification (2019) vol. 47, p. 85-93.
129. Kanter, G., Vain, J. TestIt : an open-source scalable long-term autonomy testing toolkit for ROS // Conference Proceedings of 2019 10th International Conference on Dependable Systems, Services and Technologies DESSERT'2019, United Kingdom, Leeds, June 5-7, 2019. Red Hook : IEEE, 2019. art. 8770011, p. 45-50.
130. Kanter, G., Vain, J., Srinivasan, S., Ramaswamy, S. Provably correct configuration management of precision feeding in Agriculture4.0 // 2019 IEEE International Conference on Systems, Man and Cybernetics (SMC). [S.l.] : IEEE, 2019. p. 1631-1637 : ill.
131. Kaparin, V., Kotta, Ü. Transformation of nonlinear MIMO discrete-time systems into the extended observer form // Asian journal of control (2019) vol. 21, 5, p. 2208-2217 : ill.
132. Karaliunas, M., Pagalys, J., Jakštas, V., Udal, A. et al. Spectral properties of incoherent terahertz torch based on parabolic Ga(As,Bi)/AlGaAs quantum wells [Online resource] // Terahertz Emitters, Receivers, and Applications X : SPIE Optical Engineering + Applications, 11-15 August 2019, San Diego, California, United States : proceedings, SPIE digital library (2019) vol. 11124,
133. Kask, T., Kuusik, A., Meerolla Kumar, S., Maamägi, H., Gross-Paju, K. Effects of physical exercise on balange, range of motion (ROM) and angular velocity (AV) measurements // Journal of the neurological sciences (2019) vol. 405, suppl., p. 295-296 : ill.
134. Katsumata, S., Rivas, E., Uustalu, T. Interaction laws of monads and comonads // arXiv.org (2019) arXiv:1912.13477, 28 p. : ill.
135. Khan, F., Ahmad, R., Ahmed, W., Alam, M. M. Drieberg, M. Interference and priority aware coexistence (IPC) algorithm for link scheduling in IEEE 802.15.6 based WBANs // IEEE Access (2019) vol. 7, 1, p. 168736-168751 : ill.
136. Khan, R., Alam, M. M. SmartBAN performance evaluation for diverse applications // Body Area Networks : Smart IoT and Big Data for Intelligent Health Management. 14th EAI International Conference, BODYNETS 2019, Florence, Italy, October 2-3, 2019 : Proceedings. Cham : Springer, 2019. p. 239-251. (Lecture notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering ; 297).
137. Khan, R., Alam, M. M., Kuusik, A. Channel prediction based enhanced throughput and channel aware MAC in SmartBAN standard // 2019 16th International Symposium on Wireless Communication Systems (ISWCS). : IEEE, 2019. p. 463-468 : ill.

138. Khan, R., Alam, M. M., Paso, T. Haapola, J. Throughput and channel aware MAC scheduling for SmartBAN standard // *IEEE Access* (2019) vol. 7, p. 63133-63145 : ill.
139. Khan, S., Malik, H., Sarmiento, J., Alam, M. M., Le Moullec, Y. DORM: narrowband IoT development platform and indoor deployment coverage analysis // *Procedia computer science* (2019) vol. 151, p. 1084-1091.
140. Kivirand, K., Min, M., Rinken, T. Challenges and Applications of Impedance-Based Biosensors in Water Analysis // *Biosensors for environmental monitoring*. London : InTechOpen, 2019.
141. Kormiltsõn, A., Udokwu, C., Karu, K., Thangalimodzi, K., Norta, A. Improving healthcare processes with smart contracts // *Business Information Systems : 22nd International Conference, BIS 2019, Seville, Spain, June 26-28, 2019 : proceedings. Part I*. Cham : Springer International Publishing AG, c2019. p. 500-513. (Lecture notes in business information processing ; 353).
142. Korolkov, O., Kozlovski, V., Lebedev, A., Sleptšuk, N., Toompuu, J., Rang, T. Low-temperature annealing of lightly doped n-4H-SiC layers after irradiation with fast electrons // *Semiconductors* (2019) vol. 53, 7, p. 975-978.
143. Koschel, A., Astrova, I., Kobert, S. Et al. On requirements for event processing network models using business event modeling notation // *Intelligent Computing : Proceedings of the 2018 Computing Conference. Volume 1, Intelligent Computing*. Cham : Springer, 2019. p. 756-762.
144. Koschel, A., Astrova, I., Blankschyn, M. et al. Evaluating the RESTfulness of "APIs from the Rough" // *Proceedings of the 15th International Conference on Web Information Systems and Technologies, WEBIST 2019, Vienna, Austria, September 18-20, 2019. Vol. 1*. [S.l.] : SciTePress, 2019. p. 281-288.
145. Koschel, A., Blankschyn, M., Schulze, K., Schöner, D., Astrova, I., Astrov, I. RESTfulness of APIs in the wild // *2019 IEEE World Congress on Services : IEEE SERVICES 2019, 8-13 July, 2019 Milan, Italy : proceedings. : IEEE, 2019. art. 8817208 ; p. 382-383 : ill*.
146. Koschel, A., Heine, F., Astrova, I. Harnessing cloud scalability to hadoop clusters // *Information Systems 15th European, Mediterranean, and Middle Eastern Conference, EMCIS 2018 : Limassol, Cyprus, October 4-5, 2018 : proceedings*. Cham : Springer Nature Switzerland AG, c2019. p. 59-71. (Lecture notes in business information processing ; 341).
147. Kosenkov, O., Pappel, I., Draheim, D. On existing trends towards creation of a holistic sociotechnical approach to e-Governance // *Proceedings of the 12th International Conference on Theory and Practice of Electronic Governance (ICEGOV'19), Melbourne, Australia, April 3-5, 2019*. New York : Association for Computing Machinery, 2019. p. 492-493 : ill.
148. Kraak, D.H.P., Gürsoy, C.C., Jenihhin, M., Raik, J. et al. Software-based mitigation for memory address decoder aging // *LATS 2019 : 20th IEEE Latin American Test Symposium : Santiago, Chile, March 11th - 13th 2019*. [S.l.] : IEEE, c2019. 6 p. : ill.
149. Kreos, K., Täks, E., Tsap, V., Pappel, I., Draheim, D. On facilitating cross-border E-commerce through an automated VAT declaration system // *2019 6th International Conference on eDemocracy and eGovernment (ICEDEG 2019) : Quito, Ecuador, April 24-26, 2019 : conference proceeding*. Danvers : IEEE, 2019. p. 56-63.
150. Kruusmaa, M., Parnell, K.E., Ristolainen, A., Rätsep, M., Soomere, T. Ship wake analysis using an array of nearbed sensors // *Abstracts : [BSSC 2019]. [Stockholm] : [Stockholm University Baltic Sea Centre], 2019. p. 292*.
151. Kullman, K., Ben-Asher, N., Sample, C. Operator impressions of 3D visualizations for cybersecurity analysts // *Proceedings of the 18th European Conference on Cyber Warfare and Security, University of Coimbra Portugal, 4-5th July 2019. : Academic Conferences and Publishing International, 2019. p. 257-266*.
152. Kullman, K., Ben-Asher, N., Sample, C. Operator impressions of 3D visualizations for cybersecurity analysts // *Abstracts and conference materials for the 18th European Conference on Cyber Warfare and Security, University of Coimbra Portugal, 4-5th July 2019. : Academic Conferences and Publishing International Limited, 2019. p. 31-32*.
153. Kullman, K., Trossbach, L., Ryan, M. VR/MR supporting the future of defensive cyber operations // *IFAC-PapersOnLine* (2019) vol. 52, 19, p. 181-186 : ill.

154. Kõiv, H., Pesti, K., Min, M., Land, R. Investigation of cost-effective carbon nanofiber/carbon fiber and silicone polymer composite material for wearable bioimpedance device // 2019 IEEE Sensors Applications Symposium (SAS 2019), Sophia Antipolis, France, 11-13 March, 2019 : proceedings. : IEEE, 2019. 6 p.
155. Kõusaar, J. Numbrid, elu ja pilvetehnoloogia : [noorteadlaste konkursi Teadus kolme minutiga ettekanne] // Teadus kolme minutiga : 2017-2019. [Tallinn] : Argo, 2019. lk. 122-125 : fot. (Elav teadus ; 21).
156. Köse, A., Tepljakov, A., Abel, M., Petlenkov, E. Towards assessment of behavioral patterns in a virtual reality environment // Augmented Reality, Virtual Reality, and Computer Graphics : 6th International Conference, AVR 2019 : Santa Maria al Bagno, Italy, June 24-27, 2019 : Proceedings. Part I. Cham : Springer Nature Switzerland AG, 2019. p. 237-253 : ill. (Lecture notes in computer science ; 11613).
157. Köse, A., Tepljakov, A., Petlenkov, E. Dynamic predictive modeling approach of user behavior in virtual reality based application // 2019 27th Mediterranean Conference on Control and Automation (MED). [S.l.] : IEEE, 2019. p. 57-62 : ill.
158. Lai, X., Balakrishnan, A., Lange, T., Jenihhin, M., Ghasempouri, T., Raik, J., Alexandrescu, D. Understanding multidimensional verification : Where functional meets non-functional // Microprocessors and microsystems (2019) vol. 71, art. 102867, 13 p. : ill.
159. Lai, X., Jenihhin, M., Raik, J., Paul, K. PASCAL : timing SCA resistant design and verification flow // 2019 IEEE 25th International Symposium on On-Line Testing and Robust System Design (IOLTS 2019) : 1-3 July 2019, Greece. Piscataway : IEEE, c2019. p. 239-242 : ill.
160. Lange, T., Balakrishnan, A., Alexandrescu, D. et al. On the estimation of complex circuits functional failure rate by machine learning techniques // 49th Annual IEEE/IFIP International Conference on Dependable Systems and Networks - DSN 2019 : Supplemental Volume : proceedings. [S.l.] : IEEE, 2019. p. 35-41 : ill.
161. Lange, T., Balakrishnan, A., Glorieux, M. et al. Machine learning to tackle the challenges of transient and soft errors in complex circuits // 2019 IEEE 25th International Symposium on On-Line Testing and Robust System Design (IOLTS), 1-3 July 2019, Greece. Danvers : IEEE, 2019. p. 7-14 : ill.
162. Lazuaashvili, N., Norta, A., Draheim, D. Integration of blockchain technology into a land registration system for immutable traceability : a casestudy of Georgia // Business Process Management : Blockchain and Central and Eastern Europe Forum : BPM 2019 Blockchain and CEE Forum : Vienna, Austria, September 1-6, 2019 : proceedings. Cham : Springer Nature Switzerland AG, c2019. p. 219-233. (Lecture notes in business information processing ; 361).
163. Lebdeh, M. A., Reinsalu, U., Nguyen, H. A. D. et al. Memristive device based circuits for computation-in-memory architectures // 2019 IEEE International Symposium on Circuits and Systems (ISCAS) : proceedings. Piscataway : IEEE, c2019. 5 p. : ill.
164. Lemendik, L. TalTech moderniseerib elektroonikaalast kõrgharidust // Director. Inseneria (2019) 4, lk. 76-77 : fot.
165. Levron, Y., Kaparin, V., Belikov, J. Analyzing the dynamics and stability of DQ0 systems based on a Port-Hamiltonian approach // 2019 27th Mediterranean Conference on Control and Automation (MED). [S.l.] : IEEE, 2019. p. 410-415 : ill.
166. Liang, B., Xu, Y., Wen, F., Palu, I. et al. Fast path-oriented strategy for power system restoration // 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärđla, Estonia, June 12-15, 2019 : proceedings. [S.l.] : IEEE, 2019. 8 p.
167. Lips, S., Aas, K., Pappel, I., Draheim, D. Designing an effective long-term identity management strategy for a mature e-state // Electronic Government and the Information Systems Perspective : 8th International Conference, EGOVIS 2019 : Linz, Austria, August 26-29, 2019 : proceedings. Cham : Springer International Publishing AG, c2019. p. 221-234 : ill. (Lecture notes in computer science ; 11709, Information Systems and Applications, incl. Internet/Web, and HCI ; 11709).

168. Lohk, A., Orav, H., Vare, K., Bond, F., Vaik, R. New polysemy structures in Wordnets induced by vertical polysemy // Proceedings of the 10th Global WordNet Conference : GWC 2019, July 23-27, 2019, Wroclaw, Poland. Wroclaw : Oficyna Wydawnicza Politechniki Wroclawskiej, 2019. p. 394-403.
169. Lohk, A., Ross, K. Joachim Rossihniuse ja Heinrich Stahli perikoopide võrdlus // Emakeele Seltsi aastaraamat. Tallinn : Teaduste Akadeemia Kirjastus, 2019. lk. 65-110.
170. Lorenz, B. Kas nutt taskus teeb nutikaks? // PISA 2018 Eesti tulemused: Eesti 15-aastaste õpilaste teadmised ja oskused funktsionaalses lugemises, matemaatikas ja loodusteadustes. Tallinn : Innove, 2019. p. 116-129.
171. Lorenz, B., Kikkas, K., Sömer, T., Laugasson, E. Cybersecurity within the curricula of informatics: the Estonian perspective // Informatics in Schools. New Ideas in School Informatics : 12th International Conference on Informatics in Schools : Situation, Evolution, and Perspectives, ISSEP 2019, Larnaca, Cyprus, November 18-20, 2019 : proceedings. Cham : Springer Nature Switzerland AG, 2019. p. 159-171. (Lecture notes in computer science ; 11913, Theoretical computer science and general issues; 11913).
172. Lorenz, B., Kikkas, K., Osula, K. Factors of socially engineering citizens in critical situations // Advances in Human Factors in Cybersecurity : proceedings of the AHFE 2018 : International Conference on Human Factors in Cybersecurity, July 21-25, 2018, Loews Sapphire Falls Resort at Universal Studios, Orlando, Florida, USA. Cham : Springer International Publishing AG, 2019. p. 229-240. (Advances in Intelligent Systems and Computing ; 782).
173. Lovell, K.N. Cyber game to cyber exercise : a new methodology for cybersecurity simulations // Proceedings of the 5th Interdisciplinary Cyber Research Conference 2019 : 29th of June 2019, Tallinn University of Technology. Tallinn : Tallinn University of Technology, Department of Software Science, 2019. p. 13-16.
174. Lovell, K.N. Exercise Neptune : maritime cybersecurity training using the navigational simulators // Proceedings of the 5th Interdisciplinary Cyber Research Conference 2019 : 29th of June 2019, Tallinn University of Technology. Tallinn : Tallinn University of Technology, Department of Software Science, 2019. p. 34-37.
175. Maarand, H., Uustalu, T. Certified normalization of generalized traces // Innovations in Systems and Software Engineering (2019) vol. 15, p. 253-265.
176. Maarand, H., Uustalu, T. Operational semantics with semicommutations // 31st Nordic Workshop on Programming Theory, NWPT 2019, Tallinn, Estonia, 13-15 November 2019 : abstracts. Tallinn : Department of Software Science, Tallinn University of Technology, c2019. p. 40-43.
177. Maarand, H., Uustalu, T. Reordering derivatives of trace closures of regular languages [Online resource] // 30th International Conference on Concurrency Theory : (CONCUR 2019). Saarbrücken/Wadern : Dagstuhl Publishing, 2019. art. 40 ; 40:1-40:16. (Leibniz international proceedings in informatics (LIPIcs) ; 140).
178. Machlev, R., Belikov, J., Beck, Y., Levron, Y. MO-NILM: A multi-objective evolutionary algorithm for NILM classification // Energy and buildings (2019) vol. 199, p. 134-144.
179. Maennel, K. Küberhügieen - tõhus kaitsevahend // Raamatupidamis uudised (2019) 2, lk. 43-47.
180. Maennel, K., Kim, J., Sütterlin, S. Team learning in cybersecurity exercises // Proceedings of the 5th Interdisciplinary Cyber Research Conference 2019 : 29th of June 2019, Tallinn University of Technology. Tallinn : Tallinn University of Technology, 2019. p. 17-19.
181. Maennel, K., Mäses, S., Sütterlin, S., Ernits, M., Maennel, O. Using technical cybersecurity exercises in university admissions and skill evaluation // IFAC-PapersOnLine (2019) vol. 52, 19, p. 169-174.
182. Malär, A. A., Smith-Penzel, S., Camenisch, G.-M., Wiegand, T., Samoson, A. et al. Quantifying proton NMR coherent linewidth in proteins under fast MAS conditions : a second moment approach // Physical chemistry chemical physics (2019) vol. 21, 35, p. 18850-18865 : ill.

183. Malburg, J., Janson, K., Raik, J., Dannemann, F. Fault-aware performance assessment approach for embedded networks // 2019 22nd International Symposium on Design and Diagnostics of Electronic Circuits & Systems (DDECS), Cluj-Napoca, Romania : proceedings. Danvers : IEEE, c2019. 4 p. : ill.
184. Malik, H., Khan, S.Z., Sarmiento, J.L.R., Mwakwata, C.B., Alam, M.M., Le Moullec, Y., Päränd, S. NB-IoT-võrgu uuring : katvus sise-, välis- ja maa-alustes tingimustes // Elektriala (2019) 2, lk. 14-18 : ill.
185. Malik, H., Khan, Z.K., Sarmiento, J., Kuusik, A., Alam, M. M., Le Moullec, Y., Päränd, S. NB-IoT network field trial: indoor, outdoor and underground coverage campaign // IWCMC 2019 : 15th International Wireless Communications & Mobile Computing Conference (IWCMC), June 24-28, 2019, Tangier, Morocco. Danvers : IEEE, 2019. p. 537-542 : ill.
186. Masood, A., Sharma, N., Alam, M. M., Le Moullec, Y et al. Device-to-device discovery and localization assisted by UAVs in pervasive public safety networks // Proceedings of the ACM MobiHoc workshop on innovative aerial communication solutions for First REsponders network in emergency scenarios : iFIRE '19, Catania, Italy, July 2-5, 2019. New York : ACM, 2019. p. 6-11.
187. McBride, K., Kütt, A., Ben Yahia, S., Draheim, D. On positive feedback loops in digital government architecture // MEDES '19 : A Digital Ecosystem for Personal Manufacturing : An Architecture for Cloud-based Distributed Manufacturing Operating Systems : proceedings. New York : Association for Computing Machinery, 2019. p. 174-180 : ill.
188. Meister, E., Meister, L. Eesti laste kõne II. Vokaalide akustiline analüüs // Keel ja Kirjandus (2019) 4, lk. 282-295 : ill.
189. Meister, E., Meister, L. Production of Estonian vowels by Finnish speakers // Kõneuurimise suundi II = Aspects of speech studies II. Tartu : University of Tartu Press, 2019. p. 129-143 : ill. (Eesti ja soome-ugri keeleteaduse ajakiri = Journal of Estonian and Finno-Ugric linguistics ; vol. 10, 1).
190. Meister, E., Meister, L. When duration matters : the case of Estonian // L2 Pronunciation Research Symposium : 6.-7.11.2019 Jyväskylä, Finland : abstracts. Jyväskylä : Jyväskylä Yliopisto, 2019. p. 17-18.
191. Mezešova, T., Bahsi, H. Expert knowledge elicitation for skill level categorization of attack paths // 2019 International Conference on Cyber Security and Protection of Digital Services (Cyber Security) . : IEEE, 2019. 8 p. : tab.
192. Metshein, M. Elektrilise bioimpedantsi mõõtmistest ravimuda mõju hindamiseks inimese nahale // Tervisedenduse ja Rehabilitatsiooni Kompetentsikeskuse ravimuda valdkonna toimetised. 2. [Haapsalu] : Tallinna Ülikooli Haapsalu Kolledž, 2019. lk. 82-96 : ill.
193. Metshein, M., Kõiv, H., Annus, P., Min, M. Electrode optimization for bioimpedance based central aortic blood pressure estimation // World Congress on Medical Physics and Biomedical Engineering 2018 : June 3-8, 2018, Prague, Czech Republic (Vol. 2). Singapore : Springer Nature Singapore Pte Ltd, 2019. p. 497-501. (IFMBE proceedings ; 68/2).
194. Meurer, C., Simha, A., Kotta, Ü., Kruusmaa, M. Nonlinear orientation controller for a compliant robotic fish based on asymmetric actuation // 2019 International Conference on Robotics and Automation : ICRA 2019, Palais des Congres de Montreal, Canada, 20-24 May, 2019. Danvers : IEEE, 2019. Art. 8793892 ; p. 4688-4694.
195. Mihklepp, K., Kivirand, K., Juronen, D., Lõokene, A., Rinken, T. Immunodetection of Streptococcus uberis pathogen in raw milk // Enzyme and microbial technology (2019) vol. 130, art. 109360, 6 p. : ill.
196. Min, M. Impedants : elektroonikute ideelaegas ja varakamber aastakümneteks // Teadusmõte Eestis (X). Tehnikateadused. 3 : [artiklilogumik]. Tallinn : Agro, 2019. lk. 130-144 : ill., fot. (Teadusmõte Eestis ; 10).
197. Min, M. Prof Mart Min : tehnoloogia teeb tervemaks ja rikkamaks // Director. Inseneeria (2019) 11, lk. 18-24 : fot.
198. Min, M., Kõiv, H., Priidel, E., Pesti, K., Annus, P. Noninvasive acquisition of the aortic blood pressure waveform // Wearable devices. London : InTechOpen, 2019. 16 p. : ill.

199. Mironova, O. Study centre for IT foundations at Tallinn University of Technology - computer science basics to first year students // 2019 IEEE Global Engineering Education Conference (EDUCON): Dubai, United Arab Emirates, 8-11 April, 2019 : proceedings. Red Hook : IEEE, 2019. p. 588-592.
200. Miyawaki, F., Suzuki, M., Anier, A., Vain, J. Integration of 'Central' and 'Peripheral' Nervous Systems in Scrub Nurse Robot and Comparison Between 'Voluntary' and 'Reflex' Movements // IFAC-PapersOnLine (2019) vol. 52, 19, p. 229-234 : ill.
201. Mohammad, I., Witter, R., Fichtner, M., Reddy, M. A. Introducing interlayer electrolytes : toward room-temperature high-potential solid-state rechargeable fluoride ion batteries // ACS Applied Energy Materials (2019) vol. 2, 2, p. 1553-1562 : ill.
202. Monea, M., Preyl, V., Meyer, C., Ivanova Drenkova-Tuhtan, A. et al. Phosphorus recovery from sewage sludge - P leaching behaviour from various types of postprecipitated tertiary sludge // 3rd IWA Resource Recovery Conference : IWA RR2019, Venice (Italy), 08-12 September 2019. [S.l.], 2019. p. 63.
203. Monea, M.C., Löhr, D.K., Meyer, C., Drenkova-Tuhtan, A. et al. Comparing the leaching behavior of phosphorus, aluminum and iron from post-precipitated tertiary sludge and anaerobically digested sewage sludge aiming at phosphorus recovery // Journal of cleaner production (2019) vol. 247, art. 119129, 8 p. : ill.
204. Mucci, D., Blumbergs, B. TED: a container based tool to perform security risk assessment for ELF binaries // Proceedings of the 5th International Conference on Information Systems Security and Privacy : ICISSP 2019 : February 23-25, 2019, Prague, Czech Republic. Vol. 1. [S.l.] : SciTePress, 2019. p. 361-369.
205. Muniasamy, K., Srinivasan, S., Vain, J., Sethumadhavan, M. Formal methods based security for cloud-based manufacturing cyber physical system // IFAC-PapersOnLine (2019) vol. 52, 13, p. 1198-1203.
206. Muthukumar, N., Srinivasan, S., Ramkumar, K., Pal, D., Vain, J., Ramaswamy, S. A model-based approach for design and verification of Industrial Internet of Things // Future generation computer systems (2019) vol. 95, p. 354-363 : ill.
207. Mwakwata, C.B., Malik, H., Mahtab Alam, M., Le Moullec, Y. et al. Narrowband internet of things (NB-IoT): from physical (PHY) and media access control (MAC) layers perspectives // Sensors (2019) vol. 19, 11, art. 2613, 34 p.: ill.
208. Mõtus, L., Teichmann, M., Kangilaski, T., Priisalu, J., Kaugerand, J. Some issues in modelling comprehensive situation awareness // 2019 IEEE International Conference on Systems, Man and Cybernetics (SMC). [S.l.] : IEEE, c2019. p. 540-545 : ill.
209. Mäses, S. Evaluating cybersecurity-related competences through serious games // 19th Koli Calling Conference on Computing Education Research Koli Calling 2019 : November 21-24, 2019, Koli, Finland : proceedings. New York : ACM, c2019. 2 p.
210. Mäses, S., Aitsam, H., Randmann, L. A method for adding cyberethical behaviour measurements to computer science homework assignments // 19th Koli Calling Conference on Computing Education Research Koli Calling 2019 : November 21-24, 2019, Koli, Finland : proceedings. New York : ACM, 2019. 5 p. : ill.
211. Mäses, S., Kikerpill, K., Jüristo, K., Maennel, O. Mixed methods research approach and experimental procedure for measuring human factors in cybersecurity using phishing simulations // Abstracts of Papers Presented at the 18th European Conference on Research Methodology for Business and Management Studies : ECRM 2019, Hosted By Wits Business School Johannesburg, South Africa 20-21 June, 2019. Reading : Academic Conferences and Publishing International Limited, 2019. p. 30-31.
212. Mäses, S., Kikerpill, K., Jüristo, K., Maennel, O. Mixed methods research approach and experimental procedure for measuring human factors in cybersecurity using phishing simulations // ECRM 2019 - Proceedings of the 18th European Conference on Research Methodology for Business and Management Studies ; vol. 1. Reading : Academic Conferences and Publishing International Ltd, 2019. p. 218-226.
213. Naqvi, S. R., Anjum, Z., Sawalha, L., Jenihhin, M. et al. An optimization framework for dynamic pipeline management in computing systems // Computers & electrical engineering (2019) vol. 78, p. 242-258 : ill.

214. Naranjo-Hernandez, D., Reina-Tosina, J., Min, M. Fundamentals, recent advances, and future challenges in bioimpedance devices for healthcare applications // *Journal of sensors* (2019) vol. 2019, art. 9210258, 42 p. : ill.
215. Niazmand, B., Azad, S. P., Jervan, G., Sepúlveda, J. Design and verification of secure cache wrapper against access-driven side-channel attacks // *Euromicro Conference on Digital System Design : DSD 2019 : 28 - 30 August 2019 Kallithea, Chalkidiki, Greece : proceedings*. Danvers : IEEE, c2019. p. 672-676 : ill.
216. Niazmand, B., Reinbrecht, C., Raik, J., Jervan, G., Sepúlveda, J. Towards formal verification of cache access-based side-channel attacks // *Testmethoden und Zuverlässigkeit von Schaltungen und Systemen, TUZ 2019*. [S.l.], 2019. 2 p. : tab.
217. Norta, A., Dai, P., Mahi, N., Earls, J. A public, blockchain-based distributed smart-contract platform enabling mobile lite wallets using a proof-of-stake consensus algorithm // *Business Information Systems Workshops : BIS 2018 : International Workshops, Berlin, Germany, July 18-20, 2018 : Revised Papers*. Cham : Springer Nature Switzerland AG, 2019. p. 368-380. (Lecture notes in business information processing ; 339).
218. Norta, A., Leiding, B., Lane, A. Lowering financial inclusion barriers with a blockchain-based capital transfer system // *IEEE INFOCOM 2019 - IEEE Conference on Computer Communications Workshops (INFOCOM WKSHPS)*. Danvers : IEEE, 2019. art. 8845177 ; p. 319-324.
219. Norta, A., Matulevičius, R., Leiding, B. Safeguarding a formalized blockchain-enabled identity-authentication protocol by applying security risk-oriented patterns // *Computers & Security* (2019) vol. 86, p. 253–269.
220. Norta, A., Rossar, R., Parve, M., Laas-Billson, L. Achieving a high level of open market-information symmetry with decentralised insurance marketplaces on blockchains // *Intelligent Computing : proceedings of the 2019 Computing Conference. Volume 1*. Cham : Springer Nature Switzerland AG, c2019. p. 299-318. (Advances in intelligent systems and computing ; 997).
221. Nõmm, S., Kossas, T., Toomela, A., Medijainen, K., Taba, P. Determining necessary length of the alternating series test for Parkinson's disease modelling // *2019 International Conference on Cyberworlds : CW 2019 : 2-4 October 2019, Kyoto, Japan : proceedings*. Danvers : IEEE, c2019. p. 261-266 : ill.
222. Odintsov, S., Bozzoli, L., De Sio, C., Sterpone, L., Jutman, A. A new FPGA-based detection method for spurious variations in PCBA power distribution network // *2019 22nd International Symposium on Design and Diagnostics of Electronic Circuits & Systems (DDECS), Cluj-Napoca, Romania : proceedings*. Danvers : IEEE, c2019. 6 p. : ill.
223. Ojarand, J., Min, M., Koel, A. Multichannel electrical impedance spectroscopy analyzer with microfluidic sensors // *Sensors* (2019) vol. 19, 8, art. 1891, 28 p. : ill.
224. Orye, E., Maennel, O.M. Recommendations for enhancing the results of cyber effects // *2019 : 11th International Conference on Cyber Conflict : Silent Battle : 28 May-31 May 2019, Tallinn, Estonia : proceedings*. Tallinn : NATO CCD COE, 2019. p. 103-121.
225. Ott, N., Osula, A.-M. The rise of the regionals: how regional organisations contribute to international cyber stability negotiations at the United Nations level // *2019 : 11th International Conference on Cyber Conflict : Silent Battle : 28 May-31 May 2019, Tallinn, Estonia : proceedings*. Tallinn : NATO CCD COE Publications, 2019. p. 321-345.
226. Oyeniran, A. S., Ubar, R. High-level functional test generation for microprocessor modules // *Proceedings of 26th International Conference Mixed Design of Integrated Circuits and Systems : MIXDES 2019 : Rzeszów, Poland, June 27 - 29, 2019*. Lodz : Lodz University of Technology, c2019. p. 356-361 : ill.
227. Oyeniran, A. S., Ubar, R., Jenihhin, M., ; Gürsoy, C. C., Raik, J. High-level combined deterministic and pseudoexhaustive test generation for RISC processors // *2019 IEEE European Test Symposium (ETS) : proceedings*. Danvers : IEEE, c2019. 6 p. : ill.
228. Oyeniran, A. S., Ubar, R., Jenihhin, M., Gürsoy, C. C., Raik, J. Mixed-level identification of fault redundancy in microprocessors // *LATS 2019 : 20th IEEE Latin American Test Symposium : Santiago, Chile, March 11th - 13th 2019*. [S.l.] : IEEE, c2019. 6 p. : ill.

229. Oyeniran, A.S., Ubar, R., Jenihhin, M., Raik, J. Implementation-independent functional test generation for RISC microprocessors // VLSI-SoC 2019 : 27th IFIP/IEEE International Conference on Very Large Scale Integration : [proceedings]. Piscataway : IEEE, c2019. p. 82-87 : ill.
230. Pal, D., Vain, J. A systematic approach on modeling refinement and regression testing of real-time distributed systems // IFAC-PapersOnLine (2019) vol. 52, 13, p. 1091-1096.
231. Pal, D., Vain, J. Model based Test framework for communications-critical internet of things systems // Databases and information systems X : selected papers from the thirteenth International Baltic Conference, DB&IS 2018. Amsterdam : IOS Press, 2019. p. 79-94. (Frontiers in artificial intelligence and applications ; 315).
232. Pappel, I., Tsap, V., Pappel, I., Draheim, D. Exploring e-services development in local government authorities by means of electronic document management systems // Electronic Governance and Open Society : Challenges in Eurasia 5th International Conference, EGOSE 2018, St. Petersburg, Russia, November 14-16, 2018 : Revised Selected Papers. Cham : Springer Nature Switzerland AG, c2019. p. 223-234 . ill. (Communications in computer and information science ; 947).
233. Parasiewicz, P., Tuhtan, J. A., Prus, P., Suska, K. et al. A Pan-European environmental flow concept // Riverine landscapes as coupled socio-ecological systems : 6th biennial Symposium of the International Society for River Science : book of abstracts. [Vienna] : International Society for River Science, 2019. p. 108.
234. Pardy, T., Sink, H., Koel, A., Rang, T. Development of a low-cost, wireless smart thermostat for isothermal DNA amplification in lab-on-a-chip devices // Micromachines (2019) vol. 10, 7, art. 437, 13 p. : ill.
235. Pattanaik, V., Sharvadze, I., Draheim, D. Framework for Peer-to-Peer Data Sharing over Web Browsers // Future Data and Security Engineering : 6th International Conference, FDSE 2019 Nha Trang City, Vietnam, November 27-29, 2019 : proceedings. Cham : Springer, 2019. p. 207-225 : ill. (Lecture notes in computer science ; 11814, Information Systems and Applications, incl. Internet/Web, and HCI ; 11814).
236. Paulsen, G., Vainik, E., Tuulik, M., Lohk, A. The Lexicographer's voice : word classes in the digital era // Electronic lexicography in the 21st century: Smart lexicography : Proceedings of the eLex 2019 conference. Brno : Lexical Computing CZ s.r.o., 2019. p. 319-337 : ill.
237. Penzel, S., Oss, A., Org, M.-L., Samoson, A. et al. Spinning faster: protein NMR at MAS frequencies up to 126kHz // Journal of biomolecular NMR (2019) vol. 73, 1-2, p. 19-29.
238. Pesti, K., Kõiv, H., Min, M. Simulation of the sensitivity distribution of four-electrode impedance sensing on radial artery // 2019 IEEE Sensors Applications Symposium (SAS 2019), Sophia Antipolis, France, 11-13 March, 2019 : proceedings. : IEEE, 2019. 6 p. : ill.
239. Pihelgas, M. Design and implementation of an availability scoring system for cyber defence exercises // 14th International Conference on Cyber Warfare and Security (ICWS 2019) : Stellenbosch University, South Africa, 28 February - 1 March 2019 : Proceedings. Red Hook : Academic Conferences and Publishing International Limited, 2019. p. 329-337.
240. Pikta, M., Jerjomina, J., Kleinson, I. et al. Evaluation of automated urine sediment analysis for routine use // Clinica chimica acta (2019) vol. 493, 1, art. M066, p. s44.
241. Pikta, M., Zolotarev, V., Banys, V. Implementation of alternative ristocetin reagent on impedance aggregometry analyzer // Clinica chimica acta (2019) vol. 493, 1, p. S63-S64.
242. Pilt, K., Arund, J., Adoberg, A., Leis, L., Fridolin, I., Luman, M. Intradialytic on-line multicomponent reduction ratio monitoring in spent dialysate by a novel miniaturized optical sensor // Nephrology Dialysis Transplantation (2019) vol. 34, suppl. 1, p. 643-644.
243. Pilt, K., Arund, J., Adoberg, A., Leis, L., Luman, M., Fridolin, I. Intradialytic on-line multicomponent total removed solutes monitoring in spent dialysate by a novel miniaturized optical sensor // International journal of artificial organs (2019) vol. 42, 8, p. 415-416.
244. Pilt, K., Silluta, S., Palmar, M., Karai, D., Meigas, K., Viigimaa, M. Second derivative photoplethysmographic signal analysis of differences between fingers in healthy subjects [Online resource] // BEC 2018 : 2018 16th Biennial Baltic Electronics Conference (BEC) : proceedings of the 16th Biennial Baltic Electronics Conference, October 8-10, 2018. : IEEE, 2019. 4 p.: ill.

245. Popelyshyn, O., Tsap, V., Pappel, I., Draheim, D. On leveraging the potential of open data to enhance transparency and accountability - A case study from Ukraine // 2019 6th International Conference on eDemocracy and eGovernment (ICEDEG 2019) : Quito, Ecuador, April 24-26, 2019 : conference proceedings. Danvers : IEEE, 2019. Art. 8734315 ; p. 25-30.
246. Post, P., Rannat, K., Keernik, H. Characterizing atmospheric humidity in Eastern Europe during the last two decades by using GNSS-derived integrated water vapour // [EUREF2019 abstracts]. [Tallinn] : [Maa-amet], 2019. p. [47].
247. Price, C., Nõmm, S., Priisalu, J. Analysis of the impact of poisoned data within Twitter classification models // Proceedings of the 5th interdisciplinary cyber research conference 2019 : 29th of June 2019, Tallinn University of Technology [Online resource]. Tallinn : Tallinn University of Technology, Department of Software Science, 2019. p. 53-57.
248. Price, C., Piirsalu, J., Nõmm, S. Analysis of the impact of poisoned data within Twitter classification models // IFAC-PapersOnLine (2019) vol. 52, 19, p. 175-180.
249. Pükienė, S., Karaliūnas, M., Jasinskas, A., Udal, A. et al. Enhancement of photoluminescence of GaAsBi quantum wells by parabolic design of AlGaAs barriers // Nanotechnology (2019) vol. 30, 45, art. 455001, 11 p. : ill.
250. Pöld, T., Bachmann, M., Päeske, L., Kalev, K., Lass, J., Hinrikus, H. EEG spectral asymmetry is dependent on education level of men // World Congress on Medical Physics and Biomedical Engineering 2018 : June 3-8, 2018, Prague, Czech Republic (Vol. 2). Singapore : Springer Nature Singapore Pte Ltd, 2019. p. 405-408.
251. Pöld, T., Päeske, L., Bachmann, M., Lass, J., Hinrikus, H. Assessment of objective symptoms of depression in occupational health examination // Journal of occupational and environmental medicine (2019) vol. 61, 7, p. 605-609.
252. Päeske, L., Bachmann, M., Raik, J., Hinrikus, H. EEG functional connectivity detects seasonal changes // World Congress on Medical Physics and Biomedical Engineering 2018 : June 3-8, 2018, Prague, Czech Republic (Vol. 2). Singapore : Springer Nature Singapore Pte Ltd, 2019. p. 237-240. (IFMBE proceedings ; 68/2).
253. Raik, J. Eesti teaduse nähtamatud hiiglased // Teadusmõte Eestis (X). Tehnikateadused. 3 : [artiklikogumik]. Tallinn : Argo, 2019. lk. 161-168 : ill., fot. (Teadusmõte Eestis ; 10).
254. Rang, T., Rang, G. Laia keelutsooniga pooljuhtmaterjalidel põhinevad pooljuhtseadised // Teadusmõte Eestis (X). Tehnikateadused. 3 : [artiklikogumik]. Tallinn : Argo, 2019. lk. 169-176 : ill., fot.
255. Rashid, M. H., Koel, A., Rang, T. Effects of the inclusion of armchair graphene nanoribbons on the electrical conduction properties of NN-heterojunction 4H-6H/SiC diodes // Advanced Materials and Processing Technologies : 2nd International Conference on Sensors, Materials and Manufacturing (ICSMM 2018, November 19-21, 2018, Taiwan); International Conference on Materials Sciences and Nanomaterials (ICMSN 2018, July 11-13, 2018, United Kingdom) and the 2nd International Conference on Materials and Intelligent Manufacturing (ICMIM 2018, August 24-26, 2018, Japan). Zurich : Trans Tech Publications, 2019. p. 29-35 : ill. (Materials science forum ; 962).
256. Rashid, M. H., Koel, A., Rang, T. First principles simulations of phenol and methanol detector based on pristine graphene nanosheet and armchair graphene nanoribbons // Sensors (2019) vol. 19,2, art. 2731, 14 p. : ill.
257. Rashid, M. H., Koel, A., Rang, T. Nano and micro-scale simulations of Si/4H-SiC and Si/3C-SiC NN-heterojunction diodes // Silicon Carbide and Related Materials 2018 : 12th European Conference on Silicon Carbide and Related Materials (ECSCRM 2018) : Selected, peer reviewed papers from the European Conference on Silicon Carbide and Related Materials (ECSCRM 2018), September 2-6, 2018, Birmingham, UK. Zurich : Trans Tech Publications, 2019. p. 357-361. (Materials science forum ; 963).
258. Reimand, J., de Wilde, A., Teunissen, C. E., Zwan, M. et al. PET and CSF amyloid- β status are differently predicted by patient features : information from discordant cases // Alzheimer's Research & Therapy (2019) vol. 11, art. 100, 16 p. : ill.

259. Reimand, J., Zopp, M., Varus, H., Gross-Paju, K. et al. Posterioorne kortikaalne atroofia - nägemishäirena avalduva varajase algusega Alzheimeri tõve haigusjuhu kirjeldus // Eesti Arst (2019) 11, lk. 664-668 : ill.
260. Riid, A., Lõuk, R., Pihlak, R., Tepljakov, A., Vassiljeva, K. Pavement distress detection with deep learning using the orthoframes acquired by a mobile mapping system // Applied sciences (2019) vol. 9, 22, art. 4829, 22 p. : ill.
261. Rioual, Y., Le Moullec, Y., Laurent, J., Islam Khan, M., Diguët, J.-P. Reward function evaluation in a reinforcement learning approach for energy management [Online resource] // BEC 2018 : 2018 16th Biennial Baltic Electronics Conference (BEC) : proceedings of the 16th Biennial Baltic Electronics Conference, October 8-10, 2018. : IEEE, 2019. 4 p.
262. Ristolainen, A., Tuhtan, J. A., Kruusmaa, M. Continuous, near-bed current velocity estimation using pressure and inertial sensing // IEEE sensors journal (2019) vol. 19, 24, p. 12398 - 12406 : ill.
263. Robal, T. Spontaneous webcam instance for user attention tracking // PICMET19 : Portland International Conference on management of engineering and technology : Technology and Management in the World of Intelligent Systems : proceedings. Portland : Portland State University, 2019. 8 p. : ill.
264. Roberts, A. Framework for industrial control systems digital forensics in the energy sector // Proceedings of the 5th Interdisciplinary Cyber Research Conference 2019 : 29th of June 2019, Tallinn University of Technology. Tallinn : Tallinn University of Technology, Department of Software Science, 2019. p. 24-26.
265. Rosenbaum, O., Viigimaa, M. Telemeditsiinilised lahendused kardioloogiliste haiguste korral // Eesti Arst (2019) 8, lk. 455-460.
266. Ruberg, P., Liiv, E., Lass, K., Ellervee, P. Data analysis for embedded software performance and energy consumption estimation // 2019 IEEE 2nd Ukraine Conference on Electrical and Computer Engineering : UKRCON-2019 : conference proceedings. Danvers : IEEE, 2019. p. 928-933 : ill.
267. Ruus, M., Pappel, I., Tsap, V., Draheim, D. Enhancing public e-service delivery : recognizing and meeting user needs of youngsters in Estonia // Digital Transformation and Global Society : 4th International Conference, DTGS 2019, St. Petersburg, Russia, June 19-21, 2019 : Revised Selected Papers. Cham : Springer, c2019. p. 29-40. (Communications in Computer and Information ; 1038).
268. Saari, M., Sillberg, P., Grönman, J., Henno, J. et al. Reducing energy consumption with IoT prototyping // Acta Polytechnica Hungarica : journal of applied sciences at Budapest Polytechnic Hungary (2019) vol. 16, 9, p. 73-91 : ill.
269. Sahnoun, S., Elloumi, S., Ben Yahia, S. Event detection Based on Open Information Extraction and Ontology // Computational Collective Intelligence : 11th International Conference, ICCCI 2019, Hendaye, France, September 4-6, 2019 : proceedings, part I. Cham : Springer Nature Switzerland AG, c2019. p. 244-255 : ill.
270. Samman, F. A., Hollstein, T. Design concept and microarchitecture of network-on-chip with best-effort and guaranteed-throughput services // International journal of innovative computing, information and control (2019) vol. 15, 1, p. 305-319 : ill.
271. Samman, F. A., Hollstein, T. Network-on-Chip with equality-of-service : a local fair runtime arbitration method for global fair bandwidth share // International journal of innovative computing, information and control (2019) vol. 15, 5, p. 1821-1834.
272. Sammul, S., Jensen-Urstad, M., Johansson, J., Lenhoff, H., Viigimaa, M. Psychosocial Factors and Personality Traits and the Prevalence of Arterial Hypertension Among 35- and 55-Year-Old Men and Women in Sweden and Estonia: a SWESTONIA Longitudinal Study. High Blood Pressure & Cardiovascular Prevention // High Blood Pressure & Cardiovascular Prevention (2019) vol. 26, 6, p. 475-482.
273. Samoson, A. H-MAS // Journal of magnetic resonance (2019) vol. 306, p. 167-172 : ill.
274. Senkiv, O., Nõmm, S., Toomela, A. Applicability of spiral drawing test for mental fatigue modelling // IFAC-PapersOnLine (2019) vol. 51, 34, p. 190-195 : ill.
275. Shah, S.A., Seker, D.Z., Rathore, M.M., Ben Yahia, S., Draheim, D. Towards disaster resilient smart cities: Can internet of things and big data analytics be the game changers? // IEEE Access (2019) vol. 7, p. 91885-91903.

276. Sharma, N., Alam, M. M., Le Moullec, Y., Malik, H., Bennis, M., Päränd, S. Dynamic radio frame configuration by exploiting uplink control channel for URLLC // 2019 IEEE Wireless Communications and Networking Conference Workshop (WCNCW). [S.l.] : IEEE, 2019. 6 p. : ill.
277. Sharma, N., Kumar, A., Magarini, M. et al. Impact of CFO on low latency-enabled UAV using "Better than Nyquist" pulse shaping in GFDM // 2019 IEEE 89th Vehicular Technology Conference (VTCSpring), Kuala Lumpur, Malaysia, 28 April-1 May 2019 : proceedings. Piscataway : IEEE, 2019. 6 p. : ill.
278. Sharma, N., Magarini, M., Reggiani, L., Alam, M. M. Channel characterization at 2.4 GHz for aerial base station // Procedia computer science (2019) vol. 151, p. 1092-1099.
279. Sharma, N., Sharma, V., Magarini, M., Pervaiz, H., Alam, M. M., Le Moullec, Y. Cell coverage analysis of a low altitude aerial base station in wind perturbations // 2019 IEEE Globecom Workshops (GC Wkshps) : Proceedings. Piscataway : IEEE, c2019. 6 p.
280. Shokri-Manninen, F., Vain, J., Walden, M. Formal verification of maritime autonomous systems using UPPAAL STRATEGO // 31st Nordic Workshop on Programming Theory, NWPT 2019, Tallinn, Estonia, 13-15 November 2019 : abstracts. Tallinn : Department of Software Science, Tallinn University of Technology, c2019. p. 58-61 : ill.
281. Simha, A., Kotta, Ü. A linear filtering framework for nonlinear systems based on extended output injection // IFAC-PapersOnLine (2019) vol. 52, 16, p. 274-279.
282. Simha, A., Raha, S. A Riemannian geometric approach to output tracking for nonholonomic systems // IFAC-PapersOnLine (2019) vol. 52, 16, p. 144-149.
283. Sleptšuk, N., Lebedev, A.A., Eliseyev, I., Korolkov, O., Toompuu, J., Land, R., Mikli, V., Zubov, A., Rang, T. Comparative investigation of the graphene-on-silicon carbide and CVD graphene as a basis for biosensor application // Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia. Zurich : Trans Tech Publications, 2019. p. 185-190 : ill. (Key engineering materials ; 799).
284. Sobociński, P. A Compositional approach to signal flow graphs // 31st Nordic Workshop on Programming Theory, NWPT 2019, Tallinn, Estonia, 13-15 November 2019 : abstracts. Tallinn : Department of Software Science, Tallinn University of Technology, c2019. p. 2.
285. Soveri, I., Molne, J., Uhlin, F. et al. The IgG-degrading enzyme of *Streptococcus pyogenes* causes rapid clearance of anti-glomerular basement membrane antibodies in patients with refractory anti-glomerular basement membrane disease // *Kidney International* (2019) vol. 96, 5, p. 1234-1238.
286. Spitšakova, M., Belikov, J., Nõu, K., Petlenkov, E. Feature engineering for short-term forecast of energy consumption // Proceedings of 2019 IEEE PES : Innovative Smart Grid Technologies Europe : (ISGT-Europe), Bucharest Romania, 29 September - 2 October, 2019. Danvers : IEEE, 2019. 5 p. : ill.
287. Staaf, K., Uhlin, F. Cannulation with sharp or blunt needles for haemodialysis : The importance of cannulation technique for the patient's lifeline // *Journal of Vascular Access* (2019) vol. 20, 2, p. 161-168 : ill.
288. Suran, S., Pattanaik, V., Ben Yahia, S., Draheim, D. Exploratory analysis of collective intelligence projects developed within the EU-Horizon 2020 framework // Computational Collective Intelligence : 11th International Conference, ICCCI 2019, Hendaye, France, September 4-6, 2019 : proceedings, part II. Cham : Springer Nature Switzerland AG, c2019. p. 285-296. (Lecture notes in artificial intelligence ; 11684).
289. Sõmer, T. Taxonomies of cybercrime : an overview and proposal to be used in mapping cyber criminal journeys // Abstracts and conference materials for the 18th European Conference on Cyber Warfare and Security, University of Coimbra Portugal, 4-5th July 2019. : Academic Conferences and Publishing International Limited, 2019. p. 56.

290. Sömer, T. Taxonomies of cybercrime: an overview and proposal to be used in mapping cyber criminal journeys // Proceedings of the 18th European Conference on Cyber Warfare and Security, University of Coimbra Portugal, 4-5th July 2019. : Academic Conferences and Publishing International Limited, 2019. p. 475-483.
291. Sömer, T., Lorenz, B., Ottis, R. Developing military cyber workforce in a conscript armed forces: recruitment, challenges and options // 14th International Conference on Cyber Warfare and Security (ICCWS 2019) : Stellenbosch University, South Africa, 28 February - 1 March 2019 : proceedings. Red Hook : Academic Conferences and Publishing International Limited, 2019. p. 413–421.
292. Škiparev, V., Belikov, J., Petlenkov, E. NN-SANARX model based control of a water tank system using embedded microcontroller arduino // Proceedings of the 2019 10th IEEE International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications : IDAACS'2019, 18-21 Sept. 2019. Danvers : IEEE, 2019. p. 372-377 : ill.
293. Zakraoui, J., Elloumi, S., AlJa'am, J. M., Ben Yahia, S. Improving Arabic text to image mapping using a robust machine learning technique // IEEE Access (2019) vol. 7, p. 18772 - 18782 : ill.
294. Zargari, N., Levron, Y., Belikov, J. Optimal control of energy storage devices based on pontryagin's minimum principle and the shortest path method // Proceedings of 2019 IEEE PES : Innovative Smart Grid Technologies Europe : (ISGT-Europe), Bucharest Romania, 29 September - 2 October, 2019. Danvers : IEEE, 2019. 5 p.
295. Zekri, M., Ben Yahia, S., Hilali-Jaghdam, I. A Software Prototype for Multidimensional Design of Data Warehouses Using Ontologies // Computational Collective Intelligence : 11th International Conference, ICCCI 2019, Hendaye, France, September 4-6, 2019 : proceedings, part II. Cham : Springer Nature Switzerland AG, c2019. p. 273-284 : ill. (Lecture notes in artificial intelligence ; 11684).
296. Zemtsovskaja, G., Pilt, K., Abina, J., Meigas, K., Viigimaa, M. The Association of pulse wave velocity with blood pressure and biochemical cardiovascular risk markers in young Tallinn adults // Atherosclerosis (2019) vol. 287, p. e167-e168.
297. Zemtsovskaja, G., Pilt, K., Samarin, A., Abina, J., Meigas, K., Viigimaa, M. Construction of gender-specific regression models for aortic length estimation based on computed tomography images // Health and technology (2019) vol. 10, p. 679-687 : ill.
298. Zhang, J., Cui, B., Jiang, Z., Chen, J. A PD-type iterative learning algorithm for semi-linear distributed parameter systems with sensors/actuators // IEEE Access (2019) vol. 7, p. 159037 - 159047 : ill.
299. Zhou, Y., Chen, J., Cui, B. Observer design for boundary coupled fractional order distributed parameter systems // ICCMA 2019 : proceedings of the 7th International Conference on Control, Mechatronics and Automation. Piscataway : IEEE, 2019. p. 384-388 : ill.
300. Tabuyo-Benito, R., Bahsi, H., Peris-Lopez, P. Forensics analysis of an on-line game over Steam Platform // Cham : Springer, 2019. p. 106-127. (Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering; 259).
301. Talpsepp, T., Vaarmets, T. The disposition effect, performance, stop loss orders and education // Journal of behavioral and experimental finance (2019) vol. 24, art. 100240, 6 p. : ill.
302. Talpur, A., Shaikh, F. K., Baloch, N., Felemban, E., Khelil, A., Alam, M. M. Validation of wired and wireless interconnected body sensor networks // Sensors (2019) vol. 19, 17, art. 3697, 23 p. : ill.
303. Tammets, T. GKC: A reasoning system for large knowledge bases // Automated Deduction - CADE 27 : 27th International Conference on Automated Deduction, Natal, Brazil, August 27-30, 2019 : proceedings. Cham : Springer Nature Switzerland AG, 2019. p. 538-549. (Lecture notes in computer science ; 11716).
304. Tavi, L., Alumäe, T., Werner, S. Recognition of creaky voice from emergency calls // INTERSPEECH 2019 : "Crossroads of speech and language" : Grac-Austria, September 15th-19th 2019. [S.l.] : International Speech Communication Association, 2019. p. 191.
305. Tavi, L., Alumäe, T., Werner, S. Recognition of creaky voice from emergency calls // Interspeech 2019 : 15-19 September 2019, Graz. [S.l.] : International Speech Communication Association, 2019. p. 1990-1994 : ill.
306. Teichmann, M. Tööandjal uued kohustused // Personali Praktik : Pp (2019) veebr., lk. 36-37

307. Tepandi, J., Grandry, E., Fieten, S., Draheim, D., Piho, G. et al. Towards a Cross-Border Reference Architecture for the Once-Only Principle in Europe : An Enterprise Modelling Approach // The Practice of Enterprise Modeling : 12th IFIP Working Conference, PoEM 2019, Luxembourg, Luxembourg, November 27-29, 2019 : proceedings. Cham : IFIP, c2019. p. 103-117. (Lecture notes in business information processing ; 369).
308. Tepljakov, A., Petlenkov, E., Belikov, J. FOMCON toolbox for modeling, design and implementation of fractional-order control systems // Handbook of fractional calculus with applications. Berlin, Boston : De Gruyter, 2019. p. 211-236. (Applications in control ; 6).
309. Tepljakov, A., Riid, A., Pihlak, R., Vassiljeva, K., Petlenkov, E. Deep learning for detection of pavement distress using nonideal photographic images // 2019 42nd International Conference on Telecommunications and Signal Processing (TSP). [S.l.] : IEEE, 2019. p. 195-200 : ill.
310. Tepljakov, A., Vunder, V., Petlenkov, E., Kaparin, V., Belikov, J. et al. Fractional-order modeling and control of ionic polymer-metal composite actuator // Smart materials and structures (2019) vol. 28, 8, 12 p. : ill.
311. Titma, T., Nazarenko, S. Compounding radiopharmaceuticals: any regulatory difference with extemporaneous preparation? // International Symposium on Trends in Radiopharmaceuticals, 28 October - 1 November 2019, Vienna, Austria : Programme & Abstracts. Vienna : International Atomic Energy Agency, 2019. p. 94.
312. Titma, T., Ruuben, L., Drews, M. Compounding, extemporaneous prepare or reconstitution of the radiopharmaceuticals // EDQM and European pharmacopoeia: state-of-the-art science for tomorrow's medicines, 19-20 June 2019, Strasbourg, France : poster session. Strasbourg : COE EDQM Publications, 2019. p. 28 : ill.
313. Tomingas, K., Järv, P., Tammet, T. Computing data lineage and business semantics for data warehouse // Knowledge Discovery, Knowledge Engineering and Knowledge Management : 8th International Joint Conference, IC3K 2016, Porto, Portugal, November 9-11, 2016 : Revised Selected Papers. Cham : Springer Nature Switzerland AG, 2019. p. 101-124. (Communications in computer and information science ; 914).
314. Toomela, A., Nõmm, S., Kõnussaar, T., Tammik, V. Why behavioral indicators may fail to reveal mental states : individual differences in arousal-movement pattern relationships // Frontiers in psychology (2019) vol. 10, art. 270, 8 p. : ill.
315. Torim, A., Raun, K., Mets, M. Covering concept lattices with concept chains // Graph-Based Representation and Reasoning : 24th International Conference on Conceptual Structures, ICCS 2019 : Marburg, Germany, July 1-4, 2019 : proceedings. Cham : Springer, c2019. p. 190-203 : ill. (Lecture notes in artificial intelligence ; 11530, Lecture notes in computer science ; 11530).
316. Tsap, V., Pappel, I., Draheim, D. Factors affecting e-ID public acceptance : a literature review // Electronic Government and the Information Systems Perspective : 8th International Conference, EGOVIS 2019 : Linz, Austria, August 26-29, 2019 : proceedings. Cham : Springer International Publishing AG, c2019. p. 176-188 : tab. (Lecture notes in computer science ; 11709, Information Systems and Applications, incl. Internet/Web, and HCI ; 11709).
317. Tsulukidze, M., Nyman-Metcalf, K., Tsap, V., Pappel, I., Draheim, D. Aspects of Personal Data Protection from State and Citizen Perspectives - Case of Georgia // Digital Transformation for a Sustainable Society in the 21st Century 18th IFIP WG 6.11 : Conference on e-Business, e-Services, and e-Society, I3E 2019 Trondheim, Norway, September 18-20, 2019 : proceedings. Cham : Springer, c2019. p. 476-488. (Lecture notes in computer science ; 11701).
318. Ubar, R. "Tervis ruudus", ehk, Tippkeskuse CEBE lugu // Teadusmõte Eestis (X). Tehnikateadused. 3 : [artiklikogumik]. Tallinn : Argo, 2019. lk. 200-215 : ill., fot. (Teadusmõte Eestis ; 10).
319. Ubar, R., Jürimägi, L., Oyeniran, A. S., Jenihhin, M. True path tracing in structurally synthesized BDDs for testability analysis of digital circuits // Euromicro Conference on Digital System Design : DSD 2019 : 28 - 30 August 2019 Kallithea, Chalkidiki, Greece : proceedings. Danvers : IEEE, c2019. p. 492-499 : ill.

320. Udal, A., Kukk, V., Jaanus, M., Umbleja, K., Piho, G. Student behavior changes in Estonia revealed by e-learning technology // Digital Turn in Schools - Research, Policy, Practice : proceedings of ICEM 2018 Conference. Singapore : Springer, c2019. p. 83-90. (Lecture notes in educational technology).
321. Uhlin, F., Fernström, A., Knapen, M.H.J. et al. Long-term follow-up of biomarkers of vascular calcification after switch from traditional hemodialysis to online hemodiafiltration // Scandinavian journal of clinical & laboratory investigation (2019) vol. 79, 3, p. 174-181.
322. Ulp, S., Le Moullec, Y., Alam, M.M. Energy-efficient distributed leader selection algorithm for energy-constrained wireless sensor networks // IEEE Access (2019) vol. 7, p. 4410-4421 : ill.
323. Vaarmets, T., Liivamägi, K., Talpsepp, T. From academic abilities to occupation : What drives stock market participation? // Emerging markets review (2019) vol. 39, p. 83-100 : tab.
324. Vain, J., Kanter, G., Anier, A. Learning timed automata from interaction traces // IFAC-PapersOnLine (2019) vol. 52, 19, p. 205-210.
325. Vain, J., Tsiopoulos, L., Kharchenko, V., Kaur, A., Jenihhin, M., Raik, J., Nömm, S. Energy-efficient multi-fragment Markov model guided online model-based testing for MPSoC // Green IT Engineering: Social, Business and Industrial Applications. Cham : Springer Nature Switzerland AG, 2019. p. 273-297. (Studies in systems, decision and control ; 171).
326. Vedešin, A., Dogru, J. M. U., Liiv, I., Draheim, D., Ben Yahia, S. A Digital ecosystem for personal manufacturing : an architecture for cloud-based distributed manufacturing operating systems // MEDES '19 : A Digital Ecosystem for Personal Manufacturing : An Architecture for Cloud-based Distributed Manufacturing Operating Systems : proceedings. New York : Association for Computing Machinery, 2019. p. 224-228 : ill.
327. Velmre, E. Thomas Johann Seebeck ja tema panus tänapäeva teadusesse ja tehnikasse // Elektriala (2019) 3, lk. 28-29 : ill; 4, lk. 28-29 : ill; 5, lk. 26-27 : fot.
328. Veltri, N., Vezzosi, A. The early π -calculus in ticked cubical type theory // 31st Nordic Workshop on Programming Theory, NWPT 2019, Tallinn, Estonia, 13-15 November 2019 : abstracts. Tallinn : Department of Software Science, Tallinn University of Technology, c2019. p. 77-80.
329. Viigimaa, M. 2019. aasta Euroopa düslipideemiajuhendis on rõhk agressiivsel ravil // Eesti Arst (2019) 10, lk. 597-600 : ill.
330. Viigimaa, M. Bioloogiline ravi hüperlipideemia korral // Bioloogiline ravi : [ajakirja Perearst] erinumbr (2019) jaan., lk. 39-43 : portr.
331. Waheed, M., Talha, S., Ahmad, R., Kiani, A. K., Alam, M. M., Ahmed, W. Network coding and hierarchical modulation for energy efficient cooperative WBAN // International journal of distributed systems and technologies (2019) vol. 10, 3, p. 90-111.
332. Wilde, A. de, Reimand, J., Teunissen, C. E., Zwan, M. et al. Discordant amyloid- β PET and CSF biomarkers and its clinical consequences // Alzheimer's Research & Therapy (2019) vol. 11, art. 78, 13 p. : ill.
333. Yeferny, T., Hamad, S., Ben Yahia, S. Query learning-based scheme for pertinent resource lookup in Mobile P2P network // IEEE Access (2019) vol. 7, p. 49059-49068.
334. Yngman-Uhlin, P., Kjellsdotter, A., Uhlin, F., Edéll-Gustafsson, U. Sleep quality, fatigue, and health-related quality of life in patients on initial peritoneal dialysis and multiple modalities after two years : a prospective study // Nephrology nursing journal (2019) vol. 46, 6, p. 615-649.
335. Yousefzadeh, S., Basharkhah, K., Raik, J., Jenihhin, M. et al. An Accelerator-based architecture utilizing an efficient memory link for modern computational requirements // 2019 IEEE East-West Design & Test Symposium (EWDTS). [S.l.] : IEEE, 2019. 6 p. : ill.
336. Yrjökoski, K., Jaakkola, H., Systä, K., Mikkonen, T., Henno, J. Software business : A short history and trends for the future // Eighth Workshop on Software Quality Analysis, Monitoring, Improvement, and Applications : SQAMIA 2019 : Ohrid, North Macedonia, 22 - 25. 09. 2019 : proceedings. Novi Sad : University of Novi Sad, Faculty of Sciences, Department of mathematics and informatics, 2019. p. 18-18:18.
337. Корольков, О.М., Слепчук, Н., Тоомруу, J., Rang, T. et al. Низкотемпературный отжиг слабелегированных слоев n-4H-SiC после облучения быстрыми электронами // Физика и полупроводников (2019) вып. 7, с. 991-994.

338. Aksjonov, A. Research and development of computational-intelligence-based safety Systems for ground vehicles = Tehisintellekti meetoditel põhinevate ohutussüsteemide uurimine ja arendamine maapealsete sõidukite jaoks. Tallinn : TalTech Press, 2019. 197 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 38/2019).
339. Altpere, A., Eero, P., Hanni, H., Lukas, S., Pachel, K. et al.(koost.). Hoone kanalisatsioon [Võrguteavik] = Draining system inside buildings. Tallinn : Eesti Standardikeskus, [2019]. 1 võrguväljaanne (48 lk., pdf) : ill. (Eesti standard ; EVS 846:2013).
340. Asten, A., Ess, M., Kilk, A. jt. Tänapäeva mesindus : käsiraamat. Tallinn : Eesti Mesinike Liit, 2019. 350 lk. : ill.
341. Denissova, N. (koost.). Aastaraamat 2018 / Tallinna Tehnikaülikool, Virumaa Kolledž. Kohtla-Järve : Tallinna Tehnikaülikooli Virumaa Kolledž, 2019. 76 lk. : ill.
342. Eesti põlevkivitööstuse aastaraamat 2018. [Tallinn] : Eesti Energia, Viru Keemia Grupp, Kiviõli Keemiatööstus, TTÜ Virumaa Kolledži Põlevkivi kompetentsikeskus, [2019]. 47 lk. : ill.
343. Haavajõe, A. Development of equipment and mathematical model for manufacturing of steered fibre laminate = Seadmete ja matemaatilise mudeli arendamine muutuva kiuga laminaadi valmistamiseks. 2019 : TalTech Press, 2019. 90 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 62/2019).
344. Helin, K., Perret, J., Kuts, V. (eds.). The application track, posters and demos of EuroVR : Proceedings of the 16th Annual EuroVR Conference - 2019. [S.l.] : VTT, c2019. 129 p. : ill. (VTT technology ; 357).
345. Holovenko, Y. 3D printed metal and metal-ceramic cellular lattice structures for wear and thermoacoustic applications = 3D prinditud metall- ja metall-keramiilised kõrgvõre struktuurid triboloogiliste- ja termoakustilistele rakendustele. Tallinn : TalTech Press, 2019. 118 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 33/2019).
346. Hääl, K. (tlk.). Hoonete energiatõhusus [Võrguteavik] : hoonete ventilatsioon. Osa 1, Sisekeskkonna lähteandmed hoonete energiatõhususe projekteerimiseks ja hindamiseks, lähtudes siseõhu kvaliteedist, soojuslikust keskkonnast, valgustusest ja akustikast. Moodul M1-6 = Energy performance of buildings : ventilation for buildings. Part 1, Indoor environmental input parameters for design and assessment of energy performance of buildings addressing indoor air quality, thermal environment, lightning and acoustics. Module M1-6. Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (82 lk., pdf) : ill. (Eesti standard ; EVS-EN 16798-1:2019).
347. Hääl, K. (tlk.). Hoonete energiatõhusus [Võrguteavik] : hoonete ventilatsioon. Osa 1, Sisekeskkonna lähteandmed hoonete energiatõhususe projekteerimiseks ja hindamiseks, lähtudes siseõhu kvaliteedist, soojuslikust keskkonnast, valgustusest ja akustikast. Moodul M1-6 = Energy performance of buildings : ventilation for buildings. Part 1, Indoor environmental input parameters for design and assessment of energy performance of buildings addressing indoor air quality, thermal environment, lightning and acoustics. Module M1-6. Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (114 lk., pdf) : ill. (Eesti standard ; EVS-EN 16798-1:2019+NA:2019).
348. Hääl, K. (tlk.). Hoonete ventilatsioon [Võrguteavik] : ventilatsiooni keskseadmed. Keskseadmete komponentide ja sektsioonide valik ja toimimine = Ventilation for buildings : air handling units. Rating and performance for units, components and sections. Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (74 lk., pdf) : ill. (Eesti standard ; EVS-EN 13053:2006+A1:2011).
349. Inseneriteaduskond : bakalaureuseõppekavad 2019/2020 / TalTech. [Tallinn] : Tallinna Tehnikaülikool, [2019]. 31 lk. : ill.
350. Ivask, M. (koost.). Mullaelustik. [Tartu] : [Eesti Maaülikool], 2019. [18] lk. : ill. (Mulla ABC ; 4).

351. Janno, J. Risk management model : human factor related risks and their impacts in road transportation of dangerous goods = Riskide haldamise mudel : inimteguriga seotud riskid ja nende mõjud ohtlike kaupade autoveol. Tallinn : TTÜ Press, 2019. 142 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 7/2019).
352. Jarkovoi, M. Harmonic current summation using probabilistic bivariate modelling = Vooluharmoonikute summeerimine rakendades kahe muutujaga tõenäosuslikku modelleerimist. Tallinn : TalTech Press, 2019. 122 p. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 59/2019).
353. Javed, K. Electrospinning of nanofibrous composites with cellulose acetate, ionic liquids and graphene oxide = Tselluloosatsetaadi, ioonsete vedelike ja grafeenoksiidi nanokiuliste komposiitide elektroketrus. Tallinn : TalTech Press, 2019. 96 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 39/2019).
354. Kalamees, T., Just, A., Semjonov, M., Teder, A., Deemant, M. Proceedings of the I Forum Wood Building Baltic, 2019 : [27.02-1.03.2019, Tallinn]. [Tallinn] : [Tallinna Tehnikaülikooli Kirjastus], [2019]. 109, [21] lk. : ill.
355. Kallakas, H. The influence of birch (*Betula pendula*) false heartwood on the mechanical properties of wood-plastic composites = Kase (*Betula pendula*) väärülipuidu mõju puitplastkomposiitide mehaanilistele omadustele. Tallinn : TalTech Press, 2019. 113 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 29/2019).
356. Karjust, K., Kübarsepp, J., Otto, T., Hussainova, I. (eds.). Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia. Zurich : Trans Tech Publications, c2019. x, 307 p. : ill. (Key engineering materials ; 799).
357. Kervališvili, A. Stability of compressed steel elements in fire conditions : a probabilistic approach = Surutud teraselementide stabiilsus tulekahju olukorras : tõenäoslik käsitlus. Tallinn : TalTech Press, 2019. 218 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 63/2019).
358. Kilter, J. (tlk.). Avalike elektrivõrkude pinge tunnussuurused [Võrguteavik] = Voltage characteristics of electricity supplied by public electricity networks. Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (56 lk., pdf) : ill. (Eesti standard ; EVS-EN 50160:2010+A1+A2+A3:2019).
359. Kilter, J. (tlk.). Avalike elektrivõrkude pinge tunnussuurused [Võrguteavik] = Voltage characteristics of electricity supplied by public electricity networks. Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (12 lk., pdf) : ill. (Eesti standard ; EVS-EN 50160:2010/A2:2019).
360. Kilter, J. (tlk.). Avalike elektrivõrkude pinge tunnussuurused [Võrguteavik] = Voltage characteristics of electricity supplied by public electricity networks. Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (8 lk., pdf). (Eesti standard ; EVS-EN 50160:2010/A3:2019).
361. Korõtko, T. Research and development of electricity auction for microgrids = Mikrovõrkude elektrioksjoni uurimine ja väljatöötamine. Tallinn : TalTech Press, 2019. 150 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 34/2019).
362. Kosenko, R. Bidirectional isolated current-fed soft-switching secondary-modulated DC-DC converters = Isoleeritud kahesuunalised voolutoitelised pehmelülituse ja sekundaarmodulatsiooniga alalisvoolumuundurid. Tallinn : TTÜ Press, 2019. 192 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 3/2019).
363. Kroon, K., Risthein, E. (tlk.). Madalpingelised elektripaigaldised. Osa 7-709, Nõuded eripaigaldistele ja -paikadele. Sadamad (sh huvisõidusadamad) ja muud samalaadsed paigad. Erinõuded laevade kaldatoitele [Võrguteavik] = Low-voltage electrical installations. Part 7-709, Requirements for special installations or locations. Harbours, marinas and similar locations. Special requirements for shore supply to ships (IEC 60364-7-709:2007, modified+IEC 60364-7-709:2007/A1:2012). Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (36 lk., pdf) : ill. (Eesti standard ; EVS-HD 60364-7-709:2009+A1+A11+A12:2019).

364. Kulderknup, E. (tlk.). Temperatuurimeerikud temperatuuritundlike kaupade transpordil, ladustamisel ja levitamisel [Võrguteavik] : katsed, toimimine, sobivus = Temperature records for the transport, storage and distribution of temperature sensitive goods : tests, performance, suitability. Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (90 lk., pdf) : ill. (Eesti standard ; EVS-EN 12830:2018).
365. Kulu, P.; (toim.) Hendre, E. Pronksiajast läbi rauaaja tänapäeva. Vask ; Pronksiajast läbi rauaaja tänapäeva. Raud. Tallinn : [Tallinna Tehnikaülikooli Kirjastus], 2019. 62, 94 lk. : ill.
366. Kurnitski, J. (koost.). Hoonete energiatõhusus [Võrguteavik] : hoonete ventilatsioon. Osa 1, Sisekeskkonna lähteandmed hoonete energiatõhususe projekteerimiseks ja hindamiseks, lähtudes siseõhu kvaliteedist, soojuslikust keskkonnast, valgustusest ja akustikast. Moodul M1-6 : Eesti standardi rahvuslik lisa = Energy performance of buildings : ventilation for buildings. Part 1, Indoor environmental input parameters for design and assessment of energy performance of buildings addressing indoor air quality, thermal environment, lightning and acoustics. Module M1-6 : Estonian National Annex. Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (36 lk., pdf) : ill. (Eesti standard ; EVS-EN 16798-1:2019/NA:2019).
367. Kurnitski, J., Thalfeldt, M., Ferrantelli, A. (eds.). Energy performance and indoor climate analysis in buildings. Basel : MDPI, 2019. vii, 362 p. : ill. (Energy and buildings : a section of Energies).
368. Kuts, V. Novel digital twin development methodology for the robot cell connectivity in a smart industry environment = Uudne digitaalsete kaksikute arendusmetoodika robottootmisrakkude sidustamiseks targa tööstuse keskkonnas. Tallinn : TalTech Press, 2019. 131 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 35/2019).
369. Kübarsepp, J. (koost.) ; (toim.) Soomere, T. Teadusmõte Eestis : [artiklikogumik]. 10, Tehnikateadused. 3. Tallinn : Argo, 2019. 237 lk. : ill. (Teadusmõte Eestis ; 10).
370. Kütt, L., Pettai, E., Müür, M., Maask, V., Lehtla, T. jt. MechMate õppematerjalid [Võrguteavik]. Tallinn : E. Pettai, 2019. 1 võrguväljaanne (984 lk., eraldi pag., pdf) : ill.
371. Laanearu, J. Rakenduslik hüdromehaanika. Tallinn : TTÜ Kirjastus, 2019. 236 lk. : ill.
372. Laaneots, R., Kulderknup, E., Lillepea, L., Odrats, I., Orav, M. (koost.). Kütusetankurid [Võrguteavik] : taatlusmetoodika = Fuel dispensers : verification procedure. Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (20 lk., pdf) : ill.
373. Laaneots, R., Kulderknup, E., Lillepea, L., Odrats, I., Orav, M. (koost.). Mitteautomaatkaalud [Võrguteavik] : taatlusmetoodika = Non-automatic weighing instruments : verification procedure. Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (28 lk., pdf) : ill. (Eesti standard ; EVS 912:2019).
374. Laansoo, A. (tlk.). Keevitamine ja külgnevad protsessid [Võrguteavik] : keevitusasendid = Welding and allied processes : welding positions (ISO 6947:2019). Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (28 lk., pdf) : ill. (Eesti standard ; EVS-EN ISO 6947:2019).
375. Laansoo, A. (tlk.). Keevitus ja külgnevad protsessid [Võrguteavik] : tingmärkidega tähistamine joonistel. Keevisliited = Welding and allied processes : symbolic representation on drawings. Welded joints (ISO 2553:2019). Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (64 lk., pdf) : ill. (Eesti standard ; EVS-EN ISO 2553:2019).
376. Laansoo, A. (tlk.). Metallide keevitusprotseduuride spetsifitseerimine ja kvalifitseerimine [Võrguteavik] : keevitusprotseduuri katse. Osa 1, Teraste kaar- ja gaaskeevitus ning nikli ja niklisulamite kaarkeevitus = Specification and qualification of welding procedures for metallic materials : welding procedure test. Part 1, Arc and gas welding of steels and arc welding of nickel and nickel alloys (ISO 15614-1:2017, Corrected version 2017-10-01+ISO 15614-1:2017/Amd 1:2019). Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (56 lk., pdf) : ill. (Eesti standard ; EVS-EN ISO 15614-1:2017+A1:2019).
377. Laansoo, A. (tlk.). Metallide keevitusprotseduuride spetsifitseerimine ja kvalifitseerimine [Võrguteavik] : üldreeglid = Specification and qualification of welding procedures for metallic materials : general rules (ISO 15607:2019). [Tallinn] : Eesti Standardikeskus, 2019. 1 võrguväljaanne (20 lk., pdf). (Eesti standard ; EVS-EN ISO 15607:2019).

378. Lauk, P. New technological solutions to improve the aerodynamic characteristics of an aircraft wing = Õhusõidukite tiiva aerodünaamiliste omaduste parandamine uute tehnoloogiliste lahenduste abil. Tallinn : TalTech Press, 2019. 186 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 30/2019).
379. Lehtla, M. (tlk.). Elektrimõõteseadmed vahelduvvoolule. Osa 1, Üldnõuded, katsetused ja katsetingimused. Klassidesse A, B ja C kuuluvad arvestid [Võrguteavik] = Electricity metering equipment (a.c.). Part 1, General requirements, tests and test conditions. Metering equipment (class indexes A, B and C). Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (16 lk., pdf). (Eesti standard ; EVS-EN 50470-1:2007/A1:2019).
380. Lehtla, M. (tlk.). Elektrimõõteseadmed vahelduvvoolule. Osa 2, Erinõuded. Elektromehaanilised aktiivenergia arvestid (klass A ja B) [Võrguteavik] = Electricity metering equipment (a.c.). Part 2, Particular requirements. Electromechanical meters for active energy (class indexes A and B). Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (12 lk., pdf). (Eesti standard ; EVS-EN 50470-2:2007/A1:2019).
381. Lehtla, M. (tlk.). Elektrimõõteseadmed vahelduvvoolule. Osa 3, Erinõuded. Staatilised aktiivenergia arvestid (klass A, B ja C) [Võrguteavik] = Electricity metering equipment (a.c.). Part 3, Particular requirements. Static meters for active energy (class indexes A, B and C). Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (12 lk., pdf). (Eesti standard ; EVS-EN 50470-3:2007/A1:2019).
382. Lehtla, T. (tlk.). Madalpingelised elektripaigaldised. Osa 8-1, Talituslikud aspektid [Võrguteavik] : energiatõhusus = Low-voltage electrical installations. Part 8-1, Functional aspects : energy efficiency (IEC 60364-8-1:2019). Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (78 lk., pdf) : ill. (Eesti standard ; EVS-HD 60364-8-1:2019).
383. Lehtla, T. (tlk.). Madalpingelised elektripaigaldised. Osa 8-2, Tootevõtjate madalpingelised elektripaigaldised [Võrguteavik] = Low-voltage electrical installations. Part 8-2, Prosumer's low-voltage electrical installations (IEC 60364-8-2:2019). Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (58 lk., pdf) : ill. (Eesti standard ; EVS-HD 60364-8-2:2019+A11:2019).
384. Leinemann, I. Chemical processes involved in Cu₂ZnSnSe₄ synthesis and SnS recrystallization in a molten salt medium = Keemilised protsessid Cu₂ZnSnSe₄ sünteesil ja SnS rekristallisatsioonil sulade soolade keskkonnas. Tallinn : TTÜ Press, 2019. 216 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 5/2019).
385. Leosk, V., Aeg, K., Tuisk, T. jt. Betoonelementide tolerantsid. Tallinn : Eesti Betooniühing, 2019. 51 lk. : ill. (BÜ / Eesti Betooniühing ; 9, 2019).
386. Liias, R. (tlk.). Hooldus [Võrguteavik] : hoolduse võtmenäitajad = Maintenance : maintenance Key Performance Indicators. Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (52 lk., pdf) : ill. (Eesti standard ; EVS-EN 15341:2019).
387. Liivik, E. (ed.). 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. [Tallinn] : TALTECH, 2019. 249 p. : ill.
388. Lill, I., Witt, E. (eds.). Proceedings of the 10th Nordic Conference on Construction Economics and Organization (CEO 2019), May 7-8, 2019, Tallinn, Estonia., : Emerald Group Publishing Limited, 2019. 490 p. (Emerald reach proceedings series ; 2).
389. Loorens, J., Lehtla, M. (tlk.). Elektrimõõteseadmed vahelduvvoolule. Osa 1, Üldnõuded, katsetused ja katsetingimused. Klassidesse A, B ja C kuuluvad arvestid [Võrguteavik] = Electricity metering equipment (a.c.). Part 1, General requirements, tests and test conditions. Metering equipment (class indexes A, B and C). Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (56 lk., pdf). (Eesti standard ; EVS-EN 50470-1:2007+A1:2019).
390. Loorens, J., Lehtla, M. (tlk.). Elektrimõõteseadmed vahelduvvoolule. Osa 2, Erinõuded. Elektromehaanilised aktiivenergia arvestid (klass A ja B) [Võrguteavik] = Electricity metering equipment (a.c.). Part 2, Particular requirements. Electromechanical meters for active energy (class indexes A and B). Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (32 lk., pdf) : ill. (Eesti standard ; EVS-EN 50470-2:2007+A1:2019).

391. Loorens, J., Lehtla, M. (tlk.). Elektrimõõteseadmed vahelduvvoolule. Osa 3, Erinõuded. Staatilised aktiivenergia arvestid (klass A, B ja C) [Võrguteavik] = Electricity metering equipment (a.c.). Part 3, Particular requirements. Static meters for active energy (class indexes A, B and C). Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (40 lk., pdf) : ill. (Eesti standard ; EVS-EN 50470-3:2007+A1:2019).
392. Mahmood, K. Reliability management approach for a virtual enterprise of SMEs in a manufacturing domain = Usaldusväarsuse juhtimise raamistik tootmisvaldkonna väikese ja keskmise suurusega virtuaalettevõtetele. Tallinn : TTÜ Press, 2019. 124 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 2/2019).
393. Mere, T. Introduction to minimize sunk costs in electricity network tariff = Sissejuhatus uppunud kulude minimeerimiseks elektrivõrgu tariifis. Tallinn : TalTech Press, 2019. 84 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 51/2019).
394. Muna, M. Hazard evaluation of metal-based nanoparticles and lanthanides with freshwater microcrustaceans = Metalliliste nanoosakeste ja lantaniidide kahjulikkuse hindamine magevee pisivähkidega. Tallinn : TTÜ Press, 2019. 169 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 13/2019).
395. Neubauer, C. Spatially resolved opto-electronical investigations of monograin layer solar cells = Monoteraliste päikesepatareide ruumilise lahutusega optoelektronsed uuringud. Tallinn : TalTech Press, 2019. 101 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 22/2019).
396. Nurme, S. Understanding the role of 18th century Estonian manor ensembles in contemporary planning and conservation = Eesti 18. sajandi mõisaansamblid 21. sajandi maastikuplaneerimises : avastamine, mõistmine, tõlgendamine. Tallinn : TalTech Press, 2019. 245 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 32/2019).
397. Nutt, N. (toim.). Acta architecturae naturalis = Maastikuarhitektuurseid uurimusi. 5. Tallinn : Tallinna Tehnikaülikool, 2019. 83 lk. : ill.
398. Nuuter, T. (tlk.). Ehitushanke kulukontroll. [Tallinn] : ET Infokeskus, 2019. 116 lk. : ill.
399. Oidram, R. (tlk.). Jõutrafod. Osa 7, Mineraalõlitäitega jõutrafode koormusjuhend [Võrguteavik] = Power transformers. Part 7, Loading guide for mineral-oil-immersed power transformers (IEC 60076-7:2018, identical). Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (92 lk., pdf) : ill. (Eesti standard ; EVS-IEC 60076-7:2019).
400. Oldekop, N. Investigation of the eddy viscosity for a breaking wave in the surf zone = Turbulentse viskoossusteguri määramine murdlaine piirkonnas ranna-alal. Tallinn : TalTech Press, 2019. 125 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 55/2019).
401. Omranpour Shahreza, B. Severe plastic deformation of metals by using high pressure torsion extrusion = Metallide süvoplastne deformeerimine kõrgsurve-väändeekstrusiooni meetodil. Tallinn : TalTech Press, 2019. 162 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 61/2019).
402. Otto, T., Järv, J. (eds.). Proceedings of the Estonian Academy of Sciences, Special issue of Modern Materials and Manufacturing 2019. Vol. 68, 4. Tallinn : Estonian Academy Publishers, 2019. [84 p.] : ill.
403. Pello, J. (tlk. ja koost.) Eurokoodeks 2 [Võrguteavik] : betoonkonstruktsioonide projekteerimine. Osa 1-2, Üldreeglid. Tulepüsivus = Eurocode 2 : design of concrete structures. Part 1-2, General rules. Structural fire design. Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (118 lk., pdf) : ill. (Eesti standard ; EVS-EN 1992-1-2:2005+NA+A1:2019).
404. Pello, J. (tlk.). Eurokoodeks 2 [Võrguteavik] : betoonkonstruktsioonide projekteerimine. Osa 1-2, Üldreeglid. Tulepüsivus = Eurocode 2 : design of concrete structures. Part 1-2, General rules. Structural fire design. Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (36 lk., pdf) : ill. (Eesti standard ; EVS-EN 1992-1-2:2005/A1:2019).

405. Pikas, E. Causality and interpretation : integrating the technical and social aspects of design = Põhjuslikkus ja tõlgendamine : projekteerimise tehniliste ja sotsiaalsete aspektide sidumine. Helsinki : Aalto University, 2019. 281 p. : ill. (Aalto University publication series. Doctoral dissertations ; 73/2019, Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 18/2019).
406. Poltimäe, T. (tlk. ja eksp.) Laste mööbel [Võrguteavik] : imikuvoodid : ohutusnõuded ja katsemeetodid = Children's furniture : cribs : safety requirements and test methods. Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (48 lk., pdf) : ill. (Eesti standard ; EVS-EN 1130:2019).
407. Pulkkinen, S. Development prospects of the oil shale industry under conditions of renewable and low-carbon energy policy = Põlevkivitööstuse arenguperspektiivid taastuvenergia ja madala süsinikuheitmega tehnoloogia arendamise poliitika tingimustes. Tallinn : TalTech Press, 2019. 95 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 23/2019).
408. Päärsoo, R. (tlk.). Metalsete materjalide keevisliidete purustav katsetamine [Võrguteavik] : löökpaindekatsed. Katsekehade asukoht, soone asend ja uurimine = Destructive tests on welds in metallic materials : impact tests. Test specimen location, notch orientation and examination (ISO 9016:2012). [Tallinn] : Eesti Standardikeskus, 2019. 1 võrguväljaanne (16 lk., pdf) : ill. (Eesti standard ; EVS-EN ISO 9016:2012).
409. Päärsoo, R. (tlk.). Metalsete materjalide keevisõmbluste purustav katsetamine [Võrguteavik] : paindekatsed = Destructive tests on welds in metallic materials : bend tests (ISO 5173:2009+ISO 5173:2009/Amd 1:2011). [Tallinn] : Eesti Standardikeskus, 2019. 1 võrguväljaanne (28 lk., pdf) : ill. (Eesti standard ; EVS-EN ISO 5173:2010+A1:2011).
410. Rauwel, P., Rauwel, E., Uhl, W. (eds.) Application and Behavior of Nanomaterials in Water Treatment, Special issue of Nanomaterials. Basel : MDPI, 2019. vii, 164 p. : ill.
411. Reiska, R. (tlk.). Puitkonstruktsioonid [Võrguteavik] : nelinurkse ristlõikega tugevussorditud ehituspuit. Osa 1, Üldnõuded = Timber structures : strength graded structural timber with rectangular cross section. Part 1, General requirements. Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (40 lk., pdf). (Eesti standard ; EVS-EN 14081-1:2016+A1:2019).
412. Reiska, R. (tlk.). Puitkonstruktsioonid [Võrguteavik] : nelinurkse ristlõikega tugevussorditud ehituspuit. Osa 2, Masinsortimine. Täiendavad nõuded esmasteks tüübikatsetusteks = Timber structures : strength graded structural timber with rectangular cross section. Part 2, Machine grading. Additional requirements for initial type testing. Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (40 lk., pdf). (Eesti standard ; EVS-EN 14081-2:2019).
413. Reiska, R. (tlk.). Saematerjal [Võrguteavik] : kuivatuskvaliteedi hindamine = Sawn timber : assessment of drying quality. Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (16 lk., pdf). (Eesti standard ; EVS-EN 14298:2017).
414. Risthein, E. (tlk.). Ballastseadist sisaldavad üldtarbevalgustuse valgusdiodlambid pingega üle 50 V [Võrguteavik] : ohutusnõuded = Self-ballasted LED-lamps for general lighting services by voltage > 50 V : safety specifications (IEC 62560:2011, modified+corrigendum Jan. 2012+A1:2015). Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (40 lk., pdf) : ill. (Eesti standard ; EVS-EN 62560:2012+A1+A11:2019).
415. Risthein, E. (tlk.). Ballastseadist sisaldavad üldtarbevalgustuse valgusdiodlambid pingega üle 50 V [Võrguteavik] : ohutusnõuded = Self-ballasted LED-lamps for general lighting services by voltage > 50 V : safety specifications (IEC 62560:2011, modified+corrigendum Jan. 2012+A1:2015). Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (12 lk., pdf). (Eesti standard ; EVS-EN 62560:2012/A11:2019).
416. Risthein, E. (tlk.). Elektromagnetiline ühilduvus. Osa 6-1, Erialased põhistandardid. Häiringutaluvus olme-, kaubandus- ja väiketööstuskeskkondades [Võrguteavik] = Electromagnetic compatibility (EMC). Part 6-1, Generic standards. Immunity standard for residential, commercial and light-industrial environments (IEC 61000-6-1:2016). Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (28 lk., pdf). (Eesti standard ; EVS-EN IEC 61000-6-1:2019).

417. Risthein, E. (tlk.). Elektromagnetiline ühilduvus. Osa 6-2, Erialased põhistandardid. Häiringutaluvus tööstuskeskkondades [Võrguteavik] = Electromagnetic compatibility (EMC). Part 6-2, Generic standards. Immunity standard for industrial environments (IEC 61000-6-2:2016). Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (28 lk., pdf). (Eesti standard ; EVS-EN IEC 61000-6-2:2019).
418. Risthein, E. (tlk.). Madalpingelised elektripaigaldised. Osa 4-41, Kaitseviisid. Kaitse elektrilöögi eest [Võrguteavik] = Low-voltage electrical installations. Part 4-41, Protection for safety. Protection against electric shock. Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (8 lk., pdf). (Eesti standard ; EVS-HD 60364-4-41:2017/A12:2019).
419. Risthein, E. (tlk.). Madalpingelised elektripaigaldised. Osa 4-41, Kaitseviisid. Kaitse elektrilöögi eest [Võrguteavik] = Low-voltage electrical installations. Part 4-41, Protection for safety. Protection against electric shock (IEC 60364-4-41:2005, modified+A1:2017, modified). Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (52 lk., pdf). (Eesti standard ; EVS-HD 60364-4-41:2017+A12:2019).
420. Risthein, E. (tlk.). Madalpingelised elektripaigaldised. Osa 5-56, Elektriseadmete valik ja paigaldamine ; Turvasüsteemid [Võrguteavik] = Low-voltage electrical installations. Part 5-56, Selection and erection of electrical equipment ; Safety services (IEC 60364-5-56:2018). Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (36 lk., pdf) : ill. (Eesti standard ; EVS-HD 60364-5-56:2019).
421. Risthein, E. (tlk.). Madalpingelised elektripaigaldised. Osa 7-709, Nõuded eripaigaldistele ja -paikadele. Sadamad (sh huvisõidusadamad) ja muud samalaadsed paigad. Erinõuded laevade kaldatoitele [Võrguteavik] = Low-voltage electrical installations. Part 7-709, Requirements for special installations or locations. Harbours, marinas and similar locations. Special requirements for shore supply to ships. Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (36 lk., pdf) : ill. (Eesti standard ; EVS-HD 60364-7-709:2009/A12:2019).
422. Risthein, E. (tlk.). Madalpingelised elektripaigaldised. Osa 7-711, Nõuded eripaigaldistele ja -paikadele. Näitused, esitused ja stendid [Võrguteavik] = Low-voltage electrical installations. Part 7-711, Requirements for special installations or locations. Exhibitions, shows and stands (IEC 60364-7-711:2018). Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (24 lk., pdf). (Eesti standard ; EVS-HD 60364-7-711:2019).
423. Risthein, E. (tlk.). Madalpingelised elektripaigaldised. Osa 7-721, Nõuded eripaigaldistele ja -paikadele. Sõidukelamute elektripaigaldised [Võrguteavik] = Low-voltage electrical installations. Part 7-721, Requirements for special installations or locations. Electrical installations in caravans and motor caravans (IEC 60364-7-721:2017, modified). Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (36 lk., pdf) : ill.
424. Risthein, E. (tlk.). Madalpingelised elektripaigaldised. Osa 7-722, Nõuded eripaigaldistele ja -paikadele ; Elektrisõidukite toide [Võrguteavik] = Low-voltage electrical installations. Part 7-722, Requirements for special installations or locations ; Supplies for electric vehicles (IEC 60364-7-722:2018, modified). Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (40 lk., pdf). (Eesti standard ; EVS-HD 60364-7-722:2019).
425. Risthein, E. (tlk.). Plahvatusohtlikud keskkonnad. Osa 0, Seadmed. Üldnõuded [Võrguteavik] = Explosive atmospheres. Part 0, Equipment. General requirements (IEC 60079-0:2017). Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (182 lk., pdf) : ill. (Eesti standard ; EVS-EN IEC 60079-0:2018).
426. Risthein, E. (tlk.). Valgus ja valgustus [Võrguteavik] : põhioskussõnad ja valgustusnõuete valiku alused = Light and lighting : basic terms and criteria for specifying lighting requirements. Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (110 lk., pdf). (Eesti standard ; EVS-EN 12665:2018).
427. Risthein, E. (tlk.). Valgus ja valgustus [Võrguteavik] : spordivalgustus = Light and lighting : sports lighting. Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (56 lk., pdf) : ill. (Eesti standard ; EVS-EN 12193:2019).

428. Roosnurm, M., Vinnal, T., Treufeldt, Ü. jt. (eksp.). Inimesele toimivate elektri-, magnet- ja elektromagnetväljade (0 HZ kuni 300 GHz) mõõtmis- ja arvutusviiside põhistandard [Võrguteavik] = Basic standard on measurement and calculation procedures for human exposure to electric, magnetic and electromagnetic fields (0 Hz - 300 GHz). Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (36 lk., pdf). (Eesti standard ; EVS-EN 50413:2019).
429. Rüberg, S., Sewdien, V., Rueda Torres, J. L., Kilter, J. et al. Demonstration of mitigation measures and clarification of unclear grid code requirements : Deliverable D1.6 [Online resource]. [S.l.] : Migrate, 2019. 172 p. : ill.
430. Rüütman, T. Inseneripedagoogika : STEM valdkonna õppeainete mõjus õpetamine ja õppimine. 1. [Tallinn] : Tallinna Tehnikaülikooli Kirjastus, c2019. 316 lk. : ill.
431. Santasheva, E. Quasi-Z-source based string inverter for residential photovoltaic application = Kvaasi-impedants tüüpi allikaga muundur kodumajapidamistes kasutatavatele päikesepaneelidele. Tallinn : TalTech Press, 2019. 157 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 37/2019).
432. Sell, R., Puks, R., Kingsepp, M. et al. Introduction to the IoT : Practical project [Electronic resource]. [S.l.] : IOT-OPEN.EU, 2019. 129 p. : ill.
433. Sell, R., Puks, R., Kingsepp, M. et al. Introduction to the IOT [Electronic resource]. [S.l.] : IOT-OPEN.EU, 2019. 359 p. : ill.
434. Shams Ghahfarokhi, P. Development of thermal analysis tools for synchronous reluctance motors = Soojusanalüüsi töövahendi väljaarendus sünkroon-reluktantsmootorile. Tallinn : TalTech Press, 2019. 181 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 31/2019).
435. Siirde, A. (ed.). Oil shale. Volume 36. Tallinn : Estonian Academy of Sciences, 2019.
436. Simson, R. Overheating prevention and daylighting in buildings without mechanical cooling = Ülekuumenemise vältimine ja loomuliku valguse tagamine mehaanilise jahutuseta hoonetes. Tallinn : TalTech Press, 2019. 166 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 54/2019).
437. Strods, G., Igavens, M., Ševtšenko, E., Karaulova, T. et al.(eds.). Implementing interdisciplinarity in career guidance : guidebook for career counselors : Rezekne, Tallinn, Kaunas 2019. Tallinn : TalTech, 2019. 102 p. : ill.
438. Strods, G., Igavens, M., Ševtšenko, E., Karaulova, T., Tutlis, V., Tandzegolskiene, I. (eds.). Dizaino, technologijų ir ekonominių išteklių tarpdiscipliniškumo taikymas karjeros konsultavime., : Rezeknes Technologiju akademija, Talino technologijos universitetas ir Vytauto Didžiojo universitetas, [2019]. 100 lp. : ilustr., tab.
439. Sulakatko, V. Modelling construction process impact factors on degradation of thin rendered facades = Ehitusprotsessi mõjufaktorite modelleerimine õhekrohv fassaadide lagunemisel = Methode zur Bewertung der Relevanz von beeinflussenden Faktoren im Bauprozess auf die Mängelfreiheit von Wärmedämmverbundsystemen. Tallinn : TTÜ Press, 2019. 194 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 12/2019).
440. Sultson, S. Stalinist urban ensembles in East Estonian oil-shale mining and industrial town centres : formation mechanisms and urban space identity as the potential for spatial development = Ida-Eesti põlevkivikaevandus- ja -tööstuslinnade keskuste stalinistlikud linnaansamblid : kujunemise mehhanismid ja linnaruumi identiteet kui ruumilise arengu potentsiaal. Tallinn : TalTech Press, 2019. 283 p. : ill., map. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 56/2019).
441. Suurkask, V. (tlk. ja eksp.). Maa-alused isevoolised plastist dreanaaži- ja kanalisatsioonitorustikud [Võrguteavik] : polüpropüleen (PP). Osa 1, Torude, liitmike ja torustiku spetsifikatsioonid = Plastics piping systems for non-pressure underground drainage and sewerage : polypropylene (PP). Part 1, Specifications for pipes, fittings and the system. Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (40 lk., pdf) : ill. (Eesti standard ; EVS-EN 1852-1:2018).

442. Suurkask, V. (tlk.). Maa-alused isevoolded drenaaži ja kanalisatsiooni plasttorustikud [Võrguteavik] : plastifitseerimata polüvinüülkloriid (PVC-U). Osa 1, Torude, liitmike ja torustike spetsifikatsioonid = Plastics piping systems for non-pressure underground drainage and sewerage : unplasticized poly(vinyl chloride) (PVC-U). Part 1, Specifications for pipes, fittings and the systems. Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (44 lk., pdf) : ill. (Eesti standard ; EVS-EN 1401-1:2019).
443. Suurkask, V. (tlk.). Reovee väikepuhastid kuni 50 IE. Osa 4, Tehases valmistatud komplektidest kohapeal monteeritavad septikud [Võrguteavik] = Small wastewater treatment systems for up to 50 PT. Part 4, Septic tanks assembled in situ from prefabricated kits. Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (28 lk., pdf) : ill. (Eesti standard ; EVS-EN 12566-4:2016).
444. Tamm, K. Valorisation technologies for Estonian phosphate rock - a report on the current situation [Online resource]. Rakvere : Geological Survey of Estonia, 2019. 42 p. : ill.
445. Tanabe, S. I., Zhang, H., Kurnitski, J., Gameiro da Silva, M. C. (eds.) et al. CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019. [S.l.] : EDP Sciences, 2019. (E3S Web of Conferences ; 111).
446. Tintõra, J. Urban regeneration strategies for shrinking post-soviet European communities : a case study of Valga, Estonia = Kahanevate linnade elukeskkonna taaselustamine Valga linna näitel. Tallinn : TalTech Press, 2019. 139 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 53/2019).
447. Tohvri, E. Georges Frédéric Parrot : Tartu Keiserliku Ülikooli esimene rektor. [Tartu] : Tartu Ülikooli Kirjastus, 2019. 1071 lk. : ill.
448. Tuisk, T. (koost.). Põletatud põlevkivi plastitööstusele [Võrguteavik] : spetsifikatsioonid ja vastavuskriteeriumid = Burnt shale for productions of plastics : specification and conformity criteria. Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (12 lk., pdf). (Eesti standard ; EVS 940:2019).
449. Vinnikov, D., Romero-Cadaval, E., Martins, J. (eds.) Special Issue "Power Electronic Systems for Efficient and Sustainable Energy Supply", Power Electronic Systems for Efficient and Sustainable Energy Supply. Basel : MDPI, 2019. (Energies).
450. Öunapuu, E. Analysis and design optimisation of glass structures = Klaaskonstruksioonide analüüs ning optimeerimine. Tallinn : TalTech Press, 2019. 91 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 64/2019).
451. Yashin, M. Adaptive wear mechanisms of diamond coatings at room and elevated temperatures = Teemantpinnete adaptiivkulumise mehhanismid toa- ja kõrgendatud temperatuuridel. Tallinn, Tallinn : TalTech Press, 2019. 113 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 60/2019).

Artiklid

Sisukord

452. Balpreet Kaur, Eha, K., Dulova, N. A comparative study of losartan photodegradation : activated persulfate versus hydrogen peroxide // The 20th European Meeting on Environmental Chemistry : 2-5 December 2019 Lodz, Poland : book of abstract. [Lodz] : Lodz University of Technology, 2019. p. 77 : ill.
453. Balpreet Kaur, Eha, K., Dulova, N. UV-assisted chemical oxidation of antihypertensive losartan in water // 6th European Conference on Environmental Applications of Advanced Oxidation Processes, Portorož - Portorose, Slovenia, 26-30 June 2019 : book of abstracts. Ljubljana : Slovenian Chemical Society, 2019. p. 242.
454. Balpreet Kaur, Kattel, E., Trapido, M., Dulova, N. Photo-induced persulfate oxidation of emerging micropollutants in water matrices [Online resources] // Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid]. Tartu : Tartu Ülikool, 2019. 1 p.

455. Balpreet Kaur, Kuntus, L., Tikker, P., Kattel, E., Trapido, M., Dulova, N. Photo-induced oxidation of ceftriaxone by persulfate in the presence of iron oxides // *Science of the total environment* (2019) vol. 676, p. 165-175 : ill.
456. Abbasi Aghdam Meinagh, F., Babaei, E., Vinnikov, D., Chub, A. Modified high voltage gain soft-switched quasi-switched boost inverter // *2019 IEEE International Conference on Industrial Technology, ICIT 2019* : Melbourne, Australia, 13-15 February 2019 : proceedings. Piscataway : IEEE, 2019. p. 1087-1092 : ill.
457. Abdalla, A., Bereznev, S., Spalatu, N., Volobujeva, O., Sleptšuk, N., Danilson, M. Pulsed laser deposition of Zn(O,Se) layers in nitrogen background pressure // *Scientific reports* (2019) vol. 9, art. 17443, 10 p. : ill.
458. Abdalla, A., Khan, I., Sohail, M., Qurash, A. Au/Ga₂O₃/ZnO heterostructure nanorods arrays for effective photoelectrochemical water splitting // *Solar energy* (2019) vol. 181, p. 333-338 : ill.
459. Abdelmomen, M., Dengiz, O., Hoda, S., Tamre, M. Research on upper-body exoskeletons for performance augmentation of production workers // *Proceedings of the 30th International DAAAM Symposium : Intelligent Manufacturing & Automation, 23-26th October 2019, Zadar, Croatia. Vienna : DAAAM International Vienna, 2019. p. 0904-0913* : ill.
460. Abell, M., Huttunen, R., Kapulainen, T., Kovalainen, V., Lahdensivu, J., Lylykangas, K. et al. Lasitetun parvekkeen vaikutus sisätilan päivänvalo-olosuhteeseen // *RIL 272-2019 : Parveke- ja terassilasitus rakennusosana : Määräykset, ohjeet ja toimivat käytännöt. Helsinki : Suomen Rakennusinsinöörien Liitto RIL, 2019. p. 135-139.*
461. Abramov, M.A., Stepanov, E.G., Golyandin, D., Dobrokhotoy, V.B. Research of the possibility of producing finely divided materials from natural raw materials for reactive powder concretes by mechanochemistry // *Journal of physics : conference series* (2019) vol. 666, 1, art. 012023, 5 p. : ill.
462. Adduce, C., De Falco, M. C., Cuthbertson, A., Laanearu, J., Kaur, K. et al. The Dynamics of bi-directional exchange flows : implications for morphodynamic change within estuaries // *Transnational Access in Hydralab+ : proceedings of the Joint User Meeting Bucharest - May 23, 2019. [S.l.] : Hydralab+, 2019. p. 19-26* : ill.
463. Agabus, H. Possible uses of blockchain technology in the power markets // *18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. Tallinn : TALTECH, 2019. p. 65-66.*
464. Agren, J., Schwabe, J., Saari, T., Ellmann, A., Forsberg, R. Comparison of methods applied for Marine Geoid Modelling in the Baltic Sea project FAMOS // *IUGG 2019 : abstract book. [S.l.] : International Union of Geodesy and Geophysics, 2019. [1] p., abstract: IUGG19-2965.*
465. Ahangar, R.A. State of the art in research on microgrids realtime studies // *18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. Tallinn : TALTECH, 2019. p. 67-68.*
466. Ahmadiyahangar, R., Rosin, A., Nabavi Niaki, A., Palu, I., Korõtko, T. A review on real-time simulation and analysis methods of microgrids // *International Transactions on Electrical Energy Systems* (2019) vol. 29, 11, art. e12106, 16 p. : ill.
467. Ahmadiyahangar, R., Häring, T., Rosin, A., Korõtko, T., Martins, J. . Residential load forecasting for flexibility prediction using machine learning-based regression model // *2019 IEEE International Conference on Environment and Electrical Engineering and 2019 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe). [S.l.] : IEEE, 2019. 4 p. : ill.*
468. Ahmed, K., Fadejev, J., Kurnitski, J. Modeling an alternate operational ground source heat pump for combined space heating and domestic hot water power sizing // *Energies* (2019) vol. 12, 11, art. 2120, 26 p. : ill.
469. Ahmed, K., Kuusk, K., Heininen, H., Kalamees, T., Kurnitski, J. et al. Indoor climate and energy performance in nearly zero energy day care centers and school buildings // *E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019. [S.l.] : EDP Sciences ; Springer, 2019. art. 02003 ; 9 p. : ill. (E3S Web of Conferences ; 111).*

470. Ahmed, K., Yoon, G., Ukai, M., Kurnitski, J. How to compare energy performance requirements of Japanese and European office buildings // E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019. [S.l.] : EDP Sciences, 2019. art. 03038, 8 p. (E3S Web of Conferences ; 111).
471. Akalin, E., Kim, Y-M., Alper K., Oja, V. et al. Co-hydrothermal liquefaction of lignocellulosic biomass with kukersite oil shale // Energy & fuels (2019) vol. 33, 8, p. 7424-7435 : ill.
472. Aksjonov, A. Design and implementation of intelligent ground vehicle safety systems of high robustness to varying environmental and human factors // 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. Tallinn : TALTECH, 2019. p. 107-108.
473. Aksjonov, A., Nedoma, P., Vodovozov, V., Raud, Z., Petlenkov, E. Speed control of electric vehicle propulsion with autotuning at changeable driving modes and road conditions // 2019 IEEE International Conference on Mechatronics (ICM) : proceedings. Danvers : IEEE, 2019. p. 584-589 : ill.
474. Aksjonov, A., Ricciardi, V., Vodovozov, V., Augsburg, K. Trajectory phase-plane method - based analysis of stability and performance of a fuzzy logic controller for an anti-lock braking system // 2019 IEEE International Conference on Mechatronics (ICM) : proceedings. Danvers : IEEE, 2019. p. 602-607 : ill.
475. Aksjonov, A., Serbin, A., Vodovozov, V., Raud, Z. Robust speed controllers with autotuning for electrically driven equipment // 2019 26th International Workshop on Electric Drives : Improvement in Efficiency of Electric Drives (IWED) : Moscow Power Engineering Institute, Moscow, Russia, 30th of January - 2nd of February 2019 : proceedings. Danvers : IEEE, 2019. 6 p. : ill.
476. Alamgir, A., Bogatov, A., Yashin, M., Podgurski, V. Mechanical and tribological properties of 100-nm thick alumina films prepared by atomic layer deposition on Si(100) substrates // Proceedings of the Estonian Academy of Sciences (2019) vol. 68, 2, p. 126-130 : ill.
477. Alao, P. F., Kallakas, H., Poltimäe, T., Kers, J. Effect of hemp fibre length on the properties of polypropylene composites // Agronomy research (2019) vol. 17, 4, p. 1517-1531 ill.
478. Alao, P., Kallakas, H., Kers, J. Effect of hemp fibre length on the properties of polypropylene composites [Online resource] // Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiaid : [4.-5. veebruar, 2019, Tartu : teesid]. Tartu : Tartu Ülikool, 2019. 1 p.: ill.
479. Albert, T., Oja, V. Surface tensions of phenolic mixture separated from kukersite oil shale oil // Thermodynamics'2019 : the 26th conference. 26-28 June 2019 : abstract book. Huelva, 2019. p. 265.
480. Alkadri, M. F., De Luca, F., Turrin, M., Sariyildiz, S. Making use of point cloud for generating subtractive solar envelopes // eCAADe SIGraDi 2019 - Architecture in the Age of the 4th Industrial Revolution. Vol. 1. Brussels : eCAADe, 2019. p. 633-640 : ill. (eCAADe proceedings).
481. Altmäe, E., Ruus, A., Raamets, J., Tungel, E. Determination of clay-sand plaster hygrothermal performance : influence of different types of clays on sorption and water vapour permeability // Cold Climate HVAC 2018 : Sustainable buildings in cold climates : proceedings of the 9th Cold Climate HVAC conference, Kiruna, Sweden, 2018, 12-15 March. Cham : Springer, 2019. p. 945-955. (Springer proceedings in energy).
482. Andersson, M., Marik, T., Kredics, L., Kurnitski, J. et al. Old dry mold growth seems to emit less bioactive metabolites and surfactants than actively growing microbes // Sisäilmastoseminaari 2019 : 14.3.2019. Vaasa : SIY Sisäilmätieto Oy, 2019. p. 215-220 : ill.
483. Andersson, M., Nagy, S., Mikkola, R., Kurnitski, J. et al. Toxicities of detergents used in cleaning chemicals and hygiene products in a test battery of Ex Vivo and in Vitro assays // Sisäilmastoseminaari 2019 : 14.3.2019. Vaasa : SIY Sisäilmätieto Oy, 2019. p. 297-302.
484. Andriushchenko, E., Mashkov, A. Three-dimensional vibrations of wind turbines // IOP conference series : materials science and engineering (2019) vol. 666, art. 012006, 6 p.

485. Andriushchenko, E., Semenova, V., Yuan, P. Investigation of tribological characteristics of polymers used in medicine // *New Materials and Technologies in Mechanical Engineering : International Scientific Conference "New Materials and Technologies in Mechanical Engineering"* (NMTME 2019). Zurich : Trans Tech Publications, 2019. p. 656-661. (Key engineering materials ; 822).
486. Annus, I., Kartušinski, A., Vassiljev, A., Kaur, K. Numerical and experimental investigation on flow dynamics in a pipe with an abrupt change in diameter // *Journal of fluids engineering* (2019) vol. 141, art. 101301, 9 p. : ill.
487. Antonov, M. Loodusest inspireeritud uued komposiitmaterjalid // *Horisont* (2019) 5, lk. 16-17 : fot.
488. Antonov, M., Ivanov, R., Holovenko, Y., Goljandin, D., Rahmaniahranjani, R., Kollo, L., Hussainova, I. 3D printing of plain and gradient cermets with efficient use of raw materials // *Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019*. Selected, peer reviewed papers from the conference *Modern Materials and Manufacturing 2019 (MMM 2019)*, April 24-26, 2019, Tallinn, Estonia. Zurich : Trans Tech Publications, 2019. p. 239-245 : ill. (Key engineering materials ; 799).
489. Asad, B. Winding function based analytical model of squirrel cage induction motor for fault diagnostics // *18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering"*. Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. Tallinn : TALTECH, 2019. p. 113-114 : ill.
490. Asad, B., Eensalu, L., Vaimann, T., Kallaste, A., Rassõlkin, A., Belahcen, A. The FEM based modeling and corresponding test rig preparation for broken rotor bars analysis // *2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON)*, 7-9 October 2019 : conference proceedings. Danvers : IEEE, 2019. 9 p. : ill.
491. Asad, B., Vaimann, T., Kallaste, A., Rassõlkin, A., Belahcen, A., Iqbal, M. N. Improving legibility of motor current spectrum for broken rotor bars fault diagnostics // *Scientific Journal of Riga Technical University. Electrical, control and communication engineering* (2019) vol. 15, 1, p. 1-8 : ill.
492. Asad, B., Vaimann, T., Belahcen, A., Kallaste, A., Rassõlkin, A. Rotor fault diagnostic of inverter fed induction motor using frequency analysis // *2019 IEEE 12th International Symposium on Diagnostics for Electrical Machines, Power Electronics and Drives (SDEMPED)*, 27-30 Aug. 2019, Toulouse, France : proceedings. [S.l.] : IEEE, 2019. p. 127-133 : ill.
493. Asad, B., Vaimann, T., Belahcen, A., Kallaste, A., Rassõlkin, A., Iqbal, M. N. Broken rotor bar fault detection of the grid and inverter-fed induction motor by effective attenuation of the fundamental component // *IET electric power applications* (2019) vol. 13, 12, p. 2005-2014.
494. Asad, B., Vaimann, T., Kallaste, A., Rassõlkin, A., Belahcen, A. Hilbert transform, an effective replacement of Park's vector modulus for the detection of rotor faults // *2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM)*, Kärdla, Estonia, June 12-15, 2019 : proceedings. [S.l.] : IEEE, 2019. 4 p. : ill.
495. Asad, B., Vaimann, T., Kallaste, A., Rassõlkin, A., Belahcen, A. Winding function based analytical model of squirrel cage induction motor for fault diagnostics // *2019 26th International Workshop on Electric Drives : Improvement in Efficiency of Electric Drives (IWED)* : Moscow Power Engineering Institute, Moscow, Russia, 30th of January - 2nd of February 2019 : proceedings. Danvers : IEEE, 2019. 6 p. : ill.
496. Astra, H.-L., Oja, V. Vapour pressure data for 2-n-propylresorcinol, 4-ethylresorcinol and 4-hexylresorcinol near their normal boiling points measured by differential scanning calorimetry // *The journal of chemical thermodynamics* (2019) vol. 134, p. 119-126 : ill.
497. Astrov, I., Udal, A., Pedai, A., Sell, R. Simulink/MATLAB based comparison of neural and basic tracking control for an autonomous surface vessel for situation awareness applications // *2019 IEEE 19th International Symposium on Computational Intelligence and Informatics and 7th IEEE International Conference on Recent Achievements in Mechatronics, Automation, Computer Sciences and Robotics (CINTI-MACRo)*. [S.l.] : IEEE, 2019. p. 000105 - 000110 : ill.

498. Auriemma, F. Genetic algorithm vs finite differences in an optimization procedure including FEM with fixed mesh // International Conference on Numerical Analysis and Applied Mathematics (ICNAAM 2018) : Rhodes, Greece, 13-18 September 2018. Melville : AIP Publishing, 2019. art. 2116, 330006, 4 p. (AIP conference proceedings ; 2116, 1).
499. Auriemma, F., Holovenko, Y. Performance of additive manufactured stacks in a small scale thermoacoustic heat engine // SAE Technical Papers (2019) 2019-01-1534, 10 p. : ill.
500. Auriemma, F., Holovenko, Y. Use of selective laser melting for manufacturing the porous stack of a thermoacoustic engine // Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia. Zurich : Trans Tech Publications, 2019. p. 246-251 : ill. (Key engineering materials ; 799).
501. Autsou, S., Saroka, V., Karpovich, D., Rassõlkin, A. et al. Overview of the use of Bellman dynamic programming method to eliminate oscillations in mechanical and electrical assemblies of technical objects // 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärđla, Estonia, June 12-15, 2019 : proceedings. [S.l.] : IEEE, 2019. 4 p.
502. Ayankojo, A.G., Reut, J., Öpik, A., Sõritski, V. Development of a molecularly imprinted polymerbased sensor for electrochemical detection of macrolide antibiotics // Baltic Polymer Symposium 2019 : Vilnius, Lithuania, 18-20 September 2019 : programme and proceedings. Vilnius, 2019. p. 43 : ill.
503. Aydin, U., Martin, F., Rasilo, P., Belahcen, A. et al. Rotational single sheet tester for multiaxial magneto-mechanical effects in steel sheets // IEEE transactions on magnetics (2019) vol. 55, 3, art. 2001810, 10 p. : ill.
504. Aydin, U., Rasilo, P., Martin, F., Belahcen, A. et al. Effect of multi-axial stress on iron losses of electrical steel sheet // Journal of magnetism and magnetic materials (2019) vol. 469, p. 19-27 : ill.
505. Aydinyan, S., Liu, L., Minasyan, T., Hussainova, I. Selective laser melting of ceramic composites // XVI Conference and Exhibition Of The European Ceramic Society : abstract book. [S.l.] : ECerS, 2019. p. 22.
506. Aydinyan, S., Minasyan, T., Liu, L., Cygan, S., Hussainova, I. ZrC based ceramics by high pressure high temperature SPS technique // Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia. Zurich : Trans Tech Publications, 2019. p. 125-130 : ill. (Key engineering materials ; 799).
507. Baird, Z., Dahlberg, A., Uusi-Kyyny, P. et al. Physical properties of 7-Methyl-1,5,7-triazabicyclo[4.4.0]dec-5-ene (mTBD) // International journal of thermophysics (2019) vol. 40, 7, art. 71, 23 p. : ill.
508. Baird, Z., Uusi-Kyyny, P., Pokki, J.-P., Pedegert, E., Alopaeus, V. Vapor pressures, densities, and PC-SAFT parameters for 11 bio-compounds // International journal of thermophysics (2019) vol. 40, art. 102, 36 p. : ill.
509. Baláž, M., Vella-Zarb, L., Hernandez, J.G., Niidu, A. et al. Mechanochemistry: a disruptive innovation for the industry of the future // Chimica oggi-chemistry today (2019) vol. 37, 6, p. 32-34.
510. Bandil, K., Vashisth, H., Kumar, S., Singh, N. et al. Microstructural, mechanical and corrosion behaviour of Al-Si alloy reinforced with SiC metal matrix composite // Journal of Composite Materials (2019) vol. 53, 28-30, p. 4215-4223 : ill.
511. Baraškova, T., Shirokova, V., Pascault, D. Increasing the safety and efficiency of technical resources in the mining industry // European International Journal of Science and Technology (2019) vol. 8, 7, p. 1-8 : ill.
512. Baroninš, J., Antonov, M., Bereznev, S., Raadik, T., Hussainova, I. Raman spectroscopy of multilayered AlCrN coating under high temperature sliding/oxidation // Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia. Zurich : Trans Tech Publications, c2019. p. 9-14. (Key engineering materials ; 799).

513. Barrero-González, F., Roncero-Clemente, C., Milanés-Montero, M. I., Husev, O. et al. Improvements on the carrier-based control method for a three-level T-type, quasi-impedance-source inverter // *Electronics* (2019) vol. 8, 6, art. 677, 12 p. : ill.
514. Baumgartner, S., Viirsalu, M., Krumme, A., Mendez, J. Properties of chitin extracted from Estonian mushrooms // *Proceedings of the Estonian Academy of Sciences* (2019) vol. 68, 3, p. 333-336 : ill.
515. Beg, N., Biechl, H., Rosin, A. Stability issues with network impedances and its mitigation in islanded microgrids // *NEIS 2019 : Conference on Sustainable Energy Supply and Energy Storage Systems Hamburg, 19-20 September, 2019*. [S.l.] : VDE Verlag, 2019. p. 189-194.
516. Belahcen, A. Operation and principles of bearingless synchronous reluctance machines // *18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]*. Tallinn : TALTECH, 2019. p. 53-54 : ill.
517. Bendikiene, R., Surženkov, A., Tkachivskyi, D., Juhani, K., Viljus, M., Traksmäa, R., Antonov, M., Kulu, P. et al. Study of submerged and plasma arc welded composite hardfacings with a novel Cr₃C₂-Ni reinforcement // *Proceedings of the Estonian Academy of Sciences* (2019) vol. 68, 2, p. 150-157 : ill.
518. Berber, H., Tamm, K., Leinus, M.-L., Kuusik, R., Uibu, M. Aggregate production from burnt oil shale and CO₂ - an Estonian perspective // *Oil Shale* (2019) vol. 36, 3, p. 431-447 : ill.
519. Blinov, A. Bidirectional DC-DC converter with extended ZVS/ZCS range for storage applications // *18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]*. Tallinn : TALTECH, 2019. p. 31-32 : ill.
520. Blinov, A., Korkh, O., Vinnikov, D., Galkin, I., Norrga, S. Soft-switching modulation method for full-bridge DC-AC HF-link inverter // *IECON 2019 - 45th Annual Conference of the IEEE Industrial Electronics Society : proceedings*. Danvers : IEEE, 2019. p. 4417-4422 : ill.
521. Blinov, A., Kosenko, R., Chub, A., Ivakhno, V. Analysis of fault-tolerant operation capabilities of an isolated bidirectional current-source DC-DC converter // *Energies* (2019) vol. 12, 16, art. 3203.
522. Blinov, A., Kosenko, R., Chub, A., Vinnikov, D. Snubberless boost full-bridge converters: analysis of soft switching performance and limitations // *International journal of circuit theory and applications* (2019) p. 1–25 : ill.
523. Bogatov, A., Podgurski, V., Vagiström, H., Yashin, M., Shaikh, A.A., Viljus, M. et al. Transition from self-organized criticality into self-organization during sliding Si₃N₄ balls against nanocrystalline diamond films // *Entropy* (2019) vol. 21, 11, art. 1055 ; 12 p.
524. Bolobajev, J., Kask, M., Koel, M. Application of metal-doped organic aerogels for photodegradation of antibiotics in water // *Chemical industry digest* (2019) June, p. 92–95.
525. Bolobajev, J., Kask, M., Kreek, K., Kulp, M., Koel, M., Goi, A. Metal-doped organic aerogels for photocatalytic degradation of trimethoprim // *Chemical engineering journal* (2019) vol. 357, p. 120-128 : ill.
526. Borhan Dayani, A., Fazlollahtabar, H., Ahmadihangar, R., Rosin, A. et al. Applying reinforcement learning method for real-time energy management // *2019 IEEE International Conference on Environment and Electrical Engineering and 2019 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe)*. [S.l.] : IEEE, 2019. 5 p. : ill.
527. Castagnoli, E., Backlund, P., Talvitie, O., Kurnitski, J. et al. Emissions of DEHP-free PVC flooring // *Indoor air* (2019) vol. 29, 6, p. 903-912 : ill.
528. Chellappa, V., Salve, U.R., Liias, R. Aiming at the improvement of safety at Indian construction workplace // *13th International Conference : Modern Building Materials, Structures and Techniques, May 16-17, 2019, Lithuania. Vilnius : VGTU Press, 2019. p. 539-544.*
529. Chen, K., Wen, F., Palu, I. Cyber contingencies impacts analysis in cyber physical power system // *IEEE International Conference on Energy Internet : ICEI 2019, Nanjing, China, 27-31 May, 2019 : proceedings*. S. l. : IEEE, 2019. p. 37-41 : ill.
530. Chen, Z., Dündar, I., Oja Acik, I., Mere, A. TiO₂ thin films by ultrasonic spray pyrolysis // *IOP conference series : materials science and engineering* (2019) vol. 503, art. 012006, 7 p. : ill.

531. Chen, Z., Oja Acik, I., Dündar, I., Mere, A. Study of the properties of TiO₂ thin films deposited by ultrasonic spray pyrolysis [Online resource] // Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid]. Tartu : Tartu Ülikool, 2019. 1 p.
532. Chub, A. PV module level DC-DC converters with wide input voltage regulation range - implementation challenges and application benefits // 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. [Tallinn] : TALTECH, 2019. p. 25-26 : ill.
533. Chub, A., Kosenko, R., Korkh, O., Vinnikov, D., Kouro, S. Energy yield assessment methodology for photovoltaic microinverters // 2019 IEEE 15th Brazilian Power Electronics Conference and 5th IEEE Southern Power Electronics Conference (COBEP/SPEC 2019) Santos, Brazil, 1-4 December 2019. Red Hook : IEEE, 2019. p. 1178-1183 : ill.
534. Chub, A., Vinnikov, D., Kouro, S., Malinowski, M. Three-mode reconfigurable rectifier for DC-DC converters with wide input voltage range // IECON 2019 - 45th Annual Conference of the IEEE Industrial Electronics Society : proceedings. Danvers : IEEE, 2019. p. 4429-4435.
535. Chub, A., Vinnikov, D., Lai, J-S. Input voltage range extension methods in the series-resonant DC-DC converters // 2019 IEEE 15th Brazilian Power Electronics Conference and 5th IEEE Southern Power Electronics Conference (COBEP/SPEC 2019) Santos, Brazil, 1-4 December 2019. Red Hook : IEEE, 2019. p. 1493-1499.
536. Chub, A., Vinnikov, D., Stepenko, S., Liivik, E., Blaabjerg, F. Photovoltaic energy yield improvement in two-stage solar microinverters // *Energies* (2019) vol. 12, 19, art. 3774, 17 p. : ill.
537. Consonni, V., Briscoe, J., Kärber, E. et al. ZnO nanowires for solar cells : a comprehensive review // *Nanotechnology* (2019) vol. 30, 36, art. 362001, 41 p : ill.
538. Crasta, C., Agabus, H. Data analysis of building sensors for efficient energy management and future trends in the EU // 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärdla, Estonia, June 12-15, 2019 : proceedings. [S.l.] : IEEE, 2019. 8 p. : ill.
539. Crasta, C.J. Analysis of building sensor data to explain the experienced indoor room temperature // 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. Tallinn : TALTECH, 2019. p. 211-212 : ill.
540. Cuestas, J., Lucotte, Y., Reigl, N. The evolution and heterogeneity of credit procyclicality in Central and Eastern Europe // Tallinn : Eesti Pank, 2019. 41 p. : ill. (Working Paper Series / Eesti Pank ; 3/2019).
541. Culin, C., Tente, K., Konist, A., Maaten, B., Loo, L. et al. Reactivities of American, Chinese and Estonian oil shale semi-cokes and Argonne premium coal chars under oxy-fuel combustion conditions // *Oil shale* (2019) vol. 36, 3, p. 353-369 : ill.
542. Davtyan, D., Mnatsakanyan R., Liu, L., Aydinyan, S., Hussainova, I. Microwave synthesis of B₄C nanopowder for subsequent spark plasma sintering // *Journal of materials research and technology* (2019) vol. 8, 6, p. 5823-5832 : ill.
543. De Luca, F. Advanced solar envelope generation // *Regenerative design in digital practice : a handbook for the built environment*. Bolzano : Eurac Research, 2019. p. 123-128 : ill.
544. De Luca, F. Environmental performance-driven urban design: parametric design method for the integration of daylight and urban comfort analysis in cold climates // *Computer-aided architectural design. "Hello, Culture"* : 18th International Conference, CAAD Futures 2019, Daejeon, Republic of Korea, June 26-28, 2019 : selected papers. Cham : Springer Nature Singapore Pte Ltd, 2019. p. 15-31. (Communications in computer and information science ; 1028).
545. De Luca, F. Sun and wind : integrated environmental performance analysis for building and pedestrian comfort // *SimAUD 2019 : 2019 Proceedings of the Symposium on Simulation for Architecture & Urban Design : 10th Anniversary Edition*. [S.l.] : Simulation Councils, c2019. p. 3-10 : ill.
546. Dündar, I., Kritševskaja, M., Katerski, A., Krunks, M., Oja Acik, I. Photocatalytic degradation of different VOCs in the gas-phase over TiO₂ thin films prepared by ultrasonic spray pyrolysis // *Catalysts* (2019) vol. 9, 11, art. 915 ; 18 p. : ill.

547. Dündar, I., Kritševskaja, M., Katerski, A. P., Oja Acik, I. TiO₂ thin films by ultrasonic spray pyrolysis as photocatalytic material for air purification // Royal Society open science (2019) vol. 6, 2, art. 181578, 12 p. : ill.
548. Edinger, S., Bansal, N., Wibowo, A.R., Meissner, D. et al. All-solution-processed transparent front contact for monograin layer kesterite solar cells // Progress in photovoltaics : research and applications (2019) vol. 27, 6, p. 547-555.
549. Eensalu, J., Katerski, A., Kärber, E., Oja Acik, I., Krunks, M. et al. Semitransparent Sb₂S₃ thin film solar cells by ultrasonic spray pyrolysis for use in solar windows // Beilstein journal of nanotechnology (2019) vol. 10, p. 2396–2409.
550. Eensalu, J.S., Katerski, A., Kärber, E., Oja Acik, I., Mere, A., Krunks, M. Uniform Sb₂S₃ optical coatings by chemical spray method // Beilstein journal of nanotechnology (2019) 10, p. 198-210 : ill.
551. Eensalu, J.S., Katerski, A., Kärber, E., Oja Acik, I., Mere, A., Krunks, M. Uniform Sb₂S₃ optical coatings by chemical spray method // Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid]. Tartu : Tartu Ülikool, 2019. 1 p.
552. Ellmann, A. Rahvusvahelise Geodeesia ja Geofüüsika Liidu (IUGG) XXVII peassamblee Montrealis // Geodeet (2019) 49, lk. 49--50 : fot.
553. Ellmann, A., Kollo, K. IAG Euroopa referentsraamistike allkomisjoni EUREF Sümpoosion Tallinnas // Geodeet (2019) 49, lk. 52-54 : fot.
554. Ellmann, A., Kollo, K., Varbla, S. Geodetic validation of sea Level variability in offshore // IUGG 2019 : abstract book. [S.l.] : International Union of Geodesy and Geophysics, 2019. [1] p., abstract: JG06 p-109.
555. Ellmann, A., Märdla, S., Oja, T. Geoidi modelleerimine kõrguste lähtenivoopinnana // Teadusmõte Eestis (X). Tehnikateadused. 3 : [artiklilogumik]. Tallinn : Argo, 2019. lk. 21-36 : ill. (Teadusmõte Eestis ; 10).
556. Ellmann, A., Märdla, S., Oja, T. The 5 mm geoid model for Estonia computed by the least squares modified Stokes's formula // Survey review (2019) 21 p. : ill.
557. Ellmann, A., Oja, T. New 5 mm geoid model for Estonia // [EUREF2019 abstracts]. [Tallinn] : [Maa-amet], 2019. p. [60].
558. Ersan, Ö., Üzümcüoğlu, Y., Azık, D., Pashkevich, A., Pashkevich, M. et al. The relationship between self and other in aggressive driving and driver behaviors across countries // Transportation research part F: traffic psychology and behaviour (2019) vol. 66, p. 122-138.
559. Felius, L.C., Thalfeldt, M., Georges, L. et al. Wood burning habits and its effect on the electrical energy demand of a retrofitted Norwegian detached house // IOP conference series : earth and environmental science (2019) vol. 352, art. 012022, 9 p. : ill.
560. Ferrantelli, A., Baroudi, D., Khakalo, S. et al. Thermomechanical surface instability at the origin of surface fissure patterns on heated circular MDF samples // Fire and materials (2019) vol. 43, 6, p. 707-716.
561. Ferrantelli, A., Fadejev, J., Kurnitski, J. Energy pile field simulation in large buildings: validation of surface boundary assumptions // Energies (2019) vol. 12, 5, art. 770, 20 p. : ill.
562. Ferrantelli, A., Fadejev, J., Kurnitski, J. Parametric study for the long term energetic performance of geothermal energy piles // IOP conference series : earth and environmental science (2019) vol. 352, art. 012047, 9 p. : ill.
563. Ferrantelli, A., Vornanen-Winqvist, C., Mattila, M., Salonen, H., Kurnitski, J. Positive pressure effect on moisture performance in a school building // Journal of building physics (2019) vol. 43, 2, p. 121-142 : ill.
564. Fesenko, A., Matiushkin, O., Husev, O. et al. Feasibility study of interleaving approach for buck-boost inverter with unfolding circuit // 2019 IEEE 2nd Ukraine Conference on Electrical and Computer Engineering : UKRCON-2019 : conference proceedings. Danvers : IEEE, 2019. p. 415–419 : ill.
565. Firouzjah, K., Ahmadiyahangar, R., Rosin, A., Häring, T. A fast current harmonic detection and mitigation strategy for shunt active filter // 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärldla, Estonia, June 12-15, 2019 : proceedings. [S.l.] : IEEE, 2019. 5 p. : ill.

566. Fomitšov, M. Low-temperature supercritical conversion of Kukersite oil shale // Oil shale (2019) vol. 36, 2S, p. 171-178 : ill.
567. Galkin, I., Blinov, A., Verbytskyi, I., Zinchenko, D. Modular self-balancing battery charger concept for cost-effective power-assist wheelchairs // Energies, Special Issue Power Electronic Systems for Efficient and Sustainable Energy Supply (2019) vol. 12, 8, art. 1526, 21 p. : ill.
568. Ganchev, M., Dimitrov, D., Stankova, S., Katerski, A., Gadjov, I., Volobujeva, O., Mere, A., Bereznev, S., Krunk, M. Electrodeposited molybdenum oxide coatings for thin film chalcopyrite solar cells // 10th Jubilee Conference of the Balkan Physical Union. New York : AIP Publishing, 2019. art. 140002. (AIP Conference Proceedings; 2075, 1).
569. Ganchev, M., Katerski, A., Stankova, S., Eensalu, J. S. et al. Spin - coating of SnO₂ thin films // Journal of physics : conference series (2019) vol. 1186, art. 012027, 7 p. : ill.
570. Ganchev, M., Katerski, A., Stankova, S., Eensalu, J. S. et al. Tin dioxide thin films deposited by sol - gel technique // 10th Jubilee Conference of the Balkan Physical Union. New York : AIP Publishing, 2019. art. 140001, 8 p. (AIP Conference Proceedings; 2075A).
571. Georges, L., Thalfeldt, M., Skreiberg, O., Fornari, W. Validation of a transient zonal model to predict the detailed indoor thermal environment : Case of electric radiators and wood stoves // Building and environment (2019) vol. 149, p. 169-181 : ill.
572. Gevorkov, L., Rassõlkin, A., Kallaste, A., Vaimann, T. Flood prevention through condition monitoring of pumping stations // 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019 : conference proceedings. Danvers : IEEE, 2019. 5 p. : ill.
573. Gevorkov, L., Rassõlkin, A., Kallaste, A., Vaimann, T. Model for torque estimation of pump system with horizontal pipe network // 2019 26th International Workshop on Electric Drives : Improvement in Efficiency of Electric Drives (IWED) : Moscow Power Engineering Institute, Moscow, Russia, 30th of January - 2nd of February 2019 : proceedings. Danvers : IEEE, 2019. 5 p. : ill.
574. Ghahfarokhi, P.S. Thermal management of a SynRM for traction application // 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. Tallinn : TALTECH, 2019. p. 109-110 : ill.
575. Ghahfarokhi, P.S., Kallaste, A., Belahcen, A., Vaimann, T. Review of the analytical flow model to predict the hydraulic behaviour in electrical machine // 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärdla, Estonia, June 12-15, 2019 : proceedings. [S.l.] : IEEE, 2019. 4 p. : ill.
576. Ghahfarokhi, P.S., Kallaste, A., Vaimann, T., Belahcen, A. Thermal analysis of totally enclosed fan cooled synchronous reluctance motor-state of art // IECON 2019 - 45th Annual Conference of the IEEE Industrial Electronics Society : proceedings. Danvers : IEEE, 2019. p. 4372-4377 : ill.
577. Ghisani, F., Timmo, K., Altosaar, M., Raudoja, J. Synthesis and characterization of tetrahedrite Cu₁₀Cd₂Sb₄S₁₃ monograin material for photovoltaic application [Online resource] // Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid]. Tartu : University of Tartu, 2019. 1 p.
578. Goi, A. Removal of natural radioactivity from groundwater used as a drinking water source // Seventh International Conference on Radiation in Various Fields of Research, RAD 7, [RAD 2019], 10-14.06.2019, Herceg Novi, Montenegro : book of abstracts. Niš : RAD Centre, 2019. p. 87.
579. Goi, A., Vaasma, T., Suursoo, S., Leier, M., Nilb, N. Mangaandioksiidi baasil tehnoloogia arendamine joogivee puhastamiseks // XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid. Tallinn : Eesti Keemiaselts, 2019. lk. 14.
580. Gomon, D., Auriemma, F., Antonov, M. Assessment of abrasive powder behaviour during impact-abrasive wear of PCD elements // Wear (2019) vol. 426-427, Part A, p. 151-161 : ill.
581. Grossberg, M., Krustok, J., Hages, C. J., Bishop, D. et al. The electrical and optical properties of kesterites // Journal of Physics : Energy (2019) vol. 1, 4, art. 044002, 16 p. : ill.

582. Grossberg, M., Volobujeva, O., Penezko, A., Kaupmees, R., Raadik, T., Krustok, J. Origin of photoluminescence from antimony selenide // *Journal of alloys and compounds* (2019) vol. 817, art. 152716, 5 p. : ill.
583. Hallik, H. TalTech Tartu Kolledži tudengid käisid Pööpiga robolahingul // *Mente et Manu* (2019) 2, lk. 42-43 : fot.
584. Hallik, J., Gustavson, H., Kalamees, T. Air leakage of joints filled with polyurethane foam // *Buildings* (2019) vol. 9, 7, art. 172, 15 p. : ill.
585. Hallik, J., Kalamees, T. Development of airtightness of Estonian wooden buildings // *Proceedings of the I Forum Wood Building Baltic, 2019* : [27.02-1.03.2019, Tallinn]. [Tallinn] : [Tallinna Tehnikaülikooli Kirjastus], [2019]. p. 46-47 : ill.
586. Hallik, J., Kalamees, T. Development of airtightness of Estonian wooden buildings // *Journal of sustainable architecture and civil engineering* (2019) vol. 24, 1, p. 36-43 : ill.
587. Hamburg, A., Kalamees, T. How well are energy performance objectives being achieved in renovated apartment buildings in Estonia? // *Energy and buildings* (2019) vol. 199, p. 332–341.
588. Hamburg, A., Kalamees, T. Improving the Indoor Climate and Energy Saving in Renovated Apartment Buildings in Estonia // *Cold Climate HVAC 2018 : Sustainable buildings in cold climates : proceedings of the 9th Cold Climate HVAC conference, Kiruna, Sweden, 2018, 12-15 March*. Cham : Springer, 2019. p. 243-251. (Springer proceedings in energy).
589. Heidari, H. A novel vector control strategy for six-phase induction motor with low torque ripples and harmonic currents // *18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019* : [proceedings]. Tallinn : TALTECH, 2019. p. 121-122.
590. Heidari, H., Rassõlkin, A., Kallaste, A., Vaimann, T., Belahcen, A. Harmonics distortion in inverter-fed motor-drive systems : case study // *2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärda, Estonia, June 12-15, 2019* : proceedings. [S.l.] : IEEE, 2019. 4 p. : ill.
591. Heidari, H., Rassõlkin, A., Vaimann, T., Kallaste, A., Belahcen, A. et al. A Novel vector control strategy for a six-phase induction motor with low torque ripples and harmonic currents // *Energies* (2019) vol. 12, 6, art. 1102, 14 p. : ill.
592. Helguero, J., Rosin, A., Biechl, H. Provision of ancillary services of a nanogrid in grid connected mode // *2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärda, Estonia, June 12-15, 2019* : proceedings. [S.l.] : IEEE, 2019. 4 p. : ill.
593. Hemeida, A., Lehtikoinen, A., Rasilo, P., Vansompel, H., Belahcen, A. et al. A Simple and efficient quasi-3D magnetic equivalent circuit for surface axial flux permanent magnet synchronous machines // *IEEE transactions on industrial electronics* (2019) vol. 66, 11, p. 8318-8333 : ill.
594. Hendricks, A., Tintera, J. Stadtumbau in Ostdeutschland und Valga (Estland) - Ähnlichkeiten und Unterschiede // *zfv - Zeitschrift für Geodäsie, Geoinformation und Landmanagement* (2019) Jg. 144, H. 2, p. 85-93.
595. Holovenko, Y., Kollo, L., Jõelett, M., Ivanov, R., Ivanov, R., Veinthal, R. Production of metal-ceramic lattice structures by selective laser melting and carburizing or nitriding // *Proceedings of the Estonian Academy of Sciences* (2019) vol. 68, 2, p. 131-139 : ill.
596. Hosseinzadeh, S. L., Khorasanchi, M., Seif, M. S. Investigation of planing vessels motion using nonlinear strip theory - an experimental and numerical study // *Ships and offshore structures* (2019) vol. 14, 7, p. 684-697 : ill.
597. Husev, O. Novel family of single-stage buck-boost inverters based on unfolding circuit // *18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019* : [proceedings]. Tallinn : TALTECH, 2019. p. 39-40 : ill.
598. Husev, O., Matiushkin, O., Roncero-Clemente, C., Blaabjerg, F., Vinnikov, D. Novel family of single-stage buck-boost inverters based on unfolding circuit // *IEEE transactions on power electronics* (2019) vol 34, 8, p. 7662-7676 : ill.

599. Husev, O., Matiushkin, O., Roncero-Clemente, C., Vinnikov, D., Chopyk, V. Bidirectional twisted single-stage single-phase buck-boost DC-AC converter // *Energies* (2019) vol. 12, 18, art. 3505, 14 p. : ill.
600. Husev, O., Pimentel, S., Vinnikov, D., Kütt, L., Rodriguez, J. Indirect model predictive control for inverter connected to distorted grid with significant computation delay // *IECON 2019 - 45th Annual Conference of the IEEE Industrial Electronics Society* : proceedings. Danvers : IEEE, 2019. p. 6483-6488 : ill.
601. Husev, O., Shults, T., Vinnikov, D., Roncero-Clemente, C.; Romero-Cadaval, E., Chub, A. Comprehensive comparative analysis of impedance-source networks for DC and AC application // *Electronics* (2019) vol. 8, 4, 21 p. : ill.
602. Husev, O., Stepenko, S., Vinnikov, D. et al. Efficiency study of the single-phase solar qZS-based inverter // *IECON 2019 - 45th Annual Conference of the IEEE Industrial Electronics Society* : proceedings. Danvers : IEEE, 2019. p. 4399-4404.
603. Hussainova, I. Nanokiudude võrgustik baasina mitmefunktsiooniliste hübriidmaterjalide läbimurdeks // *Eesti Vabariigi preemiad 2019 : teadus. F. J. Wiedemanni keeleauhind. Kultuur. Sport. Tallinn : Eesti Teaduste Akadeemia, 2019. lk. 109-117* : ill.
604. Hussainova, I., Drozdova, M., Ivanov, R., Kale, S., Jasiuk, I. Electroconductive oxide ceramics with graphene-encapsulated fillers // *Proceedings of the 42nd international conference on advanced ceramics and composites. New York : The American Ceramic Society, 2019. p. 251-258. (Ceramic engineering and science proceedings ; Vol. 39, 2).*
605. Hussainova, I., Ivanov, R., Kale S.S., Jasiuk, I. Encapsulated whiskers as electroconductive fillers for ceramics // *Short fibre reinforced cementitious composites and ceramics. Cham, Switzerland : Springer Nature Switzerland AG, 2019. p. 131-[139]. (Advanced structured materials ; 95).*
606. Hussainova, I., Ivanov, R., Kale, S.S., Jasiuk, I. Tunneling-percolation behavior of graphene-encapsulated whiskers as electroconductive fillers for ceramics // *Short fibre reinforced cementitious composites and ceramics. Cham : Springer Nature Switzerland AG, 2019. p. 131-139. (Advanced structured materials ; 95).*
607. Häring, T. First year PhD studies : modifying price based set point calculation algorithms for use in off-grid mode // *18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. Tallinn : TALTECH, 2019. p. 181-182* : ill.
608. Häring, T., Ahmadiyahangar, R., Biechl, H., Rosin, A. Impact of load matching algorithms on the battery capacity with different household occupancies // *IECON 2019 - 45th Annual Conference of the IEEE Industrial Electronics Society* : proceedings. Danvers : IEEE, 2019. p. 2541-2547.
609. Häring, T., Ahmadiyahangar, R., Rosin, A. et al. Comparison of the impact of different household occupancies on load matching algorithms // *2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärdla, Estonia, June 12-15, 2019 : proceedings. [S.l.] : IEEE, 2019. 6 p. : ill.*
610. Häring, T., Rosin, A., Biechl, H. Using common household thermal storages to support the PV- and battery system in nearly zero energy buildings in off-grid mode // *Sustainable energy technologies and assessments* (2019) vol. 35, p. 12-24 : ill.
611. Ilomets, S. Milline on Mustamäe tervis? : [noorteadlaste konkursi Teadus kolme minutiga ettekanne] // *Teadus kolme minutiga : 2017-2019. [Tallinn] : Argo, 2019. lk. 80-83 : portr., ill. (Elav teadus ; 21).*
612. Ilomets, S., Kalamees, T., Tariku, F. Indoor climate loads for dwellings in different cold climates to assess hygrothermal performance of building envelopes // *Canadian journal of civil engineering* (2019) vol. 46, 11, p. 963-968.
613. Iqbal, M.N. Modeling of lighting load for the residential building // *18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. Tallinn : TALTECH, 2019. p. 183-184* : ill.

614. Iqbal, M.N., Jarkovoi, M., Kütt, L., Shabbir, N. Impact of LED thermal stability to household lighting harmonic load current modeling // 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärđla, Estonia, June 12-15, 2019 : proceedings. [S.l.] : IEEE, 2019. 6 p. : ill.
615. Iqbal, M.N., Kütt, L., Shabbir, N. Modeling of lighting load in residential buildings // Proceeding of the 4th International Conference on Recent Trends in Computer Science and Electronics 2019. [S.l.] : RTCSE, c2019. p. 111.
616. Ivakhno, V., Zamaruiev, V., Styslo, B., Blinov, A. Experimental verification of a two-stage bidirectional DC/DC converter with separated commutation and asymmetrical structure of current-source stage // 2019 IEEE 2nd Ukraine Conference on Electrical and Computer Engineering : UKRCON-2019 : conference proceedings. Danvers : IEEE, 2019. p. 369-374 : ill.
617. Ivask, M., Kuu, A., Meriste, M., Kutti, S., Raamets, J., Palo, A. Chilopoda and Diplopoda of semi natural flooded meadows in Matsalu, Estonia // Pedobiologia (2019) vol. 74, p. 24-33 : ill.
618. Ivask, M., Rütli, R., Lepasaar, T., Nei, L., Raamets, J., Kuu, A. Innovatsioon keskkonnamõõtmises ühendab droonid ja vihmaussid // Jälg (2019) 2, lk. 52-58.
619. Jaanus, M., Umbleja, K., Udal, A., Pärnamets, K. Integrated labs for electrical engineering courses in competence based learning environment - practical experience // 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärđla, Estonia, June 12-15, 2019 : proceedings. [S.l.] : IEEE, 2019. 4 p. : ill.
620. Jalakas, T., Roasto, I., Najafzadeh, M. Combined active frequency drift islanding detection method for NZEB energy router // 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019 : conference proceedings. Danvers : IEEE, 2019. 6 p.
621. Janno, J. Tallinna Tehnikaülikoolis on uuenenud logistika õppekava // Transport ja Teed (2019) 2, lk. 30-31 : fot.
622. Jarkovoi, M., Iqbal, M., Kütt, L. Analysis of harmonic current stability and summation of LED lamps // 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärđla, Estonia, June 12-15, 2019 : proceedings. [S.l.] : IEEE, 2019. 8 p. : ill.
623. Javad, K., Kamboj, N.K. Prashanth, K.G. Additive manufacturing of high-entropy alloys // Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid]. Tartu : Tartu Ülikool, 2019. 1 p.
624. Javed, K., Oolo, M., Savest, N., Krumme, A. A Review on graphene-based electrospun conductive nanofibers, supercapacitors, Anodes, and cathodes for lithium-ion batteries // Critical Reviews in Solid State and Materials Sciences (2019) vol. 44, 5, p. 427-443 : ill.
625. Juhani, K., Kübarsepp, J., Tarraste, M., Pirso, J., Viljus, M. Microstructure formation and performance of reactive sintered titanium oxycarbide base ceramic-ceramic composites // Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia. Zurich : Trans Tech Publications, 2019. p. 131-135 : ill. (Key engineering materials ; 799).
626. Julge, K., Ellmann, A., Köök, R. Unmanned aerial vehicle surveying for monitoring road construction earthworks // The Baltic journal of road and bridge engineering (2019) vol. 14, 1, 17 p. : ill.
627. Jurjeva, J., Koel, M. The chemometric approach to identification of residual oil contamination at former primitive asphalt pavement plants // Oil shale (2019) vol. 36, 3, p. 410-430 : ill.
628. Järvik, J. Can electrical phenomena be explained with the concept of an "electric family tree"? // 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. Tallinn : TALTECH, 2019. p. 45-46 : ill.

629. Kacan, B., Findik, G., Üzümcüoğlu, Y., Pashkevich, A., Pashkevich, M. et al. Driver profiles based on values and traffic safety climate and their relationships with driver behaviors // *Transportation research part F : traffic psychology and behaviour* (2019) vol. 64, p. 246-259.
630. Kaganski, S., Eerme, M., Tungel, E. Optimization of enterprise analysis model for KPI selection // *Proceedings of the Estonian Academy of Sciences* (2019) vol. 68, 4, p. 371-375 : ill.
631. Kaklauskas, A., Bucinskas, V., Vinogradova, I., Ubarte, I. et al. INVAR Neuromarketing Method and System // *Studies in informatics and control* (2019) vol. 28, 3, p. 357-370.
632. Kaklauskas, A., Jokubauskas, D., Ubarte, I. et al. Affective analytics of demonstration sites // *Engineering applications of artificial intelligence* (2019) vol. 81, p. 346-372 : ill.
633. Kaklauskas, A., Lill, I., Amaratunga, D., Ubarte, I. Model for smart, self-learning and adaptive resilience building // *Proceedings of the 10th Nordic Conference on Construction Economics and Organization (CEO 2019), May 7-8, 2019, Tallinn, Estonia. : Emerald Group Publishing Limited, 2019. p. 315–324 : ill. (Emerald Reach Proceedings Series ; 2).*
634. Kaklauskas, A., Zavadskas, E. K., Ubarte, I. et al. An affect-based built environment video analytics // *Automation in Construction* (2019) vol. 106, art. 102888, 22 p. : ill.
635. Kaklauskas, A., Ubarte, I., Kalibatas, D., Lill, I. et al. A multisensory, green, and energy efficient housing neuromarketing method // *Energies* (2019) vol. 12, 20, art. 3836, 30 p. : ill.
636. Kala, V., Ustinova, N. Joonelis-nurgalise vastulõike täpsusest // *Geodeet* (2019) 49, lk. 39-43 : ill.
637. Kalbe, K., Kalamees, T. Influence of window details on the energy performance of an nZEB // *Journal of sustainable architecture and civil engineering* (2019) vol. 24, 1, p. 61-70 : ill.
638. Kalbe, K., Kalamees, T. Influence of window details on the energy performance of an nZEB // *Proceedings of the I Forum Wood Building Baltic, 2019 : [27.02-1.03.2019, Tallinn]. [Tallinn] : [Tallinna Tehnikaülikooli Kirjastus], [2019]. p. 58-59.*
639. Kaljusaar, A. Teadus- ja tehnikakool paneb õpilaste silmad särama // *Mente et Manu* (2019) 2, lk. 47 : fot.
640. Kaljuvee, T., Štubna, I., Hulan, T., Csaki, Š., Uibu, M., Jefimova, J. Influence of waste products from electricity and cement industries on the thermal behaviour of Estonian clay from Kunda deposit // *Journal of thermal analysis and calorimetry* (2019) vol. 138, p. 2635-2650 : ill.
641. Kaljuvee, T., Tõnsuaadu, K., Traksmäa, R. et al. Thermal behaviour of Estonian phosphorites from different deposits // *2nd Journal of Thermal Analysis and Calorimetry Conference, Budapest, June 18-21, 2019 : book of abstracts. [S.I.] : AKCongress, 2019. p. 134-135.*
642. Kaljuvee, T., Tõnsuaadu, K., Traksmäa, R., Einard, M. et al. Thermal behaviour of Estonian phosphorites from different deposits // *Journal of thermal analysis and calorimetry* (2019) 13 p.
643. Kaljuvee, T., Uibu, M., Einard, M., Yörük, C. R., Trikkel, A., Kuusik, R. et al. Application of thermal analysis techniques for studying the possibilities of utilization of oil shale ashes formed at electricity production in Estonia // *5th Central and Eastern European Conference on Thermal Analysis and Calorimetry & 14th Mediterranean Conference on Calorimetry and Thermal Analysis , 27-30 August 2019, Roma, Italy: CEEC-TAC5 & Medicta2019 : book of abstracts. Greifswald : Central and Eastern European Committee for Thermal Analysis and Calorimetry (CEEC-TAC), 2019. p. 47.*
644. Kallakas, H., Ayansola, S. G., Tumanov, T., Goljandin, D., Poltimäe, T., Krumme, A., Kers, J. Influence of birch false heartwood on the physical and mechanical properties of wood-plastic composites // *Bioresources* (2019) vol. 14, 2, p. 3554-3566 : ill.
645. Kallakas, H., Liblik, J., Alao, P. F., Poltimäe, T., Just, A., Kers, J. Fire and mechanical properties of hemp and clay boards for timber structures // *IOP conference series : earth and environmental science, Central Europe towards Sustainable Building (CESB19) 2-4 July 2019, Prague, Czech Republic* (2019) vol. 290, art. 012019, 8 p. : ill.
646. Kallaste, A. Additive manufacturing of electrical machines // *18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. Tallinn : TALTECH, 2019. p. 61-62 : ill.*

647. Kallaste, A., Vaimann, T., Belahcen, A., Shams Ghahfarokhi, P., Rassõlkin, A. Analysis of the local and global forces acting on the coil structure of a modular slotless permanent magnet generator // *Scientific Journal of Riga Technical University. Electrical, control and communication engineering* (2019) vol. 15, 1, p. 9-14 : ill.
648. Kamboj, N. K., Hussainova, I., Rodriguez Barbero, M. A., Rodrigo, S., Prashanth, K. G. Synthesis of porous bio-ceramic (Silicon and Calcium silicate) implants by selective laser melting for local delivery of Vancomycin // *43rd International Conference & Exposition on Advanced Ceramics and Composites : abstract book*. [S.l.]: The American Ceramic Society, c2019. p. 190.
649. Kamboj, N., Aghayan, M., Rodrigo-Vazquez, C. S., Rodriguez, M. A., Hussainova, I. Novel silicon-wollastonite based scaffolds for bone tissue engineering produced by selective laser melting // (2019) vol. 45, 18, Part A, p. 24691-24701 : ill.
650. Kamboj, N.K., Hussainova, I., Rodriguez Barbero, M. A., Rodrigo, S., Prashanth, K. G. Synthesis of porous bio-ceramic(Silicon and Calcium silicate) implants by selective laser melting for local delivery of Vancomycin // *43rd International Conference & Exposition on Advanced Ceramics and Composites : abstract book*. [S.l.]: The American Ceramic Society, 2019. p. 190.
651. Kamboj, N.K., Rodriguez, M.A., Rahmani, R., Prashanth, K.G., Hussainova, I. Bioceramic scaffolds by additive manufacturing for controlled delivery of the antibiotic vancomycin // *Proceedings of the Estonian Academy of Sciences* (2019) vol. 68, 2, p. 185-190 : ill.
652. Kamboj, N.K., Saffar Shamshirgar, A., Shirshneva-Vaschenko, E., Hussainova, I. Deposition of iron oxide nanoparticles on mesoporous alumina network by wet-combustion technology // *Materials chemistry and physics* (2019) vol. 225, p. 340-346 : ill.
653. Kangru, T. Development of performance evaluation model for a robot-based manufacturing cell // *18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering"*. Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. Tallinn : TALTECH, 2019. p. 101-102.
654. Kangru, T., Riives, J., Mahmood, K., Otto, T. Suitability analysis of using industrial robots in manufacturing // *Proceedings of the Estonian Academy of Sciences* (2019) vol. 68, 4, p. 383-88 : ill.
655. Kaplinski-Sauk, M. Kvalitatiivse kaardianalüüsi meetodi kasutamine külade plaanistruktuuri säilivuse uurimisel. *Eesti Hageri küla näitel (1691 - 2019)* // *Acta architecturae naturalis = Maastikuarhitektuurseid uurimusi* (2019) 5, lk. 15-36 : kaardid.
656. Karaulova, T., Andronnikov, K., Mahmood, K., Ševtšenko, E. Lean automation for low-volume manufacturing environment // *Proceedings of the 30th International DAAAM Symposium : Intelligent Manufacturing & Automation, 23-26th October 2019, Zadar, Croatia*. Vienna : DAAAM International Vienna, 2019. p. 0059-0068 : ill.
657. Karimi, J., Prashanth, K.G. Selective laser melting of Ti6Al4V : effect of remelting // *APICAM2019 program : [abstracts]*. [Melbourne] : APICAM, [2019]. p. [5].
658. Kask, M., Bolobajev, J., Kritševskaja, M. Effect of ozone on photocatalytic oxidation of acetone and toluene vapours in continuous multi-section reactor // *6th European Conference on Environmental Applications of Advanced Oxidation Processes, Portorož - Portorose, Slovenia, 26-30 June 2019 : book of abstracts*. Ljubljana : Slovenian Chemical Society, 2019. p. 657.
659. Kask, M., Bolobajev, J., Kritševskaja, M. Effect of ozone on photocatalytic oxidation of acetone vapour [Online resource] // *Tartu Ülikooli ASTRA projekt PER ASPERA : funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid]*. Tartu : Tartu Ülikool, 2019. 1 p.
660. Kask, M., Bolobajev, J., Kritševskaja, M. Osooni mõju atsetooniauru fotokatalüütilisele oksüdeerimisele // *XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid*. Tallinn : Eesti Keemiaselts, 2019. lk. 17.
661. Kask, M., Koel, M., Bolobajev, J. Application of metal-doped organic aerogels for photodegradation of trimethoprim in water // *Aerogels processing, modeling and environmental-driven applications : book of abstracts..* [S.l.], 2019. p. 28.

662. Kask, M., Kritševskaja, M., Bolobajev, J. Sonolytic degradation of pesticide metazachlor in water : The role of dissolved oxygen and ferric sludge in the process intensification // *Journal of environmental chemical engineering* (2019) vol. 7, 3, art. 103095, 7 p. : ill.
663. Katinas, E., Antonov, M., Jankauskas, V., Tarraste, M. The effect of spark plasma sintering thermal cycle on behaviour of Fe-based hardfacings reinforced with WC and WC-based hardmetal // *Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019*. Selected, peer reviewed papers from the conference *Modern Materials and Manufacturing 2019 (MMM 2019)*, April 24-26, 2019, Tallinn, Estonia. Zurich : Trans Tech Publications, c2019. p. [3]-8 : ill. (Key engineering materials ; 799).
664. Kauk-Kuusik, M., Grossberg, M., Oja Acik, I., Krunks, M. Päikeseenergeetika materjalide uuringud Eestis // *Teadusmõte Eestis (X)*. Tehnikateadused. 3. Tallinn : Argo, 2019. lk. 59-65 : ill., fot. (Teadusmõte Eestis ; 10).
665. Kauk-Kuusik, M., Li, X., Pilvet, M., Timmo, K., Mikli, V., Kaupmees, R., Danilson, M., Grossberg, M. Nano-scale sulfurization of the Cu₂ZnSnSe₄ crystal surface for photovoltaic applications // *Journal of materials chemistry A* (2019) vol. 7, 43, p. 24884-24890 : ill.
666. Kaupmees, R., Grossberg, M., Krustok, J. Chemical vapour deposition of WS₂ monolayers [Online resource] // *Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad* : [4.-5. veebr. 2019, Tartu : teesid]. Tartu : Tartu Ülikool, 2019. 1 p.
667. Kaupmees, R., Komsa, H.-P., Krustok, J. Photoluminescence study of B-trions in MoS₂ monolayers with high density of defects // *Physica status solidi (b)* (2019) vol. 256, 3, art. 1800384, 5 p. : ill.
668. Kedar, A., Sein, S. First results from a benchmarking of quality control frameworks // *Life cycle analysis and assessment in civil engineering: towards an integrated vision : proceedings of the Sixth International Symposium on Life-Cycle Civil Engineering (IALCCE 2018)*, 28-31 October 2018, Ghent, Belgium. London : Taylor & Francis Ltd, 2019. p. 1799–1804 : ill.
669. Kedar, A., Sein, S., Ademovic, N., Panetsos, P. et al. Developing case studies for implementing COST TU1406 Quality Control plan procedure for typical highway bridges // *IABSE Symposium Guimarães 2019 : Towards a Resilient Built Environment - Risk and Asset Management*, March 27-29, 2019, Guimarães, Portugal. Zurich : International Association for Bridge and Structural Engineering (IABSE), 2019. p. 531-539 : ill.
670. Kendra, A. Mõtteid Reidi teest ja Tallinna liikluslahendustest // *Transport ja Teed* (2019) 4, lk. 34-35.
671. Kendra, A. Operatiivsem ja täpsem võimalus katendite kontrolliks // *Ehitaja* (2019) 8, lk. 46-47.
672. Kendra, A. Tallinnas toimus järjekordne Taristuehituse konverents // *Transport ja Teed* (2019) 6, lk. 35-38 : fot.
673. Kendra, A. Teekasutustasu laekumise automaatkontrollist // *Transport ja Teed* (2019) 2, lk. 36-38.
674. Kendra, A. Veel raskeveoki mõjust teekatenditele // *Transport ja Teed* (2019) 1, lk. 36-38.
675. Kidakova, A., Boroznjak, R., Reut, J., Öpik, A., Sõritski, V. Development of synthetic receptor-based sensors for detection of neurotrophic factor proteins // *Graduate Student Symposium on Molecular Imprinting 2019*, Berlin, Germany, August 28-30, 2019 : *Symposium Programme and Book of Abstracts*. [S.l.] : Royal Society of Chemistry, 2019. p. 31.
676. Kidakova, A., Boroznjak, R., Reut, J., Öpik, A., Sõritski, V. Molecularly imprinted polymers as synthetic antibodies for neurotrophic factor proteins detection. // *Baltic Polymer Symposium 2019 : Vilnius, Lithuania, 18-20 September 2019 : programme and proceedings*. Vilnius, 2019. p. 44.
677. Kidakova, A., Reut, J., Boroznjak, R., Öpik, A., Sõritski, V. Advanced sensing materials based on molecularly imprinted polymers towards developing point-of-care diagnostics devices // *Proceedings of the Estonian Academy of Sciences* (2019) vol. 68, 2, p. 158-167 : ill.
678. Kidakova, A., Sõritski, V., Reut, J., Öpik, A. Electrochemical sensor based on molecularly imprinted polymers for label-free detection of neurotrophic factor protein [Online resource] // *Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad* : [4.-5. veebr. 2019, Tartu : teesid]. Tartu : Tartu University, 2019. 1 p.

679. Kiil, M., Mikola, A., Thalfeldt, M., Kurnitski, J. Thermal comfort and draught assessment in a modern open office building in Tallinn // E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019. [S.l.] : EDP Sciences, 2019. art. 02013, 7 p. : ill. (E3S Web of Conferences ; 111).
680. Kiil, M., Simson, R., De Luca, F., Thalfeldt, M., Kurnitski, J. Overheating and daylighting evaluation for free-running classroom designs // IOP conference series : earth and environmental science (2019) vol. 352, art. 012059, 7 p. : ill.
681. Kiitam, I. Test method for determining radiation absorptivity and emissivity coefficients of ACSR conductors // 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. Tallinn : TALTECH, 2019. p. 185-186 : ill.
682. Kiitam, I., Taklaja, P., Pohlak, M., et al. Strength analysis of medium voltage overhead line crossarms for updating conductor // 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärdla, Estonia, June 12-15, 2019 : proceedings. [S.l.] : IEEE, 2019. 6 p. : ill.
683. Kilter, J., Metusala, T., Raesaar, P. Uuenenud nõuded õhuliinidele. Standard EVS-EN 50341-2-20:2018 // Elektriala (2019) 2, lk. 22-23 : ill.
684. Kirs, M., Eerme, M., Bassir, D., Tungel, E. Application of HOHWM for vibration analysis of nanobeams // Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia. Tallinn : Trans Tech Publications, 2019. p. 230-235. (Key engineering materials ; 799).
685. Klauson, A. Inimtekkeline heli ookeanis ja selle mõju merekeskkonnale // Teadusmõte Eestis (X). Tehnikateadused. 3 : [artiklikogumik]. Tallinn : Argo, 2019. lk. 66-74 : ill. (Teadusmõte Eestis ; 10).
686. Klauson, D., Romero Sarcos, N., Kritševskaja, M., Kattel, E., Dulova, N., Dedova, T., Trapido, M. Advanced oxidation processes for sulfonamide antibiotic sulfamethizole degradation : Process applicability study at ppm level and scale-down to ppb level // Journal of environmental chemical engineering (2019) vol. 7, 5, art. 103287, 8 p. : ill.
687. Klõšeiko, P., Freudenberg, P. Generative reverse-modelling approach to hygrothermal material characterization // 4th Central European Symposium on Building Physics (CESBP 2019), MATEC web of conferences (2019) vol. 282, art. 02088, 6 p. : ill.
688. Koduvere, H., Tammoja, H. Eesti elektritootmise tulevikuvõimalustest // Elektriala (2019) 7, lk. 8-9 : ill.
689. Kois, J., Polivtseva, S., Bereznev, S. The cost-effective deposition of ultra-thin titanium(IV) oxide passivating layers for improving photoelectrochemical activity of SnS electrodes // Thin solid films (2019) vol. 671, p. 152-156 : ill.
690. Kollo, K., Ellmann, A. Geodetic reconciliation of tide gauge network in Estonia // Geophysica (2019) vol. 54, 1, p. 27-38 : ill.
691. Kollo, K., Metsar, J., Pihlak, P., Ellmann, A. Multi-year solution for the ESTPOS network // [EUREF2019 abstracts]. [Tallinn] : [Maa-amet], 2019. p. [6].
692. Kolnes, M., Kübarsepp, J., Sergejev, F., Kolnes, M. Wear of potential tool materials for aluminium alloys friction stir welding at weld temperatures // Proceedings of the Estonian Academy of Sciences (2019) vol. 68, 2, p. 198-206 : ill.
693. Kommel, L. Microstructure and properties that change during hard cyclic visco-plastic deformation of bulk high purity niobium // International journal of refractory metals and hard materials (2019) vol. 79, p. 10-17 : ill.
694. Kommel, L., Omranpour, B., Mikli, V. Microstructure and physical-mechanical properties evolution of pure tantalum processed with hard cyclic viscoplastic deformation // International journal of refractory metals and hard materials (2019) vol. 83, art. 104983, 10 p. : ill.

695. Kommel, L., Omranpour, B.S., Mikli, V. Structuration of refractory metals tantalum and niobium using modified equal channel angular pressing technique // Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia. Zurich : Trans Tech Publications, 2019. p. 103-108 : ill. (Key engineering materials ; 799).
696. Konist, A. Kas põlevkivil on kohta ka tulevikus? // Riigikogu Toimetised (2019) 40, lk. 201-212.
697. Konist, A., Järvik, O., Pikkor, H., Nešumajev, D., Pihu, T. Utilization of pyrolytic wastewater in oil shale fired CFBC boiler // Journal of cleaner production (2019) vol. 234, p. 487-493 : ill.
698. Konist, A., Pikkor, H., Nešumajev, D., Loo, L., Järvik, O., Siirde, A., Pihu, T. Co-combustion of coal and oil shale blends in circulating fluidized bed boilers // Oil shale (2019) vol. 36, 2S, p. 114-127 : ill.
699. Korkh, O., Blinov, A., Chub, A., Vinnikov, D. Zero-current switching impedance-source DC-DC converter // IECON 2019 - 45th Annual Conference of the IEEE Industrial Electronics Society : proceedings. Danvers : IEEE, 2019. p. 5051-5056.
700. Korkh, O., Blinov, A., Vinnikov, D. Analysis of oscillation suppression methods in the AC-AC stage of high frequency link converters // 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019 : conference proceedings. Danvers : IEEE, 2019. 5 p. : ill.
701. Korõtko, T., Rosin, A., Ahmadiyahangar, R. Development of prosumer logical structure and object modeling // 2019 IEEE 13th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) : [proceedings]. Danvers : IEEE, c2019. 6 p. : ill.
702. Koskela, L., Ferrantelli, A., Niiranen, J., Pikas, E., Dave, B. Epistemological explanation of lean construction // Journal of construction engineering and management (2019) vol. 142, 2, 10 p.
703. Krasnou, I., Plamus, T., Vassiljeva, V., Malmberg, S., Tarasova, E., Krumme, A. Electrospun nanofibrous materials for energy storage and harvesting // Baltic Polymer Symposium 2019 : Vilnius, Lithuania, 18-20 September 2019 : programme and proceedings. Vilnius, 2019. p. 27 : ill.
704. Krasnou, I., Tarasova, E., Malmberg, S., Vassiljeva, V., Krumme, A. Preparation of fibrous electrospun membranes with activated carbon filler // IOP conference series : materials science and engineering (2019) vol. 500, art. 012022, 5 p. : ill.
705. Krumme, A., Viikna, A., Plamus, T., Viirsalu, M. Nanokiulised materjalid // Teadusmõte Eestis (X). Tehnikateadused. 3 : [artiklikogumik]. Tallinn : Argo, 2019. lk. 75-84 : ill., fot. (Teadusmõte Eestis ; 10).
706. Kruuser, K., Riives, J., Tšukrejev, P., Kiolein, I. Implementation of a knowledge-based manufacturing on the example of Sumar Tools OÜ // Proceedings of the Estonian Academy of Sciences (2019) vol. 68, 4, p. 407-412 : ill.
707. Kruut, K. Virumaa täienduskoolitused tõstavad spetsialistide kompetentsi // Mente et Manu (2019) 1, lk. 54 : fot.
708. Kubjas, A., Antov, D. Kohalike teede liikluseduse kaudse hindamise meetod // Acta architecturae naturalis = Maastikuarhitektuurseid uurimusi (2019) 5, lk. 1-14 : ill., kaardid.
709. Kuk, V., Kalamees, T., Kers, J. The effects of production technologies on the air permeability and crack development of cross-laminated timber // Journal of building physics (2019) vol. 43, 3, p. 171-186 : ill.
710. Kuk, V., Kalamees, T., Kers, J. Field measurements of a MHM envelope with ETICS // Proceedings of the I Forum Wood Building Baltic, 2019 : [27.02-1.03.2019, Tallinn]. [Tallinn] : [Tallinna Tehnikaülikooli Kirjastus], [2019]. p. 48-49 : ill.
711. Kuk, V., Kers, J., Kalamees, T. Hygrothermal performance of mass timber wall assembly with external insulation finish system // Buildings XIV : thermal performance of exterior envelopes of whole buildings : [conference proceedings]. [S.l.] : ASHRAE, 2019. 9 p.
712. Kuk, V., Külaots, A., Kers, J., Kalamees, T. Influence of interior layer properties to moisture dry-out of CLT walls // Canadian journal of civil engineering (2019) vol. 46, 11, p. 1001-1009.
713. Kulbach, V. Mälestused // Vaateid mehaanikale Eestis : 1918-2018. Tallinn : [s.n.], 2019. lk. 135-144.
714. Kulbach, V. Ühtsus ja erisus kaabelkonstruktsioonide projekteerimisel // Teadusmõte Eestis (X). Tehnikateadused. 3 : [artiklikogumik]. Tallinn : Argo, 2019. lk. 96-107 : ill. (Teadusmõte Eestis ; 10).

715. Kull, T., Thalfeldt, M., Kurnitski, J. Estimating time constants for underfloor heating control // *Journal of physics : conference series* (2019) vol. 1343, art. 012121, 6 p. : ill.
716. Kull, T.M., Simson, R., Kurnitski, J. Setback efficiency of limited-power heating systems in cold climate // *Cold Climate HVAC 2018 : Sustainable buildings in cold climates : proceedings of the 9th Cold Climate HVAC conference*, Kiruna, Sweden, 2018, 12-15 March. Cham : Springer, 2019. p. 87-95. (Springer proceedings in energy).
717. Kull, T.M., Thalfeldt, M., Kurnitski, J. Optimal PI control parameters for accurate underfloor heating temperature control // *E3S Web of Conferences : CLIMA 2019 Congress*, Bucharest, Romania, May 26-29, 2019. [S.l.] : EDP Sciences, 2019. art. 01081, 8 p. : ill. (E3S Web of Conferences ; 111).
718. Kullerkupp, K. Virumaa Kolledži teadus- ja tehnikakool toob kooliõpilased ülikooli // *Mente et Manu* (2019) 5, lk. 47.
719. Kulu, P., Goljandin, D., Külaviir, J., Hain, T., Kivisto, M. Recycling of niobium slag by disintegrator milling // *Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019*. Selected, peer reviewed papers from the conference *Modern Materials and Manufacturing 2019 (MMM 2019)*, April 24-26, 2019, Tallinn, Estonia. Zurich : Trans Tech Publications, 2019. p. 97-102 : ill. (Key engineering materials ; 799).
720. Kumar, R., Antonov, M. Superhard CBN-AL₂O₃ composites for cutting tool applications // *Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad* : [4.-5. veebr. 2019, Tartu : teesid]. Tartu : Tartu Ülikool, 2019. 1 p.
721. Kuntus, L., Dulova, N., Kattel, E. Degradation of ceftriaxone in water by heterogeneously activated persulfate [Online resource] // *Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad* : [4.-5. veebr. 2019, Tartu : teesid]. Tartu : Tartu University, 2019. 1 p.
722. Kuntus, L., Kaur, B., Trapido, M., Dulova, N., Kattel, E. Tseftriaksooni lagundamine vees heterogeenselt aktiveeritud persulfaadiga // *XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid*. Tallinn : Eesti Keemiaselts, 2019. lk. 20.
723. Kuntus, L., Preis, S., Kornev, I. Electrolytic phenomena in sodium chloride solutions treated in gas-phase pulsed corona discharge reactor // *6th European Conference on Environmental Applications of Advanced Oxidation Processes*, Portorož - Portorose, Slovenia, 26-30 June 2019 : book of abstracts. Ljubljana : Slovenian Chemical Society, 2019. p. 659.
724. Kurnitski, J. NZEB requirements in Nordic countries // *The REHVA European HVAC journal* (2019) vol. 56, 6, p. 8-12 : ill.
725. Kurnitski, J., Lill, I., Annus, I. Kuidas ehitusinseneride õppel läheb // *Eesti Ehituskonsultatsiooniettevõtete Liit, EKEL : [aastaraamat] = Estonian Association of Architectural and Consulting Engineering Companies, EAACEC 2019*. [Tallinn] : Eesti Ehituskonsultatsiooniettevõtete Liit, 2019. lk. 19-24 : ill.
726. Kurnitski, J., Thalfeldt, M., Weele, H. et al. Evidence based residential ventilation: sizing procedure and system solutions addressed by REHVA Residential Ventilation Task Force // *E3S Web of Conferences : CLIMA 2019 Congress*, May 26-29, 2019. Bucharest : EDP Sciences, 2019. art. 01016, 7 p. (E3S Web of Conferences ; 111).
727. Kušar, M., Galvão, N., Sein, S. Regular bridge inspection data improvement using non-destructive testing // *Life cycle analysis and assessment in civil engineering: towards an integrated vision : proceedings of the Sixth International Symposium on Life-Cycle Civil Engineering (IALCCE 2018)*, 28-31 October 2018, Ghent, Belgium. London : Taylor & Francis Ltd, 2019. p. 1793-1797.
728. Kuts, V. Digital twin based synchronized control and simulation of the industrial robotic cell using virtual reality // *18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering"*. Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. Tallinn : TALTECH, 2019. p. 87-88 : ill.

729. Kuts, V., Modoni, G. E., Otto, T., Sacco, M., Tähemaa, T., Bondarenko, Y., Wang, R. Synchronizing physical factory and its digital twin through an IIoT middleware : a case study // Proceedings of the Estonian Academy of Sciences (2019) vol. 68, 4, p. 364-370 : ill.
730. Kuts, V., Otto, T., Tähemaa, T., Bondarenko, Y. Digital twin based synchronised control and simulation of the industrial robotic cell using virtual reality // Journal of machine engineering (2019) vol. 19, 1, p. 128-145 : ill.
731. Kuts, V., Sarkans, M., Otto, T., Tähemaa, T., Bondarenko, Y. Digital Twin : concept of hybrid programming for industrial robots - use case // ASME 2019 International Mechanical Engineering Congress and Exposition : Volume 2: Advanced Manufacturing : conference proceedings. [S.l.] : ASME, c2019. Paper No: IMECE2019-10583, V02BT02A005; 8 pages.
732. Kuusik, R. Starter@Virumaa toob noored ettevõtjate juurde // *Mente et Manu* (2019) 5, lk. 46 : fot.
733. Kuusik, R. Suvepäevad déjà vu ehk kuidas Virumaa Kolledž roosiaias käis // *Mente et Manu* (2019) 4, lk. 56-57 : fot.
734. Kuusik, R. Virumaa kolledž innustab maakonna noori ettevõtjatele // *Mente et Manu* (2019) 1, lk. 41.
735. Kuusk, K., Kaiser, A., Lolli, N., Arumägi, E., Kalbe, K., Hallik, J., Kurnitski, J., Kalamees, T. et al. Energy performance, indoor air quality and comfort in new nearly zero energy day-care centres in northern climatic conditions // *Journal of sustainable architecture and civil engineering* (2019) vol. 24, 1, p. 7-16.
736. Kuusk, K., Kaiser, A., Lolli, N., Jan, J., Hasu, T., Gunnarshaug Lien, A., Arumägi, E., Kalbe, K., Hallik, J., Kurnitski, J., Kalamees, T. Nearly zero energy wooden buildings : day-care centres from NERO project // *Proceedings of the I Forum Wood Building Baltic, 2019* : [27.02-1.03.2019, Tallinn]. [Tallinn] : [Tallinna Tehnikaülikooli Kirjastus], [2019]. p. 54-55 : ill.
737. Kuusk, K., Kurnitski, J. State-subsidised refurbishment of socialist apartment buildings in Estonia // *Housing estates in the Baltic countries : the legacy of central planning in Estonia, Latvia and Lithuania*. Cham : SpringerOpen, c2019. p. 339-355 : ill. (The urban book series).
738. Kuusk, K., Pihelo, P., Kalamees, T. Renovation of apartment buildings with prefabricated modular panels // *E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019*. [S.l.] : EDP Sciences, 2019. art. 03023, 6 p. (E3S Web of Conferences ; 111).
739. Kõrgmaa, V., Kriipsalu, M., Tenno, T., Lember, E., Kuusik, A., Lemmiksoo, V., Pachel, K., Iital, A. Factors affecting SVI in small scale WWTPs // *Water science & technology* (2019) vol. 79, 9, p. 1766-1776.
740. Kõrgmaa, V., Tenno, T., Pachel, K., Iital, A. et al. A novel method for rapid assessment of the performance and complexity of small wastewater treatment plants // *Proceedings of the Estonian Academy of Sciences* (2019) vol. 68, 1, p. 32-42 : ill.
741. Kändler, N., Annus, I., Vassiljev, A., Puust, R., Kaur, K. Controlling stormwater runoff from impermeable areas by using smart inlets // *New trends in urban drainage modelling : UDM 2018 : Conference proceedings*. Cham : Springer, 2019. p. 263-268. (Green energy and technology).
742. Kübarsepp, J. Akadeemia tegevusest 2017. aastal : informaatika ja tehnikateaduste osakond : akadeemik Jakob Kübarsepp : [ettekannet Eesti TA üldkogu aastakoosolekul 20. apr. 2018] // *Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2018*. Tallinn : Eesti Teaduste Akadeemia, 2019. lk. 44-45. (Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae ; 24(51)).
743. Kübarsepp, J. Jakob Kübarsepp : arendusgrant suurendab teaduse ühiskondlikku mõju // *Mente et Manu* (2019) 1, lk. 33 : portr.
744. Kübarsepp, J. Teras kulumiskindlate komposiitide tehnoloogias // *Teadusmõte Eestis (X). Tehnikateadused*. 3 : [artiklikogumik]. Tallinn : Agro, 2019. lk. 108-121 : ill., fot. (Teadusmõte Eestis ; 10).
745. Küttner, R. Mehaanika ja masinaehitus // *Vaateid mehaanikale Eestis : 1918-2018*. Tallinn : [s.n.], 2019. lk. 160-162.
746. Küttner, R., Karjust, K., Otto, T., Riives, J. Digitootmise tehnoloogiate arendusest töötlevale tööstusele // *Teadusmõte Eestis (X). Tehnikateadused*. 3 : [artiklikogumik]. Tallinn : Argo, 2019. lk. 122-129. (Teadusmõte Eestis ; 10).

747. K  n  l, S., Volobujeva, O., Rauwel, P., Rauwel, E. et al. Plant mediated syntheses of silver nanoparticles using common weed (*Plantago Major L.*) // 10th International Conference on Biosystems Engineering 2019 : book of abstracts : May 8-10 2019 Tartu, Estonia. Tartu : Estonian University of Life Sciences, 2019. p. 172.
748. Lahe, A., Braunbr  ck, A., Klauson, A. An exact solution of truss vibration problems // Proceedings of the Estonian Academy of Sciences (2019) vol. 68, 3, p. 244-263 : ill.
749. Lahyaoui, O., Lanfranchi, V., Belahcen, A. et al. Effect of mechanical stress on magnetization and magnetostriction strain behavior of non-oriented Si-Fe steels at different directions and under pseudo-DC conditions // International journal of applied electromagnetics and mechanics (2019) vol. 60, 2, p. 299-312.
750. Lapkovskis, V., Mironovs, V., Irtiseva, K., Goljandin, D. Study of devulcanised crumb rubber-peat bio-based composite for environmental applications // Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia. Zurich : Trans Tech Publications, 2019. p. 148-152 : ill. (Key engineering materials ; 799).
751. Lat  šov, E., Siirde, A., Volkova, A., Thalfeldt, M., Kurnitski, J. The impact of parallel energy consumption on the district heating networks // Environmental and Climate Technologies (2019) vol. 23, 1, 13 p. : ill.
752. Lausmaa, T., Ots, A., Poobus, A., Dedov, A. Calculation analysis of shale oil and power cogeneration // Oil shale (2019) vol. 36, 1, p. 19-31 : ill.
753. Leal Filho, W., Iital, A., Moora, H., Kl  ga, M., Voronova, V. et al. An overview of the problems posed by plastic products and the role of extended producer responsibility in Europe // Journal of cleaner production (2019) vol. 214, p. 550-558.
754. Leben, K., M  tlep, R., Paaver, P., Konist, A., Pihu, T. et al. Long-term mineral transformation of Ca-rich oil shale ash waste // Science of the total environment (2019) vol. 658, p. 1404-1415 : ill.
755. Lehtikoinen, A., Chiodetto, N., Belahcen, A. Improved sampling algorithm for stochastic modelling of random-wound electrical machines // The journal of engineering (2019) vol. 2019, 17, p. 3976-3980.
756. Leinakse, M. Thoughts on conversion of static load models // 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. Tallinn : TALTECH, 2019. p. 187-188 : ill.
757. Leinakse, M., Tani, P., Kilter, J. Impact of distributed generation on estimation of exponential load models // 2019 IEEE Power & Energy Society General Meeting (PESGM). [S.l.] : IEEE, 2019. 5 p. : ill.
758. Leinus, M-L., Berber, H., Tamm, K., Uibu, M. T  stusj  tmetest granuleeritud t  itematerjali saamise optimeerimine ja produkti kvaliteedi hindamine // XXXIV Eesti keemiap  evad : 100. aastap  eva teaduskonverentsi teesid. Tallinn : Eesti Keemiaselts, 2019. lk. 22.
759. Lember, E., Pachel, K., Loigu, E. Removal of heavy metals and total organic carbon from wastewater using powdered activated carbon // Proceedings of the Estonian Academy of Sciences (2019) vol. 68, 1, p. 100-110 : ill.
760. Leontie, L., Sprincean, V., Untila, D., Spalatu, N. et al. Synthesis and optical properties of Ga₂O₃ nanowires grown on GaS substrate // Thin solid films (2019) vol. 689, art. 137502, 6 p. : ill.
761. Li, F.X., Chen, P., Chen, Z., Prashanth, K. G. et al. Face centered cubic titanium in high pressure torsion processed carbon nanotubes reinforced titanium composites // Journal of alloys and compounds (2019) vol. 806, p. 939-945 : ill.
762. Li, X., Kauk-Kuusik, M. Growth of CU₂CDGESE₄ monograin powders in molten salts [Online resource] // Tartu   likooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid]. Tartu : Tartu   likool, 2019. 2 p.
763. Liblik, J., Arum  gi, E., Just, A., K  ppers, J. Preservation of historic wooden buildings with traditional surface finishes // New Horizons in the Conservation of Wooden Built Heritage 21st IIBC Symposium, York 2018, 12 - 15 September 2018, York, UK. [S.l.] : ICOMOS, 2019. p. 150-158 . ill.

764. Liblik, J., Just, A., Maaten, B., Pajusaar, S. et al. Material properties of clay and lime based plaster for structural design // 15th International Interflam Conference : Interflam 2019, 1-3 July, 2019 : Programme. [S.l.] : [s.n], 2019. p. 1813-1824.
765. Liblik, J., Küppers, J., Maaten, B., Just, A. Fire protection provided by clay and lime plasters // Proceedings of the I Forum Wood Building Baltic, 2019 : [27.02-1.03.2019, Tallinn]. [Tallinn] : [Tallinna Tehnikaülikooli Kirjastus], [2019]. p. 84-85 : ill.
766. Liias, R. Klassifitseerimisest ehituses // Eesti Ehituskonsultatsiooniettevõtete Liit, EKEL : [aastaraamat] = Estonian Association of Architectural and Consulting Engineering Companies, EAACEC 2019. [Tallinn] : Eesti Ehituskonsultatsiooniettevõtete Liit, 2019. lk. 25-28 : fot.
767. Liias, R. Tõhus klassifitseerimissüsteem peab käsitlema ehitust tervikuna // Ehitaja (2019) 8, lk. 24-26 : fot.
768. Liisma, E., Kalamees, T., Kuus, B.L., Kuk, V. A case study on construction of CLT building without preliminary roof // Proceedings of the I Forum Wood Building Baltic, 2019 : [27.02-1.03.2019, Tallinn]. [Tallinn] : [Tallinna Tehnikaülikooli Kirjastus], [2019]. p. 44-45 : ill.
769. Liisma, E., Kuus, B.L., Kuk, V., Kalamees, T. A case study on the construction of a CLT building without a preliminary roof // Journal of sustainable architecture and civil engineering (2019) vol. 25, 2, p. 53-62 : ill.
770. Liivik, E., Vinnikov, D., Chub, A., Shen, Y. et al. Reliability study of input side capacitors in impedance-source PV microconverters // IECON 2019 - 45th Annual Conference of the IEEE Industrial Electronics Society : proceedings. Danvers : IEEE, 2019. p. 5026-5032 : ill.
771. Lill, K., Kontson, K., Khan, A. N. et al. Comparison of physical and oxidative aging tendencies for Canadian and Northern European asphalt binders // Canadian Technical Asphalt Association proceedings 2019. Montreal : Canadian Technical Asphalt Association, 2019. p. 369-385. (Annual conference proceedings ; vol. 64).
772. Lille, H., Ruus, A. Composition of engineering drawing through communication skills and social/material interactions from the semiotic aspect // IOP conference series : materials science and engineering, 4th International Conference on Innovative Materials, Structures and Technologies (IMST 2019) : 25-27 September 2019, Riga, Latvia (2019) vol. 660, 1, art. 012011, 6 p.
773. Lille, H., Ruus, A. Composition of engineering drawing through communication skills and social/material interactions from the semiotic aspect // 4th International Conference Innovative Materials, Structures and Technologies : IMST2019 : Organised by the Faculty of Civil Engineering, Riga, Latvia, 25-27 September 2019 : book of abstracts. Riga : RTU Press, 2019. p. 30-31.
774. Lille, H., Ruus, A. Representation of an object as a semiotic sign in engineering // ICGG 2018 - proceedings of the 18th International Conference on Geometry and Graphics : 40th Anniversary-Milan, Italy, August 3-7, 2018. Cham : Springer, c2019. p. 2201-2204. (Advances in intelligent systems and computing ; 890).
775. Lille, H., Ryabchikov, A., Kõo, J., Mikli, V., Adoberg, E., Vagiström, H., Kübarsepp, J., Peetsalu, P. Average residual stresses in hard Physical Vapor Deposited (PVD) coatings // Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia. Zurich : Trans Tech Publications, c2019. p. 20-25 : ill. (Key engineering materials ; 799).
776. Liu, L., Aydinyan, S., Minasyan, T., Baroninš, J., Antonov, M., Hussainova, I. et al. Spark plasma sintering of combustion synthesized TiB₂-Si composite // Ceramics in modern technologies (2019) vol. 1, 1, p. 59-66.
777. Liu, L., Minasyan, T., Aydinyan, S., Hussainova, I. The preparation of TiC/TiN composites by selective laser melting // Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia. Zurich : Trans Tech Publications, 2019. p. 165-170 : ill. (Key engineering materials ; 799).

778. Liu, W., Yang, Y., Liivik, E., Vinnikov, D., Blaabjerg, F. Critical parameter analysis and design of the Quasi-Z-Source inverter // 2019 IEEE 2nd Ukraine Conference on Electrical and Computer Engineering : UKRCON-2019 : conference proceedings. Danvers : IEEE, 2019. p. 474-480 : ill.
779. Lopez-Caiza, D., Flores-Bahamonde, F., Kouro, S., Chub, A. et al. Sliding mode based control of dual boost inverter for grid connection // *Energies* (2019) vol. 12, 22, art. 4241, 15 p.: ill.
780. Lukic, N., Nešovic, A., Nikolic, N., Siirde, A., Volkova, A., Latšov, E. Energy performance of the Serbian and Estonian family house with a selective absorption facade // IOP conference series : materials science and engineering (2019) vol. 659, art. 012047, 10 p. : ill.
781. Lund, P. D., Skytte, K., Bolwig, S., Bolkesjö, T. F., Koduvere, H. et al. Pathway analysis of a zero-emission transition in the Nordic-Baltic region // *Energies* (2019) vol. 12, 17, art. 3337, 20 p. : ill.
782. Löper, M. Preliminary analysis of PMU measurements for power quality assessment // 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. Tallinn : TALTECH, 2019. p. 189-190 : ill.
783. Löper, M., Kilter, J., Stiegler, R., Meyer, J. Compliance assessment of a phasor measurement unit to IEC 61000-4-30 class a for power quality measurements in transmission systems // 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärdla, Estonia, June 12-15, 2019 : proceedings. [S.l.] : IEEE, 2019. 6 p.
784. Maask, V. Second year PhD studies : study of ventilation control // 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. Tallinn : TALTECH, 2019. p. 191-192 : ill.
785. Maaten, B., Konist, A., Siirde, A. Energy industry waste as a thermochemical energy storage resource // 5th Central and Eastern European Conference on Thermal Analysis and Calorimetry & 14th Mediterranean Conference on Calorimetry and Thermal Analysis , 27-30 August 2019, Roma, Italy: CEEC-TAC5 & Medicta2019 : book of abstracts. Greifswald : Central and Eastern European Committee for Thermal Analysis and Calorimetry (CEEC-TAC), 2019. p. 81.
786. Maaten, B., Konist, A., Siirde, A. High-speed thermogravimetric analysis of the combustion of wood and Ca-rich fuel // *Journal of thermal analysis and calorimetry* (2019) vol. 138, 4, p. 2807-2811.
787. Mahmood, K., Karaulova, T., Otto, T., Ševtšenko, E. Development of cyber-physical production systems based on modelling technologies // *Proceedings of the Estonian Academy of Sciences* (2019) vol. 68, 4, p. 348-355 : ill.
788. Mahmoudi, H. A., Abovyan, L. S., Aydinyan, S. V., Kharatyan, S. L. SHS reprocessing of copper oxide waste into copper powder // *International Journal of Self-propagating High-temperature Synthesis* (2019) vol. 28, 4, p. 233-238 : ill.
789. Maity, T., Prashanth, K.G., Janda, A. et al. Mechanism of high-pressure torsion-induced shear banding and lamellar thickness saturation in Co-Cr-Fe-Ni-Nb high-entropy composites // *Journal of materials research* (2019) vol. 34, 15, p. 2672-2682 : ill.
790. Majak, J., Anton, J., Õunapuu, E., Auriemma, F., Pohlak, M., Eerme, M., Klauson, A. Experimental evaluation and numerical modelling residual stresses in glass panel // 2018 International Conference on Materials Science and Manufacturing Engineering (MSME 2018), MATEC web of conferences (2019) vol. 253, art. 02003, 7 p. : ill.
791. Majak, J., Pohlak, M., Eerme, M., Shvartsman, B. Solving ordinary differential equations with higher order Haar wavelet method // International Conference on Numerical Analysis and Applied Mathematics (ICNAAM 2018) : Rhodes, Greece, 13-18 September 2018. Melville : AIP Publishing, 2019. art. 330002. (AIP conference proceedings ; 2116 A).
792. Majumder, A. The improvement of power factor and torque for synchronous reluctance machine // 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. Tallinn : TALTECH, 2019. p. 133-134.

793. Makarova, I., Boyko, A., Shubenkova, K., Pashkevich, A., Giniyatullin, I. Virtual laboratories: engineers' training for automotive industry // 17 International Conference on Emerging Learning Technologies and Applications, November 21-22, 2019 Stary Smokovec, The High Tatras Slovak Republic : proceedings. Danvers : IEEE, 2019. 7 p. : ill.
794. Makarova, I., Shubenkova, K., Antov, D., Pashkevich, A. Digitalization of engineering education : from e-learning to smart education // Smart Industry & Smart Education : proceedings of the 15th International Conference on Remote Engineering and Virtual Instrumentation. Cham : Springer International Publishing AG, 2019. p. 32-41. (Lecture notes in networks and systems; 47).
795. Makarova, I., Shubenkova, K., Pashkevich, A., Shepelev, V. The role of reverse logistics in the transition to a circular economy // Reliability and Statistics in Transportation and Communication : Selected Papers from the 18th International Conference on Reliability and Statistics in Transportation and Communication, RelStat'18, 17-20 October 2018, Riga, Latvia. Cham : Springer, 2019. p. 363-373. (Lecture notes in networks and systems; 68).
796. Malayjerdi, E. Vision based sensor analysis for mobile robots // 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. Tallinn : TALTECH, 2019. p. 97-98 : ill.
797. Mamatov, A., Lovlin, S., Vaimann, T., Rassõlkin, A. et al. Modified technique of parameter identification of a permanent magnet synchronous motor with PWM inverter in the presence of dead-time effect and measurement noise // Electronics (2019) vol. 8, 10, art. 1200, 19 p.
798. Manninen, H., Kilter, J., Landsberg, M. Advanced methodology for estimation of value of lost load (VOLL) using equipment specific health indices // 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärddla, Estonia, June 12-15, 2019 : proceedings. [S.l.] : IEEE, 2019. 6 p.
799. Martín-Iglesias, P., Laso, M.A.G., Raadik, T. et al. Multiphysics Analysis of High Power Microwave Filter Using High Performance Aluminium Alloy // 2019 IEEE MTT-S International Microwave Workshop Series on Advanced Materials and Processes for RF and THz Applications, July 16-18, 2019 Bochum, Germany : proceedings. Danvers : IEEE, 2019. p 58-60.
800. Martín-Iglesias, P., Raadik, T. Teberio, F. et al. Evaluation of high performance aluminum for microwave filters // 2019 IEEE MTT-S International Microwave Symposium (IMS), Boston, Massachusetts, 2-7 June 2019 : proceedings. Danvers : IEEE, 2019. p. 1183-1186.
801. Matiushkin, O. Model predictive control of novel buck-boost inverter with unfolding circuit // 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. Tallinn : TALTECH, 2019. p. 155-156 : ill.
802. Matiushkin, O., Husev, O., Husev, O., Kütt, L. Design of LCL-filter for grid-connected buck-boost inverter based on unfolding circuit // 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärddla, Estonia, June 12-15, 2019 : proceedings. [S.l.] : IEEE, 2019. 4 p. : ill.
803. Matiushkin, O., Husev, O., Vinnikov, D. Small signal model of the buck-boost bidirectional DC-AC converter based on unfolding circuit // 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019 : conference proceedings. Danvers : IEEE, 2019. 6 p.
804. Matiushkin, O., Husev, O., Vinnikov, D., Roncero-Clemente, C. Model predictive control for buck-boost inverter based on unfolding circuit // 2019 IEEE 2nd Ukraine Conference on Electrical and Computer Engineering : UKRCON-2019 : conference proceedings. Danvers : IEEE, 2019. p. 431-436 : ill.
805. Melioranski, R-H. Transdisciplinary collaboration as a new phenomenon in the Estonian design field // Around the campfire - resilience and intelligence : Cumulus Conference Proceedings Rovaniemi 2019. Rovaniemi : Cumulus Association of Universities and Colleges of Art, Design and Media, 2019. p. 246-258. (Cumulus conference proceedings series ; 05/19).
806. Melts, I., Ivask, M., Geetha, M. et al. Combining bioenergy and nature conservation: An example in wetlands // Renewable and sustainable energy reviews (2019) vol. 111, p. 293-302.

807. Metsar, J., Kollo, K., Ellmann, A., Pihlak, P., Rüdja, A. Multi-epoch re-measurements of the EUREF densification network in Estonia // *Geophysical research abstracts* (2019) vol. 21, p. EGU2019-16401.
808. Metsar, J., Kollo, K., Ellmann, A., Pihlak, P., Rüdja, A. Staatilised GNSS-mõõtmised Eesti geodeetilise võrgu I klassi punktidel // *Geodeet* (2019) 49, lk. 12-14 : ill.
809. Metsar, J., Kollo, K., Ellmann, A., Rüdja, A., Pihlak, P. Multi-epoch GNSS campaigns of the national geodetic network in Estonia // [EUREF2019 abstracts]. [Tallinn] : [Maamet], 2019. p. [23].
810. Metsar, J., Kollo, K., Ellmann, A., Rüdja, A., Pihlak, P. Multi-epoch GNSS campaigns of the National Geodetic Network in Estonia // *Geophysica* (2019) vol. 54, 1, p. 51-60.
811. Metsar, J., Kollo, K., Pihlak, P., Ellmann, A. Riiklikud GNSS-püsijaamad üle-euroopalise EUREFi tihendusvõrgu osana // *Geodeet* (2019) 49, lk. 7-11 : ill.
812. Metsvahi, T., Ellmann, A. Ehitusgeodeesiast Tallinna Tehnikaülikoolis // *Geodeet* (2019) 49, lk. 61-63 : fot.
813. Metsvahi, T. Noored astuvad jälle inseneriõppesse // *Teeleht* (2019) 97, sügis, lk. 50-51 : fot.
814. Mikola, A., Kuusk, K., Hamburg, A., Kurnitski, J., Kalamees, T. Renovation of ventilation in apartment buildings - Estonian experience // *The REHVA European HVAC journal* (2019) vol. 56, 6, p. 20-26 : ill.
815. Mikola, A., Rehand, J., Kurnitski, J. Air change efficiency of room ventilation units // *E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019*. [S.l.] : EDP Sciences, 2019. art. 01017, 8 p. (E3S Web of Conferences ; 111).
816. Mikola, A., Simson, R., Kurnitski, J. The impact of air pressure conditions on the performance of single room ventilation units in multi-story buildings // *Energies* (2019) vol. 12, 13, art. 2633, 18 p. : ill.
817. Minasyan, T., Liu, L., Aydinyan, S., Antonov, M., Hussainova, I. Selective laser melting of Ti/cBN composite // *Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019*. Selected, peer reviewed papers from the conference *Modern Materials and Manufacturing 2019 (MMM 2019)*, April 24-26, 2019, Tallinn, Estonia. Zurich : Trans Tech Publications, 2019. p. 257-262 : ill. (Key engineering materials ; 799).
818. Minasyan, T., Liu, L., Aydinyan, S., Hussainova, I. et al. Mesoporous fibrous silicon nitride by catalytic nitridation of silicon // *Progress in natural science: materials international* (2019) vol. 29, 2, p. 190-197 : ill.
819. Minasyan, T., Liu, L., Aydinyan, S., Hussainova, I. Mesoporous fibrous silicon nitride by catalytic nitridation of silicon and selective laser melting // *XVI Conference and Exhibition Of The European Ceramic Society : abstract book*. [S.l.] : ECerS, 2019. p. 80.
820. Minasyan, T., Liu, L., Aydinyan, S., Hussainova, I. MoSi₂ based composites by selective laser melting // *APICAM2019 program : [abstracts]*. [Melbourne] : APICAM, 2019. p. [218].
821. Minasyan, T., Liu, L., Holovenko, Y., Aydinyan, S., Hussainova, I. Additively manufactured mesostructured MoSi₂-Si₃N₄ ceramic lattice // *Ceramics international* (2019) vol. 45, 8, p. 9926-9933.
822. Mishra, S., Bordin, C., Fomes, J.M., Palu, I. Reliability framework for power network assessment // *2018 International Conference on Renewable Energy and Environment Engineering (REEE 2018)*. [S.l.] : EDP Sciences, 2019. art. 02005, 7 p. : ill. (E3S Web of Conferences ; 80).
823. Mishra, S., Bordin, C., Tomsgard, A., Palu, I. A multi-agent system approach for optimal microgrid expansion planning under uncertainty // *International journal of electrical power & energy systems* (2019) vol. 109, p. 696-709 : ill.
824. Moezzi, R., Hlava, J., Vu, T.M. Implementation of X-Parameters principle for non-linear vibroacoustic membrane using Two-Port measurement // *Traitement du signal* (2019) vol. 36, 4, p. 297-301.
825. Moiseev, A., Kritševskaja, M., Preis, S. Acquisition of O₂ adsorption isotherms as thorough characterization of nanocrystalline titanium dioxide photocatalysts // *Surfaces and interfaces* (2019) vol. 14, p. 44-49 : ill.
826. Molodtsov, A., Dedov, A., Klevtsov, I., Kommel, L., Lausmaa, T., Mikli, V. Investigation of steam turbine blades damage and reliability in a power plant // *Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019*. Selected, peer reviewed papers from the conference *Modern Materials and Manufacturing 2019 (MMM 2019)*, April 24-26, 2019, Tallinn, Estonia. Zurich : Trans Tech Publications, 2019. p. 89-94 : ill. (Key engineering materials ; 799).

827. Mooste, M., Kibena-Põldsepp, E., Vassiljeva, V., Uibu, M., Krumme, A. et al. Electrocatalysts for oxygen reduction reaction based on electrospun polyacrylonitrile, styrene-acrylonitrile copolymer and carbon nanotube composite fibres // *Journal of materials science* (2019) vol. 54, p. 11618-11634 : ill.
828. Mukherjee, V., Rasilo, P., Martin, F., Belahcen, A. Effect of Magnetic Forces and Magnetostriction on the Stator Vibrations of a Bearingless Synchronous Reluctance Motor // *IEEE transactions on magnetics* (2019) vol. 55, 6, 4 p. : ill.
829. Mukherjee, V., Sokolov, M., Pippuri, J., Hinkkanen, M., Belahcen, A. Comparative study of inner and outer rotor bearingless synchronous reluctance motors // *The journal of engineering* (2019) vol. 2019, 17, p. 4375-4379.
830. Mustonen, M., Klauson, A., Andersson, M., Clorennec, D. et al. Spatial and temporal variability of ambient underwater sound in the Baltic Sea // *Scientific reports* (2019) vol. 9, art. 13237, 13 p. : ill.
831. Mäger, K.N., Just, A. Design methods for wood-based I-joists exposed to fire - State-of-the-art and improvements // *15th International Interflam Conference : Interflam 2019, 1-3 July, 2019 : Programme*. [S.l.] : [s.n], 2019. p. 1343-1354.
832. Mäger, K.N., Kraudok, K., Liblik, J., Just, A. Fire design of initially protected CLT // *Proceedings of the I Forum Wood Building Baltic, 2019 : [27.02-1.03.2019, Tallinn]*. [Tallinn] : [Tallinna Tehnikaülikooli Kirjastus], [2019]. p. 76-77 : ill.
833. Najafzadeh, M. Control of DC/AC full bridge inverter // *18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]*. Tallinn : TALTECH, 2019. p. 159-160 : ill.
834. Najafzadeh, M., Roasto, I., Jalakas, T. Energy router based energy management system for nearly zero energy buildings // *2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019 : conference proceedings*. Danvers : IEEE, 2019. 6 p. : ill.
835. Najafzadeh, F., Kudryavtseva, N., Soomere, T. Effects of the sampling bias on retrieved modes of wave climate variations from satellite altimetry : Baltic Sea case study // *2019 European Space Agency Living Planet Symposium*. [S.l.] : ESA, 2019. [1] p.
836. Nataraj, B.J.G., Soundarajan, A., Stepenko, S. et al. Review of extended boost qZSI topologies for single phase applications // *2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019 : conference proceedings*. Danvers : IEEE, 2019. 8 p. : ill.
837. Nei, L. Tartu kolledž tõusulainel // *Mente et Manu* (2019) 1, lk. 35 : fot.
838. Nei, L., Haiba, E. Sewage sludge, pharmaceuticals and composting // *Journal of biotechnology* (2019) vol. 305, suppl., p. S33.
839. Nešumajev, D., Pihu, T., Siirde, A., Järvik, O., Konist, A. Solid heat carrier oil shale retorting technology with integrated CFB technology // *Oil shale* (2019) vol. 36, 2S, p. 99-113 : ill.
840. Neubauer, C., Samiepour, A., Oueslati, S., Danilson, M., Meissner, D. Ageing of kesterite solar cells 1 : Degradation processes and their influence on solar cell parameters // *Thin solid films* (2019) vol. 669, p. 595-599 : ill.
841. Niidu, A. Phenols to pores to adsorption: a potential route towards new methods for extracting value from shale oil side stream // *Oil shale* (2019) Vol. 39, 2S, p. 128-141.
842. Nurmanova, V., Ahmadiyahangar, R., Aliakhmet, K., Naderi, M. S. et al. Simulation and analysis of transformer winding inter-disk and inter-turn faults for online diagnosis // *2019 IEEE International Conference on Environment and Electrical Engineering and 2019 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe)*. [S.l.] : IEEE, 2019. 5 p. : ill.
843. Nurmanova, V., Sultanbek, A., Bagheri, M., Ahmadiyahangar, R. et al. Distribution transformer frequency response analysis : behavior of different statistical indices during inter-disk fault // *2019 IEEE International Conference on Environment and Electrical Engineering and 2019 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe)*. [S.l.] : IEEE, 2019. 6 p. : ill.
844. Nutt, N. The challenge of urban regeneration in a post-socialist city. Gentrification in Supilinn - a district that recovered // *Acta architecturae naturalis = Maastikuarhitektuurseid uurimusi* (2019) 5, p. 70-83 : phot.

845. Nõmm, A., Mägi, R., Meister, K. 3D computer drawing competition CADrina // IOP conference series : materials science and engineering (2019) vol. 660, 1, art. 012012, 5 p. : ill.
846. Nõmm, A., Mägi, R., Meister, K. 3D computer drawing competition CADrina // 4th International Conference Innovative Materials, Structures and Technologies : IMST2019 : Organised by the Faculty of Civil Engineering, Riga, Latvia, 25-27 September 2019 : book of abstracts. Riga : RTU Press, 2019. p. 32.
847. Nõmmik, A. Trends in development of aircraft for regional routes : impact on the European air transportation system // 13th Research and Education in Aircraft Design : conference proceedings. Brno : Brno University of Technology, 2019. p. 161-169 : ill.
848. Oidram, R. Hüdroakumulatsioonielektri jaamad Eestisse. Küsimusi rohkem kui vastuseid! // Elektriala (2019) 4, lk. 13-15 : ill.
849. Oja Acik, I., Eensalu, J.S., Katerski, A., Krunks, M. Sb₂S₃ õhukesed absorberkihid pool-läbipaistvatele päikesepatareidele // XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid. Tallinn : Eesti Keemiaselts, 2019. lk. 32.
850. Oja, T., Ellmann, A., Märdla, S. Gravity anomaly field over Estonia // Estonian journal of earth sciences (2019) vol. 68, 2, p.55-75 : ill.
851. Oja, V. Application of thermal analysis to study vaporization parameters of narrow boiling range oil fractions // 5th Central and Eastern European Conference on Thermal Analysis and Calorimetry & 14th Mediterranean Conference on Calorimetry and Thermal Analysis , 27-30 August 2019, Roma, Italy: CEEC-TAC5 & Medicta2019 : book of abstracts. Greifswald : Central and Eastern European Committee for Thermal Analysis and Calorimetry (CEEC-TAC), 2019. p. 39.
852. Oldekop, N., Liiv, T., Laanearu, J. Experimental study of eddy viscosity for breaking waves on sloping bottom and comparisons with empirical and numerical predictions // Proceedings of the Estonian Academy of Sciences (2019) vol. 68, 3, p. 299-312 : ill.
853. Olowa, T., Witt, E., Lill, I. BIM for construction education: initial findings from a literature review // Proceedings of the 10th Nordic Conference on Construction Economics and Organization (CEO 2019), May 7-8, 2019, Tallinn, Estonia. : Emerald Group Publishing Limited, 2019. p. 305-313.
854. Omranpour, B. S., Kommel, L., Sanchez, E. G. et al. Enhancement of hydrogen storage in metals by using a new technique in Severe Plastic Deformations // Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia. Zurich : Trans Tech Publications, 2019. p. 173-178 : ill. (Key engineering materials ; 799).
855. Omranpour, B., Ivanisenko, Y., Kommel, L., et al. Evolution of microstructure and hardness in aluminum processed by high pressure torsion extrusion // Materials Science and Engineering: A (2019) vol. 761, art. 138074, 10 p. : ill.
856. Oone, A. Quo vadis, põlevkivitööstus? // *Mente et Manu* (2019) 5, lk. 44-45 : fot.
857. Oone, A. Uus standard viib põlevkivituha plastitööstusesse // *Mente et Manu* (2019) 1, lk. 57.
858. Oone, A.; (komment.) Riisalu, H., Sutter, H. Prügiplasti taaskasutuse lahendus võib tulla põlevkivitööstusest // *Mente et Manu* (2019) 4, lk. 58-59 : fot.
859. Orlova, S., Pugachov, V., Rassõlkin, A., Kallaste, A., Vaimann, T. Design of rotors for synchronous reluctance motor : analytical treatment and optimization // 2019 21st European Conference on Power Electronics and Applications (EPE '19 ECCE Europe), 3-5 Sept. 2019, Genova, Italy : proceedings. [S.l.] : IEEE, 2019. 9 p. : ill.
860. Ots, A. Kütuse põletamine lämmastikuvabas keskkonnas // Teadusmõte Eestis (X). Tehnikateadused. 3 : [artiklikogumik]. Tallinn : Argo, 2019. lk. 152-160 : ill., fot. (Teadusmõte Eestis ; 10).
861. Oueslati, S., Grossberg, M., Kauk-Kuusik, M., Mikli, V., Ernits, K., Meissner, D., Krustok, J. Effect of germanium incorporation on the properties of kesterite Cu₂ZnSn(S,Se)₄ monograins // Thin solid films (2019) vol. 669, p. 315-320 : ill.
862. Paist, A. Tuumaelektri jaamade arenguperspektiivid, väikeste moodulreaktorite sobivusest Eestile // Elektriala (2019) 6, lk. 8-11 : ill.

863. Paist, A. Tuumaelektrijaamade arenguperspektiivid. Eesti võimalused // *Elektriala* (2019) 3, lk. 8-10 : ill.
864. Palu, I. Ülevaade TTÜ viimase aasta doktoritöödest // *Elektriala* (2019) 6, lk. 26-28 : ill.
865. Pando-Acedo, J., Rassõlkin, A., Vaimann, T., Kallaste, A., Belahcen, A. et al. Hybrid FEA-simulink modelling of permanent magnet assisted synchronous reluctance motor with unbalanced magnet flux // 2019 IEEE 12th International Symposium on Diagnostics for Electrical Machines, Power Electronics and Drives (SDEMPED), 27-30 Aug. 2019, Toulouse, France : proceedings. [S.l.] : IEEE, 2019. p. : 174-180 : ill.
866. Pedai, A., Astrov, I., Udal, A., Sell, R. Single-Rate versus Three-Rate Neural Assisted Control Approaches for Coaxial Rotor Ducted Fan TUAV for Situation Awareness Applications // 2019 IEEE International Systems Conference (SysCon 2019), Orlando, FL, USA, April 8-11, 2019. Danvers : IEEE, 2019. p. 457-463 : ill.
867. Penežko, A., Kauk-Kuusik, M., Volobujeva, O., Traksmaa, R., Grossberg, M. Observation of photoluminescence edge emission in CuSbSe₂ absorber material for photovoltaic applications // *Applied physics letters* (2019) vol. 115, 9, art. 092101, 4 p. : ill.
868. Penežko, A., Grossberg, M., Kauk-Kuusik, M. Studies of novel lowcost absorbers CUSBS₂ and CUSBSE₂ for solar cells [Online resource] // Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid]. Tartu : Tartu Ülikool, 2019. 1 p. : ill.
869. Peterson, K., Ahmadiyahangar, R., Shabbir, N., Vinnal, T. Analysis of microgrid configuration effects on energy efficiency // 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019 : conference proceedings. Danvers : IEEE, 2019. 6 p. : ill.
870. Petkova, V., Kostova, B., Serafimova, E., Kaljuvee, T. et al. Impact of high energy milled activation on the thermal properties of Bulgarian and Estonian natural apatites // 2nd Journal of Thermal Analysis and Calorimetry Conference, Budapest, June 18-21, 2019 : book of abstracts. [S.l.] : AKCongress, 2019. p. 480-481.
871. Petrov, A., Rassõlkin, A., Vaimann, T., Kotelnikov, A.P., et al. Three-phase electrical equivalent model for squirrel cage induction motor // 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärdla, Estonia, June 12-15, 2019 : proceedings. [S.l.] : IEEE, 2019. 6 p. : ill.
872. Petrova, V., Stoyanova-Ivanova, A., Lilov, P., Mikli, V. et al. Ultrasound assisted mixing of zinc active mass with conductive ceramic additives for Ni-Zn battery // 20th International Conference on Advanced Batteries, Accumulators and Fuel Cells (ABAF 2019). Pennington : The Electrochemical Society, 2019. p. 227-234. (ECS Transactions ; vol. 95, 1).
873. Pieper, H., Mašatin, V., Volkova, A. et al. Modelling framework for integration of large-scale heat pumps in district heating using low-temperature heat sources : A case study of Tallinn, Estonia // *International journal of sustainable energy planning and management* (2019) vol. 20, p. 67-86.
874. Pignata, S.A., Ferrantelli, A., Baldar, S. Peptide receptor radionuclide therapy plus somatostatin analogues for a neuroendocrine tumour combined and maintenance treatment // *Clinical and translational imaging* (2019) vol. 7, p. 373-376.
875. Pihelo, P., Kalamees, T. Commissioning of thermal performance of prefabricated timber frame insulation elements for nZEB renovation // 4th Central European Symposium on Building Physics (CESBP 2019), MATEC web of conferences (2019) vol. 282, art. 02004, 6 p. : ill.
876. Pihelo, P., Kalamees, T. Testing of moisture safety and energy performance quality commission process of nZEB renovation // *Proceedings of the I Forum Wood Building Baltic, 2019* : [27.02-1.03.2019, Tallinn]. [Tallinn] : [Tallinna Tehnikaülikooli Kirjastus], [2019]. p. 66-67 : ill.
877. Pihl, O., Niidu, A., Merkulova, N., Fomitšov, M., Siirde, A., Tšepelevitš, M. Gas-chromatographic determination of sulfur compounds in the gasoline fractions of shale oil and oil obtained from used tires // *Oil shale* (2019) vol. 36, 2S, p. 188-196 : ill.
878. Pihl, O., Tšepelevitš, M., Burko, M., Siirde, A. Applying the correction for undecomposed carbonates to gross calorific values of oil shales from different deposits // *Oil shale* (2019) vol. 36, 2S, p. 250-256 : ill.

879. Pihu, T., Konist, A., Puura, E., Liira, M., Kirsimäe, K. Properties and environmental impact of oil shale ash landfills // *Oil shale* (2019) vol. 36, 2, p. 257-270 : ill.
880. Piirimaa, A. Aasta õppija 2019 eripreemia tuli TalTechi Virumaa Kolledžisse // *Mente et Manu* (2019) 5, lk. 43 : fot.
881. Piirimaa, A. Kui meeskond töötab nagu õlitatud masinavärk // *Mente et Manu* (2019) 3, lk. 52-53 : fot.
882. Pikas, E. Timmitud kavandamine väikeettevõttes // *Ehitaja* (2019) 4, lk. 22-25 : ill.
883. Pikas, E., Aru, M. Koostöös planeerimine on eeldus edukaks projekteerimiseks // *Ehitaja* (2019) 1-2, lk. 19-22.
884. Pikkor, H. Comparison of the porous structure of oil shale fly ashes from two different CFB boilers // 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. Tallinn : TALTECH, 2019. p. 99-100 : ill.
885. Pimentel, S.P., Husev, O., Vinnikov, D., Stepenko, S., Kütt, L., Rodriguez, J. Distorted grid and significant computation feedback delay // 2019 IEEE 15th Brazilian Power Electronics Conference and 5th IEEE Southern Power Electronics Conference (COBEP/SPEC 2019) Santos, Brazil, 1-4 December 2019. Red Hook : IEEE, 2019. p. 1481-1486.
886. Pires Pimentel, S. An indirect model predictive current control (CCS-MPC) for grid-connected single-phase three-level NPC quasi-Z-source PV inverter // 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. [Tallinn] : TALTECH, 2019. p. 29-30 : ill.
887. Pires Pimentel, S., Husev, O., Vinnikov, D., Stepenko, S. Analysis of cost function composition based on the horizon time prediction of an indirect MPC current control in single-phase grid-connected PV inverters // 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTU CON), 7-9 October 2019 : conference proceedings. Danvers : IEEE, 2019. 6 p. : ill.
888. Pirk, K. Teadmisi põlevkivikeemiast saab rakendada ka laiemalt // *TööstusEST* (2019) 21, lk. 25.
889. Pirk, K. The key for industrial development is ensuring a future workforce // *Estonian oil shale industry yearbook 2018*. [Tallinn] : Eesti Energia, Viru Keemia Grupp, Kiviõli Keemiatööstus, the Oil Shale Competence Centre at the Tallinn University of Technology's Virumaa College, [2019]. p. 5 : portr. (*Estonian oil shale industry yearbook ; 2018*).
890. Pirk, K. Tööstuse arengu võtmeküsimus on järelkasvu kindlustamine // *Eesti põlevkivitööstuse aastaraamat 2018*. [Tallinn] : Eesti Energia, Viru Keemia Grupp, Kiviõli Keemiatööstus, TalTech Virumaa Kolledži Põlevkivi kompetentsikeskus, [2019]. lk. 5 : portr. (*Eesti põlevkivitööstuse aastaraamat ; 2018*).
891. Podgurski, V., Bogatov, A., Yashin, M., Viljus, M., Volobujeva, O., Mere, A., Raadik, T. et al. A comparative study of the growth dynamics and tribological properties of nanocrystalline diamondfilms deposited on the (110) single crystal diamond and Si(100) substrates // *Diamond and related materials* (2019) vol. 92, p. 159-167 : ill.
892. Pramono, A., Dhoska, K., Markja, I., Kommel, L. Impact pressure on mechanical properties of aluminum based composite by ECAP-parallel channel // *Pollack periodica* (2019) vol. 14, 1, p. 67-74.
893. Pramono, A., Kollo, L., Kommel, L., Veinthal, R. High-strength aluminum alloy of ultrafine grained by consolidation-ECAP // *IOP conference series : materials science and engineering* (2019) vol. 478, 1, art. 012035, 7 p. : ill.
894. Prashanth, K. G., Scudino, S. Quasicrystalline composites by additive manufacturing // *Applied Engineering, Materials and Mechanics III : 4th International Conference on Applied Engineering, Materials and Mechanics (4th ICAEMM 2019)*. Zurich : Trans Tech Publications, 2019. p. 72-76. (*Key engineering materials ; 818*).
895. Prashanth, K.G. Design of next-generation alloys for additive manufacturing // *Material design & processing communications* (2019) vol. 1, 4, art. 1e50, 4 p. : ill.
896. Prashanth, K.G. Work hardening in selective laser melted Al-12Si alloy // *Material design & processing communications* (2019) vol. 2, 1, art. e46, 4 p. : ill.
897. Prawirasasra, M. S., Mustonen, M., Klauson, A. Underwater monitoring of pinniped vocalizations in the Gulf of Riga // *Proceedings of Meetings on Acoustics*, 2019. art. 070015, 8 p. : ill.

898. Prees, I. Digitaalse kirjaoskuse tase eesti keele kui teise keele õppes // *Oma Keel : OK : keeleajakiri kõigile* (2019) 1, lk. 68-75.
899. Prilenska, V., Paadam, K., Liias, R. Challenges of civic engagement in the (post-socialist) transitional society : experiences from waterfront urban areas Mezapark in Riga and Kalarand in Tallinn // *Three decades of post-socialist transition*, May 17-18, 2019 : conference programme. Darmstadt : Technische Universität Darmstadt, 2019. p. 88.
900. Puust, R., Lill, I., Liias, R. Investigating the drop-out rate from a BIM course // *Proceedings of the 10th Nordic Conference on Construction Economics and Organization (CEO 2019)*, May 7-8, 2019, Tallinn, Estonia. : Emerald Group Publishing Limited, 2019. p. 325-333. (Emerald Reach Proceedings Series ; 2).
901. Puust, R., Witt, E.D.Q., Lill, I., Liias, R. Investigating the drop-out rate from a BIM for infrastructure course // *Proceedings of the 2019 Conference of European Council on Computing in Construction (EC3) July 10-12, 2019 Chania, Crete, Greece*. Dublin : University College Dublin, 2019. p. 229-236.
902. Püvi, V., Tukia, T., Lehtonen, M., Kütt, L. Survey of a power quality measurement campaign in low-voltage grids // *2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM)*, Kärđla, Estonia, June 12-15, 2019 : proceedings. [S.l.] : IEEE, 2019.
903. Qin, P., Damodaram, R., Maity, T., Prashanth, K. et al. Friction welding of electron beam melted Ti-6Al-4V // *Materials Science and Engineering: A* (2019) vol. 761, art. 138045, 6 p.
904. Raamets, J., Ruus, A., Ivask, M. Assessment of indoor air quality and hygrothermal conditions of boarders during autumn, winter and spring in two of Estonian straw-bale houses // *Cold Climate HVAC 2018 : Sustainable buildings in cold climates : proceedings of the 9th Cold Climate HVAC conference*, Kiruna, Sweden, 2018, 12-15 March. Cham : Springer, 2019. p. 815-823. (Springer proceedings in energy).
905. Rahmani, R., Antonov, M., Kamboj, N. Modelling of impact-abrasive wear of ceramic, metallic, and composite materials // *Proceedings of the Estonian Academy of Sciences* (2019) vol. 68, 2, p. 191-197 : ill.
906. Rahmani, R., Antonov, M., Kollo, L. Selective laser melting of diamond-containing or postnitrided materials intended for impact-abrasive conditions: experimental and analytical study // *Advances in materials science and engineering* (2019) vol. 2019, art. 4210762 ; 11 p. : ill.
907. Rahmani, R., Antonov, M., Kollo, L. Wear resistance of (Diamond-Ni)-Ti6Al4V gradient materials prepared by combined selective laser melting and spark plasma sintering techniques // *Advances in tribology* (2019) vol. 2019, art. 5415897, 12 p. : ill.
908. Rahmani, R., Antonov, M., Kollo, L., Holovenko, Y., Prashanth, K. G. Mechanical behavior of Ti6Al4V scaffolds filled with CaSiO₃ for implant applications // *Applied sciences* (2019) vol. 9, 18, art. 3844, 11 p. : ill.
909. Rahmani, R., Rosenberg, M., Ivask, A., Kollo, L. Comparison of mechanical and antibacterial properties of TiO₂/Ag ceramics and Ti6Al4V-TiO₂/Ag composite materials using combined SLM-SPS techniques // *Metals* (2019) vol. 9, 8, art. 874, 13 p. : ill.
910. Rahmani, R., Antonov, M. Axial and torsional buckling analysis of single- and multi-walled carbon nanotubes : finite element comparison between armchair and zigzag types // *SN Applied Sciences* (2019) vol. 1, art. 1134, 13 p. : ill.
911. Rao, J., Ratassepp, M., Fan, Z. Quantification of thickness loss in liquid-loaded pipes based on guided wave tomography // *The 7th Asia-Pacific Workshop on Structural Health Monitoring*, 2018 Nov, Hong Kong, China (APWSHM 2018). [S.l], 2019. 9 p. : ill. (The e-Journal of Nondestructive Testing ; vol. 24, 4).
912. Rao, J., Saini, A., Yang, J., Ratassepp, M., Fan, Z. Ultrasonic imaging of irregularly shaped notches based on elastic reverse time migration // *NDT&E international* (2019) vol. 107, art. 102135, 5 p. : ill.
913. Rasilo, P., Aydin, U., Martin, F., Belahcen, A. et al. Equivalent strain and stress models for the effect of mechanical loading on the permeability of ferromagnetic materials // *IEEE transactions on magnetics* (2019) vol. 55, 6, art. 2002104.

914. Rasilo, P., Singh, D., Jeronen, J., Belahcen, A. et al. Flexible identification procedure for thermodynamic constitutive models for magnetostrictive materials // Proceedings of the Royal Society. A, Mathematical, physical & engineering sciences (2019) vol. 475, 2223, 21 p.
915. Rassõlkin, A. ISEAUTO - First Estonian Self-Driving Vehicle // 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. [Tallinn] : TALTECH, 2019. p. 11-12.
916. Rassõlkin, A., Heidari, H., Kallaste, A., Kallaste, A. et al. Efficiency map comparison of induction and synchronous reluctance motors // 2019 26th International Workshop on Electric Drives : Improvement in Efficiency of Electric Drives (IWED) : Moscow Power Engineering Institute, Moscow, Russia, 30th of January - 2nd of February 2019 : proceedings. Danvers : IEEE, 2019. 4 p. : ill.
917. Rassõlkin, A., Kallaste, A., Vaimann, T., Tiismus, H. Control challenges of 3D printed switched reluctance motor // 2019 26th International Workshop on Electric Drives : Improvement in Efficiency of Electric Drives (IWED) : Moscow Power Engineering Institute, Moscow, Russia 30th of January - 02nd of February 2019 : proceedings. Danvers : IEEE, 2019. 5 p. : ill.
918. Rassõlkin, A., Kuts, V., Kallaste, A., Vaimann, T. Digital twin for propulsion drive of autonomous electric vehicle // 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019 : conference proceedings. Danvers : IEEE, 2019. 4 p. : ill.
919. Rathod, H.J., Nagaraju, T., Prashanth, K.G., Ramamurty, U. Tribological properties of selective laser melted Al12Si alloy // Tribology international (2019) vol. 137, p. 94-101 : ill.
920. Ratz, T., Brammert, G., Caballero, R., Timmo, K. et al. Physical routes for the synthesis of kesterite // Journal of Physics : Energy (2019) vol. 1, 4, art. 042003, 23 p. : ill.
921. Raud, Z. Teaching power electronics using object-oriented approach // 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. Tallinn : TALTECH, 2019. p. 51-52.
922. Raud, Z., Vodovozov, V. Advancements and restrictions of E-assessment in view of remote learning in engineering // 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019 : conference proceedings. Danvers : IEEE, 2019. 6 p. : ill.
923. Raud, Z., Vodovozov, V. Ontology-based design of the learner's knowledge domain in electrical engineering // Scientific Journal of Riga Technical University. Electrical, control and communication engineering (2019) vol. 15, 1, p. 47-53 : ill.
924. Raud, Z., Vodovozov, V. Virtual lab to study power electronics in LabVIEW framework // 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärđla, Estonia, June 12-15, 2019 : proceedings. [S.l.] : IEEE, 2019. 6 p.
925. Reino, A., Hamburg, A. Actual impact of heat pumps to energy performance of apartment buildings in Estonia // 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019 : conference proceedings. Danvers : IEEE, 2019. 6 p. : ill.
926. Ren, X., Hannukainen, A., Belahcen, A. Homogenization of multiscale eddy current problem by localized orthogonal decomposition method // IEEE transactions on magnetics (2019) vol. 55, 9, art. 7500204, 4 p.
927. Reut, J., Kidakova, A., Boroznjak, R., Öpik, A., Sõritski, V. Molecularly imprinted polymers as advanced sensing materials for detection of neurotrophic factor proteins // 6th International Conference on Bio-Sensing Technology, 16-19 June 2019, Kuala Lumpur, Malaysia : program. [S.l.] : [s.n], 2019. P2.64.
928. Roasto, I. Rapid prototyping - speed up your power electronic design // 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. Tallinn : TALTECH, 2019. p. 47-48 : ill.

929. Roasto, I., Husev, O., Najafzadeh, M., Jalakas, T., Rodriguez, J. Voltage source operation of the energy-router based on model predictive control // *Energies* (2019) vol. 12, 10, art. 1892, 15 p. . ill.
930. Rojas Hernandez, R., Rubio-Marcos, F., Serrano, A., Fernando Lozano, J.F., Hussainova, I. SrAl₂O₄ : Eu,Dy-screen-printed layers to create phosphorescent 2D shapes // *XVI Conference and Exhibition Of The European Ceramic Society* : abstract book. [S.l.] : ECerS, 2019. p. 525 : ill.
931. Rojas-Hernandez, R. E., Rubio-Marcos, F., Serrano, A., Hussainova, I. et al. Towards blue long-lasting luminescence of Eu/Nd-doped calcium-aluminate nanostructured platelets via the molten salt route // *Nanomaterials* (2019) vol. 9, 10, art. 1473, 14 p. : ill.
932. Romanyuk, Y., Haass, S., Giraldo, S., Kauk-Kuusik, M. et al. Doping and alloying of kesterites // *Journal of Physics : Energy* (2019) vol. 1, 4, art. 044004, 22 p. : ill.
933. Roosileht, M. Regionaalne struktuuriüksus - väljakutse või võimalus? // *Mente et Manu* (2019) 2, lk. 44-45.
934. Roosileht, M. Tööturu muutused nõuavad reageerimist, meil on lahendusi // *Mente et Manu* (2019) 4, lk. 54-55 : fot.
935. Roosileht, M. Virumaa Kolledž võttis endale suure ehmatavalt julge eesmärgi // *Mente et Manu* (2019) 5, lk. 42 : fot.
936. Roosileht, M., Rootsi, A. Pilvelabori platvorm viib digiõppe uuele tasemele // *Mente et Manu* (2019) 1, lk. 52-53 : ill.
937. Rubanenko, O., Hunko, I., Rubanenko, O., Rassõlkin, A. Influence of solar power plants on 0.4 kV consumers // *2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019* : conference proceedings. Danvers : IEEE, 2019. 5 p. : ill.
938. Ruus, A., Tintera, J. Revitalization of wooden apartments as a tool to deal with shrinkage - case study from Valga // *Journal of sustainable architecture and civil engineering* (2019) vol. 25, 2, p. 16-24 : ill.
939. Ruus, A., Tintera, J. Revitalization of wooden apartments as a tool to deal with shrinkage - case study from Valga // *Proceedings of the I Forum Wood Building Baltic, 2019* : [27.02-1.03.2019, Tallinn]. [Tallinn] : [Tallinna Tehnikaülikooli Kirjastus], [2019]. p. 68-69 : ill.
940. Rүүtmann, T. Development of critical thinking and reflection // *The Challenges of the Digital Transformation in Education* : proceedings of the 21st International Conference on Interactive Collaborative Learning (ICL2018) - Volume 2. Cham : Springer Nature Switzerland AG, 2019. p. 895-906. (Advances in intelligent systems and computing ; 917).
941. Rүүtmann, T. Engineering pedagogy as the basis for effective teaching competencies of engineering faculty // *Higher Education in Russia = Высшее образование в России* (2019) vol. 28, 12, p. 123–131 : ill.
942. Rүүtmann, T. Engineering pedagogy science as the contemporary basis for effective teaching of science, technology and engineering // *Science and Technology Education: Current challenges and possible solutions* : Proceedings of the 3rd International Baltic Symposium on Science and Technology Education (BalticSTE2019), Šiauliai, 17-20 June, 2019. Šiauliai : Scientia Socialis Press, 2019. p. 187–194.
943. Safari, H., Khanmohammadi, E., Maleki, M., Cruz-Machado, V., Ševtšenko, E. Ranking strategic objectives in a strategy map based on logarithmic fuzzy preference programming and similarity method // *Management Systems in Production Engineering* (2019) vol. 27, 3, p. 153-161 : ill.
944. Saffarshamshirgar, A., Ivanov, R., Gasik, M., Hussainova, I. Anisotropic thermal conduction in hierarchically structured composite using graphene-augmented alumina nanofibers // *XVI Conference and Exhibition Of The European Ceramic Society* : abstract book. [S.l.] : ECerS, 2019. p. 167.
945. Saffarshamshirgar, A., Ivanov, R., Hussainova, I. Spark plasma sintering of layered γ -Al₂O₃/graphene reinforced nanocomposites // *Proceedings of the Estonian Academy of Sciences* (2019) vol. 68, 2, p. 140-144 : ill.
946. Salman, O. O., Gammer, C., Eckert, J., Prashanth, K. G. et al. Selective laser melting of 316L stainless steel : Influence of TiB₂ addition on microstructure and mechanical properties // *Materials today communications* (2019) vol. 21, art. 100615, 7 p. : ill.

947. Salman, O. O., Brenne, F., Niendorf, T., Eckert, J., Prashanth, K.G. et al. Impact of the scanning strategy on the mechanical behavior of 316L steel synthesized by selective laser melting // *Journal of Manufacturing Processes* (2019) vol. 45, p. 255-261 : ill.
948. Salo, J., Marik, T., Bencsik, O., Kurnitski, J. et al. Screening mold colonies by using two toxicity assays revealed indoor strains of *Aspergillus calidoustus* producing Ophiobolins G and K // *Toxins* (2019) vol. 11, 12, art. 683, 16 p. : ill.
949. Salo, L., Mylläri, F., Maasikmets, M., Niemelä, V., Konist, A., Kupri, H-L. et al. Emission measurements with gravimetric impactors and electrical devices : An aerosol instrument comparison // *Aerosol science and technology* (2019) vol. 43, 5, p. 526-539 : ill.
950. Salo, M. J., Marik, T., Mikkola, R., Kurnitski, J. et al. *Penicillium expansum* strain isolated from indoor building material was able to grow on gypsum board and emitted guttation droplets containing chaetoglobosins and communesins A, B and D // *Journal of applied microbiology* (2019) vol. 127, 4, p. 1135-1147 : ill.
951. Samiepour, A., Neubauer, C., Oueslati, S., Mikli, V., Meissner, D. Ageing of kesterite solar cells 2 : Impact on photocurrent generation // *Thin solid films* (2019) vol. 669, p. 509-513 : ill.
952. Sangwongwanich, A., Shen, Y., Chub, A., Liivik, E., Vinnikov, D. et al. Reliability of DC-link capacitors in two-stage micro-inverters under different PV module sizes // *ICPE 2019 - ECCE Asia : 10th International Conference on Power Electronics - ECCE Asia : "Green World with Power Electronics"* : May 27-30, 2019 BEXCO, Busan, Korea. [S.l.] : IEEE, 2019. p. 1867-1872 : ill.
953. Sangwongwanich, A., Shen, Y., Chub, A., Liivik, E., Vinnikov, D., Wang, H., Blaabjerg, F. Mission profile-based accelerated testing of DC-link capacitors in photovoltaic inverters // *Thirty-Fourth Annual IEEE Applied Power Electronics Conference and Exposition, March 17 - 21, 2019, Anaheim, California.* : IEEE, 2019. p. 2833-2840 : ill.
954. Santasheva, E. Quazi-Z-source based string inverter for residential photovoltaic application // *18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019* : [proceedings]. Tallinn : TALTECH, 2019. p. 105-106 : ill.
955. Sathyan, S., Aydin, U., Lehtikoinen, A., Belahcen, A., Vaimann, T., Kataja, J. Influence of magnetic forces and magnetostriction on the vibration behavior of an induction motor // *International journal of applied electromagnetics and mechanics* (2019) vol. 59, 3, p. 825-834.
956. Sathyan, S., Belahcen, A., Lehtikoinen, A. et al. Investigation of the causes behind the vibrations of a high-speed solid-rotor induction motor // *Journal of sound and vibration* (2019) vol. 463, 22, art. 114976, 14 p.
957. Satyanarayana, P. V., Sokkalinga, R., Prashanth, K. G. et al. Tungsten matrix composite reinforced with CoCrFeMnNi high-entropy alloy : impact of processing routes on microstructure and mechanical properties // *Metals* (2019) vol. 9, 9, art. 992, 12 p. : ill.
958. Schmid, J., Klippel, M., Frangi, A., Just, A., Tiso, M., Werther, N. An improved design models for fire ex-posed CLT floor elements // *Proceedings of the I Forum Wood Building Baltic, 2019 : [27.02-1.03.2019, Tallinn]. [Tallinn] : [Tallinna Tehnikaülikooli Kirjastus], [2019]. p. 72-73 : ill.*
959. Sein, S. Sildade toimivus inimese näitel // *Teeleht* (2019) 97, sügis, lk. 30-32 : fot.
960. Sein, S., Idnurm, J., Matos, J.C. Uncertainty in condition prediction of bridges based on assessment method - case study in Estonia // *IABSE Symposium Guimarães 2019 : Towards a Resilient Built Environment - Risk and Asset Management, March 27-29, 2019, Guimarães, Portugal.* Zurich : International Association for Bridge and Structural Engineers (IABSE), 2019. p. 1758-1765 : ill.
961. Sein, S., Sirvio, K. M. Implementation of COST Action TU1406 Quality Control framework as a part of Bridge Management System in Saint Lucia // *IABSE Symposium Guimarães 2019 : Towards a Resilient Built Environment - Risk and Asset Management, March 27-29, 2019, Guimarães, Portugal.* Zurich : International Association for Bridge and Structural Engineering (IABSE), 2019. p. 833-840.
962. Sekhri, E., Tamre, M., Kapoor, R. Deep reinforcement learning for automated tuning of cavity filters // *Proceedings of IEEE Forum International Conference.* [S.l.] : Industrial Electronics and Electrical Engineers Forum (IEEEForum), 2019. p. 53.

963. Sekhri, E., Tamre, M., Kapoor, R. Optimal Q-learning approach for tuning the cavity filters // 2019 20th International Conference on Research and Education in Mechatronics (REM) : [proceedings]. [S.l.] : IEEE, 2019. 5 p. : ill.
964. Sell, R. Iseauto ja tehisintellekt köidavad Euroopas tähelepanu // *Mente et Manu* (2019) 1, lk. 38-40 : fot.
965. Sell, R., Rassõlkin, A., Wang, R., Otto, T. Integration of autonomous vehicles and Industry 4.0 // *Proceedings of the Estonian Academy of Sciences* (2019) vol. 68, 4, p. 389-394 : ill.
966. Sell, R., Väljaots, E., Pataraiia, T., Malayjerdi, E. Modular smart control system architecture for the mobile robot platform // *Proceedings of the Estonian Academy of Sciences* (2019) vol. 68, 4, p. 395-400 : ill.
967. Seth, P., Singh, N., Singh, M. et al. Formation of fine Mg₂Si phase in Mg-Si alloy via solid-state sintering using high energy ball milling // *Journal of alloys and compounds* (2019) vol. 821, art. 153205, 10 p. : ill.
968. Shabbir, N. Advanced sensors and on-line measurements for power lines in smart grids // 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. Tallinn : TALTECH, 2019. p. 205-206 : ill.
969. Shabbir, N., Ahmadiyahangar, R., Kütt, L., Iqbal, M. N., Rosin, A. Forecasting short term wind energy generation using machine learning // 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019 : conference proceedings. Danvers : IEEE, 2019. 4 p.
970. Shabbir, N., Ahmadiyahangar, R., Kütt, L., Rosin, A. Comparison of machine learning based methods for residential load forecasting // 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärđla, Estonia, June 12-15, 2019 : proceedings. [S.l.] : IEEE, 2019. 4 p. : ill.
971. Shabbir, N., Hassan, S.R., Iqbal, M.N., Kütt, L. Comparative Analysis of ZigBee Based Wireless Sensor Networks (WSNs) // *Proceeding of the 4th International Conference on Recent Trends in Computer Science and Electronics* 2019. [S.l.] : RTCSE, c2019. p. 115.
972. Shabbir, N., Hassan, S.R., Iqbal, M.N., Kütt, L., Unbreen, A. Comparative Analysis of ZigBee Based Wireless Sensor Networks (WSNs) // *International journal of recent technology and engineering* (2019) vol. 7, 6S, p. 980-984 : ill.
973. Shabbir, N., Kütt, L., Jawad, M., Ahmadiyahangar, R., Iqbal, M. N., Rosin, A. Wind energy forecasting using recurrent neural networks // 2019 Big Data, Knowledge and Control Systems Engineering (BdKCSE). [S.l.] : IEEE, 2019. 5 p. : ill.
974. Shafiq, M., Kiitam, I., Taklaja, P., Kütt, L., Kauhaniemi, K., Palu, I. Identification and location of PD defects in medium voltage underground power cables using high frequency current transformer // *IEEE Access* (2019) vol. 7, p. 103608 - 103618 : ill.
975. Shams Ghahfarokhi, P., Kallaste, A., Belahcen, A., Vaimann, T. Determination of heat transfer coefficient for the air forced cooling over a flat side of coil // *Scientific Journal of Riga Technical University. Electrical, control and communication engineering* (2019) vol. 15, 1, p. 15-20 : ill.
976. Shams Ghahfarokhi, P., Kallaste, A., Belahcen, A., Vaimann, T. Power losses analysis in thermal design of a synchronous reluctance motor // 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019 : conference proceedings. Danvers : IEEE, 2019. 5 p. : ill.
977. Shen, Y., Chub, A., Wang, H., Vinnikov, D., Liivik, E., Blaabjerg, F. Wear-out failure analysis of an impedance-source PV microinverter based on system-level electrothermal modeling // *IEEE transactions on industrial electronics* (2019) vol. 66, 5, p. 3914-3927.
978. Shirokova, V. Uus tulevikuõppekava tagab karjääri tehnoloogiamailmas // *Mente et Manu* (2019) 1, lk. 55.
979. Shumski, A., Rassõlkin, A., Rassõlkin, A. et al. Using a fuzzy regulator to reduce noise // 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärđla, Estonia, June 12-15, 2019 : proceedings. [S.l.] : IEEE, 2019. 4 p. : ill.
980. Sillamäe, S. Uus lähenemine kruusateede remondile // *Teeleht* (2019) 97, sügis, lk. 8-11 : fot.

981. Simonova, M., Tarasova, E., Dudkina, M. et al. Synthesis and hydrodynamic and conformation properties of star-shaped polystyrene with calix[8]arene core // *International journal of polymer analysis and characterization* (2019) vol. 24, 1, p. 87-95 : ill.
982. Simson, R., Arumägi, E., Kuusk, K., Kurnitski, J. Redefining cost-optimal nZEB levels for new residential buildings // *E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019*. [S.l.] : EDP Sciences, 2019. art. 03035, 7 p. : ill. (E3S Web of Conferences ; 111).
983. Singh, N., Jha, P., Parkash, O., Kumar, D. Recent developments on wear and corrosion behavior of iron/iron-nickel metal matrix composites reinforced with zirconia // *Transactions of the Indian Institute of Metals* (2019) vol. 72, 8, p. 2151-2158 : ill.
984. Singh, N., Sharma, S., Parkash, O., Kumar, D. Synthesis and characterization of nanocrystalline Fe(100-x)Ni(x) alloy powders by auto-combustion and hydrogen reduction // *Journal of Materials Engineering and Performance* (2019) vol. 28, 9, p. 5441-5449 : ill.
985. Sivitski, A., Põdra, P. Contact stiffness parameters for finite element modeling of contact // *Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019*. Selected, peer reviewed papers from the conference *Modern Materials and Manufacturing 2019 (MMM 2019)*, April 24-26, 2019, Tallinn, Estonia. Zurich : Trans Tech Publications, 2019. p. 211-216 : ill. (Key engineering materials ; 799).
986. Sokkalingam, R., Muthupandi, V., Sivaprasad, K., Prashanth, K. G. Dissimilar welding of Al_{0.1}CoCrFeNi high-entropy alloy and AISI304 stainless steel // *Journal of materials research and technology* (2019) vol. 34, 15, p. 2683-2694 : ill.
987. Spalatu, N., Hiie, J., Kaupmees, R., Volobujeva, O., Krustok, J., Oja Acik, I., Krunks, M. Postdeposition processing of SnS thin films and solar cells : prospective strategy to obtain large, sintered, and doped SnS grains by recrystallization in the presence of a metal halide flux // *ACS applied materials & interfaces* (2019) vol. 11, 19, p. 17539-17554 : ill.
988. Spiridonova, J., Katerski, A., Danilson, M., Kritševskaja, M., Krunks, M., Oja Acik, I. Effect of the titanium isopropoxide : acetylacetonate molar ratio on the photocatalytic activity of TiO₂ thin films // *Molecules* (2019) vol. 24, 23, art 4326 : 14 p. : ill.
989. Spiridonova, J., Kritševskaja, M. Gas-phase photocatalytic reactor for the study of TiO₂ thin films activity [Online resource] // *Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid]*. Tartu : Tartu University, 2019. 1 p.
990. Stepenko, S. Interleaved quasi-Z-source inverter with active power decoupling for kW-scale PV applications // *18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering"*. Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. Tallinn : TALTECH, 2019. p. 71-72 : ill.
991. Stepenko, S., Husev, O., Vinnikov, D., Pires Pimentel, S., Prystupa, A. Experimental efficiency and thermal parameters evaluation in Full-SiC Quasi-Z-Source inverter // *2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON)*, 7-9 October 2019 : conference proceedings. Danvers : IEEE, 2019. 6 p. : ill.
992. Stępień, M., Berger, K., Rassõlkin, A., Vaimann, T. The Erasmus+ strategic partnership as a way to attract young people to engineering // *Advances in Human Factors in Training, Education, and Learning Sciences : Proceedings of the AHFE 2019 International Conference on Human Factors in Training, Education, and Learning Sciences*, July 24-28, 2019, Washington D.C., USA. Cham : Springer, 2019. p. 252-259. (Advances in Intelligent Systems and Computing ; 967).
993. Stępień, M., Mikos, J., Kallaste, A., Rassõlkin, A. Numerical investigation of properties of small size Axial Flux Permanent Magnet Motors // *2019 20th International Symposium on Power Electronics (Ee 2019)* : Novi Sad, Serbia, 23 - 26 October 2019. Danvers : IEEE, c2019. 4 p.
994. Storozhenko, M., Umanskyi, O., Antonov, M. et al. Wetting and interfacial behaviour in the TiB₂-NiCrBSiC system // *Journal of alloys and compounds* (2019) vol. 778, p. 15-22 : ill.
995. Sulakatko, V. Global construction industry is in the path of digitalisation // *Rakennustekniikka* (2019) 4, p. 38-39.

996. Sulakatko, V., Lill, I. The economic relevance of on-site construction activities with the external thermal insulation composite system (ETICS) // *International journal of strategic property management* (2019) vol. 23, 4, p. 213-226 : ill.
997. Sõritski, V. Molecularly imprinted polymers interfaced with label-free transducers : towards development of chemosensors for medical diagnostics and environmental monitoring // *SMCBS2019 : the 9th International Workshop on Surface Modification for Chemical and Biochemical Sensing*, Żelechów (near Warsaw), Poland, 8-12 November, 2019 : programme & book of abstracts. Warsaw : Institute of Physical Chemistry, Polish Academy of Sciences, 2019. p. 122 : ill.
998. Ševtšenko, E. Baltimaade ülikoolidelt kooliõpetajatele : materjalid insenerihariduse populariseerimiseks // *Mente et Manu* (2019) 1, lk. 42-45 : fot.
999. Ševtšenko, E., Karaulova, T., Igavens, M., Strods, G., Mahmood, K. et al. Innovative methods of engineering education popularization at schools // *Proceedings of the Estonian Academy of Sciences* (2019) vol. 68, 4, p. 356-363 : ill.
1000. Ševtšenko, E., Mahmood, K., Karaulova, T. Enhancing the partner selection process in a Sustainable Partner Network // *IFAC-PapersOnLine* (2019) vol. 52, 13, p. 2425-2430 : ill.
1001. Zahavi, A., Palshin, A., Liyanage, D.C., Tamre, M. Influence of illumination sources on hyperspectral imaging // *Proceedings of the 2019 20th International Conference on Research and Education in Mechatronics (REM)* : Wels, Austria, 23-24 May 2019. [S.l.] : IEEE, 2019. 5 p. : ill.
1002. Zakaryan, M., Aydinyan, S., Kharatyan, S. Combustion synthesis and consolidation of Ni-W nanocomposite material // *Ceramics in modern technologies* (2019) vol. 1, 1, p. 67-74.
1003. Zakaryan, M., Nazaretyan, Kh., Aydinyan, S., Kharatyan, S. Joint reduction of NiO + WO₃ oxides by combined Mg/C reducer. Synergetic effect // *XV International Symposium on Self-Propagating High Temperature Synthesis*, September 16-20, 2019. Chernogolovka : IPCP RAS, 2019. p. 546-548 : ill.
1004. Zemitis, J., Borodinecs, A., Kalamees, T. Analysis of various ventilation solutions for residential and non-residential buildings in Latvia and Estonia // *Cold Climate HVAC 2018 : Sustainable buildings in cold climates : proceedings of the 9th Cold Climate HVAC conference*, Kiruna, Sweden, 2018, 12-15 March. Cham : Springer, 2019. p. 51-61. (Springer proceedings in energy).
1005. Zhang, S., Ma, P., Jia, Y., Prashanth, K. et al. Microstructure and mechanical properties of Al-(12-20)Si bi-material fabricated by selective laser melting // *Materials* (2019) vol. 12, 13, art. 2126, 11 p. : ill.
1006. Zhang, T., Wei, C., Feng, C., Preis, S. et al. Advances in characteristics analysis, measurement methods and modelling of flow dynamics in airlift reactors // *Chemical engineering and processing : process intensification* (2019) vol. 144, art. 107633, 19 p. : ill.
1007. Zhang, W., Qin, P., Wang, Z., Kollo, L., Prashanth, K.G. et al. Superior wear resistance in EBM-Processed TC4 alloy compared with SLM and forged samples // *Materials* (2019) vol. 12, 5, art. 782.
1008. Zinchenko, D. Wireless charging solutions for autonomous industrial systems // *18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III* : Toila, Estonia, January 14-19, 2019 : [proceedings]. Tallinn : TALTECH, 2019. p. 167-168 : ill.
1009. Zinchenko, D., Blinov, A., Vinnikov, D. Comparison of isolated boost full bridge converters for power factor correction application // *2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON)*, 7-9 October 2019 : conference proceedings. Danvers : IEEE, 2019. 7 p. : ill.
1010. Zinchenko, D., Korkh, O., Blinov, A., Waing, P., Vinnikov, D. Characterisation of 1200 V reverse-blocking IGBTs for naturally commutated HF-link inverter // *2019 IEEE 2nd Ukraine Conference on Electrical and Computer Engineering : UKRCON-2019* : conference proceedings. Danvers : IEEE, 2019. p. 382-387 : ill.
1011. Zinchenko, D., Kosenko, R., Blinov, A., Vinnikov, D. Fault-tolerant soft-switching current-fed DC-DC converter // *2019 IEEE 2nd Ukraine Conference on Electrical and Computer Engineering : UKRCON-2019* : conference proceedings. Danvers : IEEE, 2019. p. 437-440 : ill.
1012. Žigailov, S., Arjassov, G., Penkov, I., Musalimov, V. Human foot motion simulation during walking // *Machines, technologies, materials* (2019) vol. 13, 5, p. 198-201 : ill.

1013. Taebnia, M., Toomla, S., Leppä, L., Kurnitski, J. Air distribution and air handling unit configuration effects on energy performance in an air-heated ice rink arena // *Energies* (2019) art. 693, vol. 12, 4, 21 p. : ill.
1014. Taiber, J., Sell, R. Unsettled impacts of integrating automated electric vehicles into a mobility-as-a-service ecosystem and effects on traditional transportation and ownership // *SAE Technical Paper Series*. [S.l.] : SAE International, 2019. paper: EPR2019004, 24 p.
1015. Taleb, M., Ivanov, R., Hussainova, I. 3D alumina-graphene hybrid nanofibers as a binder-free cathode for rechargeable Li-S batteries // *Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019*. Selected, peer reviewed papers from the conference *Modern Materials and Manufacturing 2019 (MMM 2019)*, April 24-26, 2019, Tallinn, Estonia. Zurich : Trans Tech Publications, 2019. p. 191-196 : ill. (Key engineering materials ; 799).
1016. Tamm, K. Fosforiidi väärimisvõimaluste uuringud // *Aastaraamat 2018 / Eesti Geoloogiateenistus*. Rakvere : Eesti Geoloogiateenistus, 2019. lk. 30–32 : ill.
1017. Tamm, K. Investigating the possibilities for valorising phosphorite // *Yearbook 2018 / Geological Survey of Estonia*. Rakvere : Geological Survey of Estonia, 2019. p. 30-32 : ill.
1018. Tarraste, M., Kübarsepp, J., Juhani, K., Kolnes, M., Viljus, M. High energy milling of WC-FeCr cemented carbide // *Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019*. Selected, peer reviewed papers from the conference *Modern Materials and Manufacturing 2019 (MMM 2019)*, April 24-26, 2019, Tallinn, Estonia. Zurich : Trans Tech Publications, 2019. p. 136-141 : ill. (Key engineering materials ; 799).
1019. Tarraste, M., Kübarsepp, J., Juhani, K., Mere, A., Viljus, M. Effect of carbon stabilizing elements on WC cemented carbides with chromium steel binder // *Materials science = Medžiagotyra* (2019) vol. 25, 2, p. 202-206 : ill.
1020. Tealane, M. Testing different power system out-of-step detection algorithms // *18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering"*. Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. Tallinn : TALTECH, 2019. p. 199-200 : ill.
1021. Thalfeldt, M. Minu kaks aastat Norras - järel doktorantuur NTNUs // *Mente et Manu* (2019) 5, lk. 35-37 : fot.
1022. Thalfeldt, M., Skare, A., Georges, L., Skreiberg, O. A simplified power sizing method for the correct building integration of wood stoves // *E3S Web of Conferences : CLIMA 2019 Congress*, Bucharest, Romania, May 26-29, 2019. [S.l.] : EDP Sciences, 2019. art. 02066, 7 p. : ill. (E3S Web of Conferences ; 111).
1023. Tiidemann, T. Kellade arengulugu // *Tehnikamaailm : TM : sõidukid, elektroonika, teadus, tehnoloogia* (2019) 8, lk. 70-74 : fot.
1024. Tiismus, H. Material properties for 3D printing electrical machines // *18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering"*. Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. Tallinn : TALTECH, 2019. p. 139-140.
1025. Tiismus, H., Kallaste, A., Belahcen A., Rassõlkin, A., Vaimann, T. Challenges of additive manufacturing of electrical machines // *2019 IEEE 12th International Symposium on Diagnostics for Electrical Machines, Power Electronics and Drives (SDEMPED)*, 27-30 Aug. 2019, Toulouse, France : proceedings. [S.l.] : IEEE, 2019. p. 44-48 : ill.
1026. Tiismus, H., Kallaste, A., Belahcen A., Rassõlkin, A., Vaimann, T. Technologies for additive manufacturing of electrical machines // *2019 20th International Conference of Young Specialists on Micro/Nanotechnologies and Electron Devices (EDM)*. [S.l.] : IEEE, 2019. p. 651-655 : ill.
1027. Tiismus, H., Kallaste, A., Rassõlkin, A., Vaimann, T. Preliminary analysis of soft magnetic material properties for additive manufacturing of electrical machines // *Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019*. Selected, peer reviewed papers from the conference *Modern Materials and Manufacturing 2019 (MMM 2019)*, April 24-26, 2019, Tallinn, Estonia. Zurich : Trans Tech Publications, 2019. p. 270-275 : ill. (Key engineering materials ; 799).

1028. Tiismus, H., Kallaste, A., Vaimann, T. et al. Electrical resistivity of additively manufactured silicon steel for electrical machine fabrication // 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärdla, Estonia, June 12-15, 2019 : proceedings. [S.l.] : IEEE, 2019. 4 p. : ill.
1029. Tiismus, H., Kallaste, A., Vaimann, T., Rassõlkin, A., Belahcen, A. Axial synchronous magnetic coupling modeling and printing with selective laser melting // 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019 : conference proceedings. Danvers : IEEE, 2019. 4 p. : ill.
1030. Tiismus, M., Lember, E., Merisaar, M. Pharmaceutical residues in the aquatic environment : recent studies in Estonia // American journal of biomedical science & research (2019) vol. 3, 5, p. 465-467 : tab.
1031. Tikker, P., Balpreet Kaur, Kattel, E., Trapido, M., Dulova, N. Tseftriaksooni fotokeemiline oksüdatsioon magnetiidiga aktiveeritud persulfaadiga // XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid. Tallinn : Eesti Keemiaselts, 2019. lk. 41.
1032. Tikker, P., Kattel, E., Dulova, N. Photochemical oxidation of ceftriaxone by magnetite-activated persulfate [Online resource] // Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid]. Tartu : Tartu Ülikool, 2019. 1 p.
1033. Tikker, P., Kornev, I., Preis, S. Optimized spray density in water treatment with gas-phase pulsed corona discharge // 6th European Conference on Environmental Applications of Advanced Oxidation Processes, Portorož - Portorose, Slovenia, 26-30 June 2019 : book of abstracts. Ljubljana : Slovenian Chemical Society, 2019. p. 678-679.
1034. Timmo, K., Altosaar, M., Pilvet, M., Mikli, V., Grossberg, M., Danilson, M., Raadik, T., Josepson, R., Krustok, J., Kauk-Kuusik, M. The effect of Ag alloying of Cu₂(Zn,Cd)SnS₄ on the monograin powder properties and solar cell performance // Journal of materials chemistry A (2019) vol. 7, 43, p. 24281-24291 : ill.
1035. Tiso, M., Just, A. Fire design of timber frame assemblies - a proposal for the next revision of EN 1995-1-2 // Proceedings of the I Forum Wood Building Baltic, 2019 : [27.02-1.03.2019, Tallinn]. [Tallinn] : [Tallinna Tehnikaülikooli Kirjastus], [2019]. p. 78-79 : ill.
1036. Tiso, M., Just, A., Schmid, J., Mäger, K. N., Klippel, M. et al. Evaluation of zero-strength layer depths for timber members of floor assemblies with heat resistant cavity insulations // Fire safety journal (2019) vol. 107, p. 137-148 : ill.
1037. Tkachivskiy, D., Juhani, K., Surženkov, A., Kulu, P., Viljus, M., Traksmäa, R., Jankauskas, V., Leišys, R. Production of thermal spray Cr₃C₂-Ni powders by mechanically activated synthesis // Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia. Zurich : Trans Tech Publications, c2019. p. 31-36 : ill. (Key engineering materials ; 799).
1038. Tohvri, E. Meie oma Voltaire : [Epi Tohvri monograafia "Georges Frédéric Parrot : Tartu Keiserliku Ülikooli esimene rektor"] // Piduraamat : Eesti rahvusülikool 100 = Jubilee book : Estonia's National University 100. Tartu : Tartu Ülikool, 2019. lk. 42-45 : ill., fot.
1039. Trapido, M., Kattel, E. 21. sajandi keskkonnatehnoloogia väljakutse - mikrosaasteained // Teadusmõte Eestis (X). Tehnikateadused. 3 : [artiklikogumik]. Tallinn : Agro, 2019. lk. 190-199 : ill., fot. (Teadusmõte Eestis ; 10).
1040. Trashchenkov, S., Astapov, V., Kull, K. Feasibility study of energy supply in deep North Regions: the case study of Yakutia remote community (Russia) // 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärdla, Estonia, June 12-15, 2019 : proceedings. [S.l.] : IEEE, 2019. 6 p. : ill.
1041. Trummal, T. Testing the characteristics of phasor measurement units using real-time digital simulator // 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. Tallinn : TALTECH, 2019. p. 229-230 : ill.

1042. Tsapenko, A. P., Romanov, S. A., Satco, D. A., Volobujeva, O., Danilson, M. et al. Aerosol-assisted fine-tuning of optoelectrical properties of SWCNT films // *The journal of physical chemistry letters* (2019) vol. 10, 14, p. 3961-3965 : ill.
1043. Tšukrejev, P., Kruuser, K., Karjust, K. Production monitoring system development for manufacturing processes of photovoltaic modules // *Proceedings of the Estonian Academy of Sciences* (2019) vol. 68, 4, p. 401-406 : ill.
1044. Tuhkanen, E. Slotted-in steel plate connections with self-perforating dowels in CLT // *Proceedings of the I Forum Wood Building Baltic, 2019* : [27.02-1.03.2019, Tallinn]. [Tallinn] : [Tallinna Tehnikaülikooli Kirjastus], [2019]. p. 100-101 : ill.
1045. Tuhkanen, E., Ojamaa, M. Early experimental investigations on slotted-in steel plate connections with self-perforating dowels in CLT // *Wood material science and engineering* (2019) 8 p.: ill.
1046. Tuhkanen, E., Rauk, L. Potential of cross-laminated timber for independent shear wall systems // *Wood material science and engineering* (2019) vol. 14, 5, p. 355-365 : ill.
1047. Tuttelberg, K., Kilter, J., Wilson, D., Uhlen, K. Estimation of power system inertia from ambient wide area measurements // *2019 IEEE Power & Energy Society General Meeting (PESGM)*. [S.l.] : IEEE, 2019. 1 p.
1048. Tuttelberg, K., Löper, M., Kilter, J. Correcting systematic errors in corona losses measured with phasor measurement units // *IEEE transactions on power delivery* (2019) vol. 34, 6, p. 2275-2277 : ill.
1049. Tärno, Ü. Heinrich Laul ja tema koolkonnad Tallinna Tehnikaülikoolis // *Vaateid mehaanikale Eestis : 1918-2018*. Tallinn : [s.n.], 2019. lk. 113-119.
1050. Uibu, M., Usta, M. C., Tamm, K., Žuravljova, A., Kallas, J., Kuusik, R., Trikkel, A. Mineral trapping of CO₂ for cement industry de-carbonization // *14th Greenhouse Gas Control Technologies Conference Melbourne 21-26 October 2018 (GHGT-14)*. [S.l.] : SSRN, 2019. 8 p. : ill.
1051. Ullah, K., Lill, I., Witt, E. An overview of BIM adoption in the construction industry: benefits and barriers // *Proceedings of the 10th Nordic Conference on Construction Economics and Organization (CEO 2019), May 7-8, 2019, Tallinn, Estonia*. : Emerald Group Publishing Limited, 2019. p. 297-303. (Emerald Reach Proceedings Series ; 2).
1052. Ulm, L., Palu, I., Mishra, S. Wind and Solar energy optimal integration // *2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019* : conference proceedings. Danvers : IEEE, 2019. 6 p.
1053. Umanskyi, O., Storozhenko, M., Antonov, M., Terentyev, O., Kovalchenko, O., Goljandin, D. Effect of thermal spraying method on the microstructure and wear behaviour of FeNiCrBSiC-CrB₂ coating // *Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia*. Zurich : Trans Tech Publications, 2019. p. 37-42 : ill. (Key engineering materials ; 799).
1054. Umanskyi, O., Storozhenko, M., Koshelev, M., Antonov, M. Effect of FeNiCrBSiC-MeB₂ material composition on the oxidation behavior at high temperatures // *Powder metallurgy and metal ceramics* (2019) vol. 57, 11-12, p. 670-678 : ill.
1055. Uskov, S. I., Potemkin, D. I., Kamboj, N., Snytnikov, P. V., Hussainova, I. et al. Fibrous alumina-based Ni-MO_x (M = Mg, Cr, Ce) catalysts for propane pre-reforming // *Materials letters* (2019) vol. 257, art. 126741, 4 p. : ill.
1056. Uemaa, M. Digitaalsete elektrivõrkude lävel : [noorteadlaste konkursi Teadus kolme minutiga ettekanne] // *Teadus kolme minutiga : 2017-2019*. [Tallinn] : Argo, 2019. lk. 144-147 : portr., ill. (Elav teadus ; 21).
1057. Vacht, P., Niglas, H., Kuu, A., Koff, T., Kutti, S., Raamets, J. Oribatid mite (Acari : Oribatida) communities of urban brownfields in Tallinn, Estonia, and their potential as bioindicators of wasteland successional stage // *Acarologia* (2019) vol. 59, 1, p. 26-32 : tab.

1058. Vaher, K., Kangru, T., Otto, T., Riives, J. The mobility of robotised work cells in manufacturing // Proceedings of the 30th International DAAAM Symposium : Intelligent Manufacturing & Automation, 23-26th October 2019, Zadar, Croatia. Vienna : DAAAM International Vienna, 2019. p. 1049-1055 : ill.
1059. Vaher, K., Vainola, V., Otto, T. Industry 4.0 laboratory // International Scientific Journal Industry 4.0 (2019) vol. 4, 5, p. 210-211 : ill.
1060. Vaher, K., Vainola, V., Otto, T. Industry 4.0 laboratory // IV International Scientific Conference, Industry 4.0. Summer session, 24-27.06.2019, Burgas, Bulgaria : proceedings. Vol. 1/5. Sofia : Scientific-technical Union of Mechanical Engineering "Industry 4.0", 2019. p. 52-53 : ill.
1061. Vaimann, T. Condition monitoring of electrical machines and its relation to IoT // 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. Tallinn : TALTECH, 2019. p. 55-56 : ill.
1062. Varbla, S. Kaugseire sügiskoolist Võrus // Geodeet (2019) 49, lk. 59-60 : fot.
1063. Varbla, S. Meregeoidi mudelite valideerimine GNSS- ja aerolaserskaneerimise profiilidega // Geodeet (2019) 49, lk. 19-26 : ill.
1064. Varbla, S., Ellmann, A. Assessment of marine geoid models by shipborne GNSS and airborne laser scanning profiles // [EUREF2019 abstracts]. [Tallinn] : [Maa-amet], 2019. p. [59].
1065. Varbla, S., Ellmann, A. Eesti geodeetid rahvusvahelises teaduses // Geodeet (2019) 49, lk. 56-58.
1066. Varbla, S., Ellmann, A., Delpeche-Ellmann, N. Utilising airborne laser scanning and geoid model for examining marine processes // Abstracts : [BSSC 2019]. [Stockholm] : [Stockholm University Baltic Sea Centre], [2019]. p. 166.
1067. Varga, M., Antonov, M., Tumma, M. et al. Solid particle erosion of refractories : A critical discussion of two test standards // Wear (2019) vol. 426-427, Part A, p. 552-561 : ill.
1068. Varjas, T. Development of new requirements for outdoor advertisement screens // 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. Tallinn : TALTECH, 2019. p. 231-232 : ill.
1069. Vassiljev, A., Annus, I., Kändler, N., Kaur, K. Modelling of nitrogen concentrations in water from drained peat soils // Journal of water supply : research and technology - AQUA (2019) Nov.
1070. Viil, K. Kolledž andis keeleõpetajatele motivatsioonipaketi // Mente et Manu (2019) 1, lk. 56.
1071. Viil, K. Virumaa Kolledž ja Narva eesti keele maja sõlmivad koostöölepingu // Mente et Manu (2019) 4, lk. 57.
1072. Viil, K. Ülikoolilõpetaja peab valdama head eriala- ja teaduskeelt // Mente et Manu (2019) 2, lk. 46-47 : fot.
1073. Viirok, J., Hüvonen, D., Rõõm, T., Nagel, U. et al. The spectroscopy of the quantum criticality in a transverse field ising chain compound CoNb2O6 [Online resource] // Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid]. Tartu : Tartu Ülikool, 2019. 1 p.
1074. Viirsalu, M. Electrospinning and characterization of continuous piezoelectric nanofibrous yarns // NART 2019 : Nanofibers, Applications and Related Technologies : September 18-September 20, 2019, Liberec, Czech Republic : conference proceedings. Liberec : Technical University of Liberec, 2019. p. 28.
1075. Vinnikov, D., Chub, A., Korkh, O., Kouro, S. Wide input voltage range high step-up DC-DC converter with fault-tolerant operation capability // 2019 IEEE International Conference on Industrial Technology, ICIT 2019 : Melbourne, Australia, 13-15 February 2019 : proceedings. Piscataway : IEEE, 2019. p. 1099-1104 : ill.
1076. Vinnikov, D., Chub, A., Korkh, O., Liivik, E., Blaabjerg, F., Kouro, S. MPPT performance enhancement of low-cost PV microconverters // Solar energy (2019) vol. 187, p. 156-166 : ill.

1077. Vinnikov, D., Chub, A., Korkh, O., Malinowski, M. Fault-tolerant bidirectional series resonant DC-DC converter with minimum number of components // 2019 IEEE Energy Conversion Congress and Exposition, ECCE, 2019-09-29 - 2019-10-03, Baltimore, MD, USA. [S.l.] : IEEE, 2019. p. 1359-1363.
1078. Vinnikov, D., Chub, A., Liivik, E., Kosenko, R., Korkh, O. Solar optiverter-A novel hybrid approach to the photovoltaic module level power electronics // IEEE transactions on industrial electronics (2019) vol. 66, 5, p. 3869-3880.
1079. Vinnikov, D., Jalakas, T., Roasto, I. Uudsed alalispingemuundurid taastuvenergeetikas // Teadusmõte Eestis (X). Tehnikateadused. 3 : [artiklikogumik]. Tallinn : Argo, 2019. lk. 216-226 : ill., fot. (Teadusmõte Eestis ; 10).
1080. Vinnikov, D., Liivik, E. Address from main organizers // 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. [Tallinn] : TALTECH, 2019. p. [3].
1081. Vodovozov, V. Binary logic vs. fuzzy logic techniques for tuning robust controllers // 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. Tallinn : TALTECH, 2019. p. 49-50.
1082. Vodovozov, V., Aksjonov, A., Ricciardi, V., Raud, Z. Fuzzy control of energy recovery in electric vehicles with hybrid energy storage // 2019 International Conference on Clean Electrical Power (ICCEP). [S.l.] : IEEE, 2019. p. 345-350 : ill.
1083. Volkova, A., Krupenski, I., Latõšov, E. et al. Small low-temperature district heating network development prospects // Energy (2019) vol. 178, 1, p. 714-722.
1084. Volkova, A., Latõšov, E., Mašatin, V., Siirde, A. Development of a user-friendly mobile app for the national level promotion of the 4th generation district heating // International journal of sustainable energy planning and management (2019) vol. 19, p. 21-35 : ill.
1085. Vu, T.M. Haptic glove for augmented and virtual reality // 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. [Tallinn] : TALTECH, 2019. p. 19-20 : ill.
1086. Vu, T.M., Katushin, N., Pumwa, J. Motion tracking glove for augmented reality and virtual reality // Paladyn, journal of behavioral robotics (2019) vol. 10, 1, p. 160-166 : ill.
1087. Vu, T.M., Moezzi, R., Katushin, N. Haptic smart glove for augmented and virtual reality // Sensor letters (2019) vol. 17, 5, p. 358-364.
1088. Võsa, K.-V., Ferrantelli, A., Kurnitski, J. Annual performance analysis of heat emission in radiator and underfloor heating systems in the European reference room // E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019. [S.l.] : EDP Sciences, 2019. art. 04009, 8 p. (E3S Web of Conferences ; 111).
1089. Võsa, K.-V., Ferrantelli, A., Kurnitski, J. Experimental study of radiator, underfloor, ceiling and air heater systems heat emission performance in TUT nZEB test facility // E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019. [S.l.] : EDP Sciences, 2019. art. 04005, 7 p. (E3S Web of Conferences ; 111).
1090. Võsa, K.-V., Ferrantelli, A., Kurnitski, J. A combined analytical model for increasing the accuracy of heat emission predictions in rooms heated by radiators // Journal of building engineering (2019) vol. 23, p. 291-300.
1091. Väljaots, E., Sell, R. Energy efficiency profiles for unmanned ground vehicles // Proceedings of the Estonian Academy of Sciences (2019) vol. 68, 1, p. 55-65 : ill.
1092. Värno, K., Mahmood, K., Otto, T., Kuts, V. Development of a smart workstation by using AR technology // Proceedings of the 30th International DAAAM Symposium : Intelligent Manufacturing & Automation, 23-26th October 2019, Zadar, Croatia. Vienna : DAAAM International Vienna, 2019. 1061-1067 : ill.
1093. Värno, K., Otto, T., Mahmood, K., Kuts, V. Development of a smart workstation by using AR technology // The application track, posters and demos of EuroVR : Proceedings of the 16th Annual EuroVR Conference - 2019. [S.l.] : VTT, c2019. p. 19-22 : ill. (VTT technology ; 357).

1094. Wang, R. Crowd evacuation using agent-based model in VR simulation // 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]. Tallinn : TALTECH, 2019. p. 85-86 : ill.
1095. Wang, Z., Prashanth, K.G., Zhang, W.W. et al. Removing the oxide layer in a nanostructured aluminum alloy by local shear deformation between nanoscale phases // Powder technology (2019) vol. 343, p. 733-737 : ill.
1096. Wang, Y.-X., Kornev, I., Wei, C.-H., Preis, S. Surfactant and non-surfactant radical scavengers in aqueous reactions induced by pulsed corona discharge treatment // Journal of electrostatics (2019) vol. 98, p. 82-86 : ill.
1097. Wang, Y.-X., Ma, J.-D., Ye, G.-J., Preis, S. et al. 基于脉冲电晕放电技术的硫氰化物分解与氮转化 // 环境科学学报 = Acta Scientiae Circumstantiae (2019) vol. 39, 9, p. 2964-2971. (*Thiocyanide decomposition and nitrogen conversion based on pulsed corona discharge technology*)
1098. Werther, N., Hofmann, V., Kammerer, E., Mäger, K.N. et al. Fire design method of timber frame elements with bio-based insulation // Proceedings of the I Forum Wood Building Baltic, 2019 : [27.02-1.03.2019, Tallinn]. [Tallinn] : [Tallinna Tehnikaülikooli Kirjastus], [2019]. p. 82-83.
1099. Witt, E., Kähkönen, K. A BIM-Enabled learning environment: a conceptual framework // Proceedings of the 10th Nordic Conference on Construction Economics and Organization (CEO 2019), May 7-8, 2019, Tallinn, Estonia. : Emerald Group Publishing Limited, 2019. p. 271-279. (Emerald Reach Proceedings Series ; 2).
1100. Witt, E., Kähkönen, K. BIM-enabled education: a systematic literature review // Proceedings of the 10th Nordic Conference on Construction Economics and Organization (CEO 2019), May 7-8, 2019, Tallinn, Estonia. : Emerald Group Publishing Limited, 2019. p. 261-269. (Emerald Reach Proceedings Series ; 2).
1101. Wittmann, V., Meissner, D. The nexus of energy for free and world society // Proceedings of 2018 6th International Renewable and Sustainable Energy Conference (IRSEC). Danvers : IEEE, 2019. 6 p. : ill.
1102. Wittmann, V., Meissner, D. The nexus of energy for free and world society // International journal of sustainable energy development (2019) vol. 7, 1, p. 384-391 : ill.
1103. Wu, H., Wang, M., Zhu, S., Preis, S. et al. Structure and function of microbial community associated with phenol co-substrate in degradation of benzo[a]pyrene in coking wastewater // Chemosphere (2019) vol. 228, p. 128-138 : ill.
1104. Öunapuu, E., Anton, J., Klauson, A. Modelling residual stresses in glass structures // International Conference on Numerical Analysis and Applied Mathematics (ICNAAM 2018) : Rhodes, Greece, 13-18 September 2018. Melville : AIP Publishing, 2019. art. 330007. (AIP conference proceedings ; 2116 A).
1105. Öpik, A., Sõritski, V., Reut, J. Sensormaterjalid molekulaarselt jäljendatud polümeeridest meditsiiniliseks diagnostikaks ja keskkonnaseireks // Teadusmõte Eestis (X). Tehnikateadused. 3 : [artiklikogumik]. Tallinn : Agro, 2019. lk. 227-237 : ill., fot. (Teadusmõte Eestis ; 10).
1106. Xi, L., Wang, P., Prashanth, K. G., Li, H. et al. Effect of TiB₂ particles on microstructure and crystallographic texture of Al-12Si fabricated by selective laser melting // Journal of alloys and compounds (2019) vol. 786, p. 551-556 : ill.
1107. Xu, Y., Wen, F., Palu, I. et al. A stochastic nonlinear excitation controller for transient stabilization in a power system // 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019 : conference proceedings. Danvers : IEEE, 2019. 4 p. : ill.
1108. Yakushev, M. V., Mudryi, A. V., Kärber, E. et al. The band structure of CuInTe₂ studied by optical reflectivity // International journal of radiation biology (2019) vol. 114, art. 062103, 4 p. : ill.
1109. Yan, Y., Lin, Z., Wen, F., Palu, I. et al. Bidding strategy of a microgrid considering risk interdependence between electricity and carbon markets // 2019 IEEE Power & Energy Society General Meeting (PESGM). [S.l.] : IEEE, 2019. 5 p. : ill.

1110. Yang, J., Dong, Z., Wen, F. et al. A fully decentralized distribution market mechanism using ADMM // 2019 IEEE Power & Energy Society General Meeting (PESGM). [S.l.] : IEEE, 2019. 5 p. : ill.
1111. Yang, W., Liu, W., Wen, F., Palu, I. et al. Multi-objective energy management in a residential area with a P2G-based storage system // 2019 IEEE Power & Energy Society General Meeting (PESGM). [S.l.] : IEEE, 2019. 5 p. : ill.
1112. Yashin, M., Bogatov, A., Podgurski, V. et al. Comparative analyses of tribological behavior of ultra nanocrystalline diamond films prepared on different substrates [Online resource] // Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid]. Tartu : Tartu Ülikool, 2019. 1 p.
1113. Білінов, А., Вінніков, Д., Івахно, В., Замаруєв, В., Стисло, Б. DC-DC перетворювач з широким діапазоном забезпечення режиму природної комутації в нулях напруги // Вісник НТУ "Харківський політехнічний інститут". Серія: Електричні машини та електромеханічне перетворення енергії = Bulletin of the NTU "Kharkiv Polytechnic Institute". Series: Electrical Machines and Electromechanical Energy Conversion (2019) 20, с. 14-19 : іл.
1114. Касак, К., Пийримяэ, К. Река Янийыги и уникальный пойменный лес // Горизонты Эстонии : человек, природа, наука (2019) с. 26-29 : фот.

1115. Berezovski, A., Soomere, T. Applied wave mathematics II : selected topics in solids, fluids, and mathematical methods and complexity. Cham : Springer, 2019. 376 p. : ill. (Mathematics of planet Earth, vol. 6).
1116. Drell, T. The effect of maternal microbial communities and preterm birth on the development of infant gut microbiota = Ema mikroobikoosluste ja enneaegse sünni mõju imiku seedetrakti mikrobioota kujunemisele. Tallinn : TalTech Press, 2019. 97 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 46/2019).
1117. Engelbrecht, J., Kutser, M. Vaateid mehaanikale Eestis : 1918-2018. Tallinn : [s.n.], 2019. 231, [2] lk. koos kaanega.
1118. Gupta, V. K., Koffas, M. Microbial Engineering Biotechnologies, Biotechnology Advances Special Issues, Vol. 37, 6., Elsevier, 2019.
1119. Harff, J., Soomere, T., Zhang, H. (eds.). Special Issue : Coast and Society. Journal of Coastal Conservation. Volume 23, Issue 4. Dordrecht : Springer, 2019. p. 712-875 : ill.
1120. Herrmann, H., Schnell, J. (eds.). Short fibre reinforced cementitious composites and ceramics. Cham, Switzerland : Springer Nature Switzerland AG, 2019. X, 139 p. : ill. (Advanced structured materials ; 95).
1121. Jakobson, I. Genetic analysis of powdery mildew resistance in an introgression line of wheat = Jahukastekindla introgressiivse suvenisuliini geneetiline analüüs. Tallinn : TTÜ Press, 2019. 152 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 21/2019).
1122. Janno, J., Kinash, N. (eds.). 24th International Conference on Mathematical Modelling and Analysis : May 28-31, 2019, Tallinn, Estonia : abstracts. [Tallinn] : Institute of Cybernetics, Tallinn University of Technology, 2019. 82 p.
1123. Kaabel, S. Anion recognition and the templated solid-state synthesis of hemicucurbiturils = Hemikukurbituriilid kui anioonide retseptorid ning nende mehhanokeemiline süntees tahkes faasis. Tallinn : TTÜ Press, 2019. 130 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 6/2019).
1124. Kaljo, D., Hints, O. (eds.). Estonian Journal of Earth Sciences. Vol. 68. Tallinn : published by the Estonian Academy of Sciences in collaboration with the University of Tartu, Tallinn University of Technology, Tallinn University and the Estonian University of Life Sciences, 2019.
1125. Kann, J. (koost.) ; (toim.) Raukas, A. Eesti suveräänsusdeklaratsiooni 30. aastapäeva konverents Tallinnas 16. novembril 2018 : tervitused ja ettekanded = Международная конференция по случаю 30-й годовщины принятия декларации о суверенитете Эстонии, Таллинн, 16 ноября 2018 года : материалы конференции. Tallinn : Teaduste Akadeemia Kirjastus, 2019. 123 lk. : ill., portr.
1126. Kubo, A.-L. Toxicological profiling of copper oxide and silver nanoparticles and polyoxometalate ionic liquids with medically relevant bacteria and mammalian cells in vitro = Vaskoksiidi ja hõbeda nanoosakeste ning polüoksometalaat-ioonvedelike toksilisuse uuringud meditsiiniliselt oluliste bakterite ja imetajarakkudega in vitro. Tallinn : TalTech Press, 2019. 159 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 24/2019).
1127. Loodusteaduskond : bakalaureuseõppekavad 2019/20 / TalTech. [Tallinn] : Tallinna Tehnikaülikool, [2019]. 10, [1] lk. koos sisekaanega : ill.
1128. Lopp, M.; Maidla, M. (koost.). Peegeldus. Tallinn : Margus Lopp, 2019. 182 lk. : fot.
1129. Maljutenko, I. Water circulation in gulf type regions of freshwater influence - the Gulf of Finland and Gulf of Riga = Vee tsirkulatsioon poolsuletud magevee mõjualas - Soome lahes ja Liivi lahes. Tallinn : TalTech Press, 2019. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 41/2019).

1130. Mandre, I. On statistical topography of self-affine sets = Eneseafiinsete hulkade statistilisest topograafiast. Tallinn : TTÜ Press, 2019. 90 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 1/2019).
1131. Mikli, K., Viiard, E., Adamberg, K., Adamberg, S. (koost.). Mina, superorganism : lugu bakterite ja inimese kooselust : näituse kataloog = Я, суперорганизм! : история о сожительстве бактерии и человека : каталог выставки = Me, superorganism! : tale about the untold story of bacteria : exhibition catalogue. Tallinn : Eesti Tervishoiu Muuseum, 2019. 82, [3] lk. koos kaanega : ill.
1132. Ojangu, E.-L. The roles of class XI myosins in Arabidopsis development = Klass XI müosiinide roll müürlooga arengus. Tallinn : TTÜ Press, 2019. 162 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 8/2019).
1133. Prigorchenko, E. Cyclohexanohemicucurbit[n]urils, their synthesis, formation mechanism, and complexation = Tsükloheksanohemikukurbit[n]uriilid, nende süntees, tekkemehhanism ja komplekseerumine. Tallinn : TalTech Press, 2019. 108 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 26/2019).
1134. Pärtel, E., Loide, R.-K. Füüsika : töövihik 8. klassile. 1. osa. Tallinn : Koolibri, 2019. 72 lk. : ill.
1135. Reimund, M. New aspects in stabilization and activation mechanisms of lipoprotein lipase = Uudsed aspektid lipoproteiinlipaasi stabiilsuse ja aktiivsuse regulatsioonis. Tallinn : TalTech Press, 2019. 114 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 65/2019).
1136. Reinsalu, E. Eesti mäendus III : diplomeeritud mäeinseneri õpik. [Tallinn] : TTÜ kirjastus, 2019. 271 lk. : ill.
1137. Reitel, K. Organocatalytic asymmetric Michael addition to cyclopropyl derivatives = Tsükloproopaani derivaatide asümmeetriline organokatalüütiline Michaeli liitumisreaktsioon. Tallinn : TTÜ Press, 2019. 91 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 10/2019).
1138. Rendón de la Torre, S. From econophysics to networks : structure of the large-scale Estonian network of payments = Majandusfüüsikast võrgustikesse : Eesti maksevõrgustike struktuur. Tallinn : TTÜ Press, 2019. 147 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 20/2019).
1139. Rikka, S. Radar remote sensing of meteo-marine parameters in the Baltic Sea = Laine- ja tuuleväljade määramine Läänemeres radarkaugseire andmetest. Tallinn : TalTech Press, 2019. 145 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 28/2019).
1140. Soomere, T. (toim.) ; (koost.) Englas, M., Jakobson, S., Pilt, E. jt. Eesti Vabariigi preemiad 2019 : teadus. F. J. Wiedemanni keelea hind. Kultuur. Sport. Tallinn : Eesti Teaduste Akadeemia, 2019. 319 lk. : ill.
1141. Soomere, T. (toim.) ; (koost.) Suurväli, P. Eesti Teaduste Akadeemia sõnas ja pildis 2018. Tallinn : Argo, [2019]. 120, [1] lk. koos kaanega : ill.
1142. Soomere, T., Suurväli, P., Pilt, E., Steinberg, K., Jakobson, S., Järv, J., Varblane, U. Eesti Teaduste Akadeemia in words and images 2018. Tallinn : Eesti Teaduste Akadeemia, [2019]. 120 p. : ill.
1143. Soosalu, H.E. (ed.). Yearbook 2018 / Geological Survey of Estonia. Rakvere : Geological Survey of Estonia, 2019. 48 p. : ill.
1144. Zernant, J. ABCA4 locus as a model for complex genetics in monogenic diseases = ABCA4 lookus kui monogeensete haiguste kompleksse geneetika mudel. Tallinn : TalTech Press, 2019. 142 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 36/2019).
1145. Teder, T. Structural and catalytic aspects of the catalase-related fatty acid hydroperoxide lyase = Katalaasilaadse hüdroperoksiidülaasi struktuursed ja katalüütilised omadused. Tallinn : TalTech Press, 2019. 108 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 58/2019).
1146. Toom, U. Ordovician and Silurian trace fossils of Estonia = Ordoviitsiumi ja Siluri ajastu jäljekivistised Eestis. Tallinn : TalTech Press, 2019. 263 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 52/2019).

1147. Väli, G., Meier, M., Placke, M., Dieterich, C. River runoff forcing for ocean modeling within the Baltic Sea Model intercomparison project. Warnemünde : Leibniz-Institute for Baltic Sea Research Warnemünde, 2019. 25 p. : ill. (Meereswissenschaftliche Berichte = Marine science reports; 113).

Artiklid

Sisukord

1148. Abdalazeez, A., Didenkulova, I., Dutykh, D. Dispersive effects during long wave run-up on a plane beach // *Advances in Natural Hazards and Hydrological Risks : Meeting the Challenge : proceedings of the 2nd International Workshop on Natural Hazards (NATHAZ'19), Pico Island-Azores 2019*. Cham : Springer Nature Switzerland AG, 2019. p. 143-146. (Advances in Science, Technology & Innovation (ASTI)).
1149. Abdalazeez, A., Didenkulova, I., Dutykh, D. Nonlinear deformation and run-up of single tsunami waves of positive polarity : numerical simulations and analytical predictions // *Natural hazards and earth system sciences (2019) vol. 19, 12*, p. 2905-2913 : ill.
1150. Abdalazeez, A., Didenkulova, I., Dutykh, D. Nonlinear deformation and run-up of single tsunami waves of positive polarity : numerical simulations and analytical predictions // *Innovations in minimization of natural and technological risks : abstracts of the first Eurasian conference "RISK - 2019" : 22 - 24 May 2019, Baku, Azerbaijan*. Baku, 2019. p. 102.
1151. Abdalazeez, A., Didenkulova, I., Dutykh, D. Nonlinear deformation and run-up of elongated solitary waves: numerical simulations and analytical predictions // *Geophysical research abstracts (2019) vol. 21*, p. EGU2019-10473.
1152. Aben, H. Meenutusi akadeemik Maddisonist // *Vaateid mehaanikale Eestis : 1918-2018*. Tallinn : [s.n.], 2019. lk. 101.
1153. Aben, H. Mis on fotoelastsus? // *Vaateid mehaanikale Eestis : 1918-2018*. Tallinn : [s.n.], 2019. lk. 145-149.
1154. Aben, H., Anton, J., Peterson, P., Õis, M. On the fracture mechanics of prince Rupert's Drops // *Proceedings of the First International Conference on Theoretical, Applied and Experimental Mechanics : ICTAEM 2018 : conference proceedings*. Cham : Springer International Publishing AG, 2019. p. 158-160. (Structural Integrity ; 5).
1155. Ainsaar, L., Meidla, T., Hints, O. Carbon isotopic composition of Ordovician carbonates in Baltoscandia : shallow marine facies shifting the $\delta^{13}\text{C}_{\text{carb}}$ values in different ways // *13th International Symposium on the Ordovician System : Novosibirsk, Russia (July 19-22, 2019) : contributions*. Novosibirsk : Publishing House of SB RAS, 2019. p. 7-8.
1156. Alari, V., Björkqvist, J.-V., Kask, A., Mölder, K., Kaldvee, V. A device for measuring wind waves in the marginal ice zone // *Abstracts : [BSSC 2019]. [Stockholm] : [Stockholm University Baltic Sea Centre], [2019]*. p. 296.
1157. Al-Battashi, H. S., Annamalai, N., Sivakumar, N., Gupta, V. K. et al. Lignocellulosic biomass (LCB) : a potential alternative biorefinery feedstock for polyhydroxyalkanoates production // *Reviews in Environmental Science and Bio/Technology (2019) vol. 18, march*, p. 183-205 : ill.
1158. Alenius, P., Tikka, K., Tuomi, L., Lips, U. Water exchange between the Baltic Sea Proper and the Åland Sea // *Abstracts : [BSSC 2019]. [Stockholm] : [Stockholm University Baltic Sea Centre], [2019]*. p. 170.
1159. Allen, D.T., Carrier, D.J., Gong, J., Gathergood, N. et al. Why wasn't my ACS Sustainable Chemistry & Engineering manuscript sent out for review? // *ACS sustainable chemistry & engineering (2019) vol. 7, 1*, p. 1-2.
1160. Alonso, F., Spuul, P., Daubon, T. et al. Variations on the theme of podosomes : A matter of context // *Biochimica et biophysica acta : molecular cell research (2019) vol. 1866, 4*, p. 545-553 : ill.
1161. Arikas, A., Uiboupin, R., Sipelgas, L. Variability of optical parameters during upwelling and downwelling events - a study along NW coast of Estonia (Baltic Sea) // *2019 European Space Agency Living Planet Symposium. [S.l.] : ESA, 2019. [1] p.*

1162. Bagbaba, A. C., Jenihhin, M., Raik, J., Sauer, C. Accelerating transient fault injection campaigns by using Dynamic HDL Slicing // 2019 IEEE Nordic Circuits and Systems Conference (NORCAS) : NORCHIP and International Symposium of System-on-Chip (SoC), 29-30 October 2019, Helsinki, Finland : proceedings in IEEE Xplore. Danvers : IEEE, 2019. 7 p. : ill.
1163. Bagdanavičiūtė, I., Kelpšaitė-Rimkienė, L., Galinienė, J., Soomere, T. Index based multi-criteria approach to coastal risk assesment // Journal of Coastal Conservation (2019) vol. 23, 4, p. 785-800 : ill.
1164. Barysevich, M.V., Iskryk, M., Kananovich, D.G. Quest for asymmetric Kulinkovich reaction: from mechanism towards enhanced enantioselectivity // ESOC 2019 : 21st European Symposium on Organic Chemistry, July 14-18, 2019, Vienna, Austria : abstracts. Gumpoldskirchen : Book-of-Abstracts.com, 2019. OC-10 ; p. 92.
1165. Bauert, H. Arbavere maapõue uuringukeskus // Aastaraamat 2018 / Eesti Geoloogiateenistus. Rakvere : Eesti Geoloogiateenistus, 2019. lk. 33-34.
1166. Bauert, H. The Arbavere georesource research centre // Yearbook 2018 / Geological Survey of Estonia. Rakvere : Geological Survey of Estonia, 2019. p. 33-34 : fot.
1167. Benayoun, E., Young, S., Hints, O., Martma, T., Owens, J.D. Paleoredox changes associated with early silurian extinction events: new geochemical evidence from Baltoscandia // Geological Society of America Abstracts with Programs, vol. 51, no. 3. [S.l.] : Geological Society of America, 2019. paper no. 29-2.
1168. Berezovski, A. Elastic wave propagation in periodical one-dimensional problems: Accurate finite element modelling // Proceedings of 8th GACM Colloquium on Computational Mechanics For Young Scientists From Academia and Industry August 28th-30th, 2019 University of Kassel, Germany. Kassel : Kassel University Press, 2019. p. 23-25.
1169. Berezovski, A. Internal variables representation of generalized heat equations // Continuum mechanics and thermodynamics (2019) vol. 31, p. 1733-1741.
1170. Berezovski, A. On computing of pulse propagation and reflection in 2d elastic waveguide // Engineering mechanics 2019 : International Conference, May 13 - 16, 2019, Svatka, Czech Republic : book of full texts. Prague : Institute of Thermomechanics of the Czech Academy of Sciences, 2019. p. 49-52 : ill.
1171. Berezovski, A. On the modeling of microstructure influence // Proceedings of 8th GACM Colloquium on Computational Mechanics For Young Scientists From Academia and Industry August 28th-30th, 2019 University of Kassel, Germany. Kassel : Kassel University Press, 2019. p. 15-18.
1172. Berezovski, M., Berezovski, A. An explicit finite volume numerical scheme for 2D elastic wave propagation // Applied wave mathematics II : selected topics in solids, fluids, and mathematical methods and complexity. Cham : Springer, 2019. p. 257-280. (Mathematics of planet Earth, vol. 6).
1173. Bettini, S., Pagano, R., Borovkov, V., Giancane, G., Valli, L. The role of the central metal ion of ethane-bridged bis-porphyrins in histidine sensing // Journal of colloid and interface science (2019) vol. 533, p. 762-770 : ill.
1174. Bhadoria, R., Ping, K., Lohk, C., Järving, I., Starkov, P. Probing cellular outcomes using heterobivalent constructs [Online resource] // ChemRxiv (2019) 9, S74 p. : ill.
1175. Björkqvist, J-V., Vähä-Piikkiö, O., Alari, V., Kuznetsova, A., Tuomi, L. Validating WAM, SWAN and WAVEWATCH III in the Helsinki archipelago // Abstracts : [BSSC 2019]. [Stockholm] : [Stockholm University Baltic Sea Centre], [2019]. p. 135.
1176. Bøe, R., Sandøy, R., Baeten, N.J., Lepland, A. et al. Marine mine tailings disposal at Lillebukt, Stjernesundet, North Norway // Vinterkonferansen 2019 : Bergen, January 7th-9th, 2019 : NGF abstracts and proceedings of the Geological Society of Norway. [S.l.] : Norsk Geologisk Forening, 2019. p. 10-11.
1177. Bowman, C. N., Young, S. A., Kaljo, D., Hints, O., Martma, T. et al. Linking the progressive expansion of reducing conditions to a stepwise mass extinction event in the late Silurian oceans // Geology (2019) vol. 47, 10, p. 968-972 : ill.

1178. Brown, A., Poska, A., Pluskowski, A. The environmental impact of cultural change: Palynological and quantitative land cover reconstructions for the last two millennia in northern Poland // *Quaternary international* (2019) vol. 522, p. 38-54 : ill.
1179. Chi, P-Y., Spuul, P., Tseng, F-G. et al. Cell Migration in Microfluidic Devices : Invadosomes Formation in Confined Environments // *Cell migrations : causes and functions*. Cham : Springer Nature, 2019. p. 79-103. (Advances in experimental medicine and biology ; 1146).
1180. Colleter, G., Parnell, K., Wharton, C., Hunt, S. Beach nourishment pattern-placement along the Gold Coast // *Australasian Coasts and Ports 2019 Conference : Future directions from 40 [degrees] S and beyond*, Hobart, 10-13 September 2019. Hobart : Engineers Australia, 2019. p. 206-212.
1181. Deev, E., Turova, I., Borodovskiy, A., Molodkov, A. et al. Large earthquakes in the Katun Fault zone (Gorny Altai) : Paleoseismological and archaeoseismological evidence // *Quaternary science reviews* (2019) vol. 203, p. 68-89 : ill.
1182. Delpeche-Ellmann, N., Ellmann, A. An iterative approach for near-coast Marine Geoid Modelling and sea level analysis using satellite altimetry, in-situ and modeled data // *IUGG 2019 : abstract book*. [S.l.] : International Union of Geodesy and Geophysics, 2019. [1] p., abstract: JG06 p-107.
1183. Delpeche-Ellmann, N., Ellmann, A., Birgiel, E. Validation of the Sentinel-3A SRAL altimeter data for the coastal waters of the Baltic Sea // *IUGG 2019 : abstract book*. [S.l.] : International Union of Geodesy and Geophysics, 2019. [1] p., abstract: JM09p-113.
1184. Delpeche-Ellmann, N., Soomere, T. Hidden secrets of transverse coastal upwelling jets revealed using a synergy of data in the Gulf of Finland, Baltic Sea // *Abstracts : [BSSC 2019]*. [Stockholm] : [Stockholm University Baltic Sea Centre], [2019]. p. 112.
1185. Delpeche-Ellmann, N., Soomere, T., Ellmann, A. Examining and quantifying the role of transverse jets in coastal upwellings, from a Lagrangian transport perspective // *IUGG 2019 : abstract book*. [S.l.] : International Union of Geodesy and Geophysics, 2019. [1] p., abstract: IUGG19-2212.
1186. DelpecheEllmann,N.,Varbla,S.,Jahanmard,V.,Ellmann,A. Deeper insights into the validation of hydrodynamic models using a synergy of remote sensing data // *Baltic Earth Workshop Climate projections and uncertainties in the northern Baltic Sea region*, Helsinki, Finland, 19-20 November, 2019 : Programme, Abstracts, Participants. Geesthacht : International Baltic Earth Secretariat Publication, 2019. p. 14-15. (International Baltic Earth Secretariat Publication ; 16).
1187. Delpeche-Ellmann, N., Viikmäe, B., Pindsoo, K., Soomere, T. An assessment and quantification of sea surface currents using satellite altimetry, in-situ and hydrodynamic model data for the Gulf of Finland, Baltic Sea // *2019 European Space Agency Living Planet Symposium*. [S.l.] : ESA, 2019. [1] p.
1188. Deptula, P., Loivamaa, I., Smolander, O.-P. et al. Red-brown pigmentation of acidipropionibacterium jensenii is tied to haemolytic activity and cyl-Like gene cluster // *Microorganisms* (2019) vol. 7, 11, p. 15 p. : ill.
1189. Didenkulova, I. Freak waves in the sea coastal zone // *IUGG 2019 : abstract book*. [S.l.] : International Union of Geodesy and Geophysics, 2019. [1] p., abstract: IUGG19-2598.
1190. Didenkulova, I., Abdalazeez, A., Dutykh, D. et al. Dispersive effects during long wave runup on a beach // *Geophysical research abstracts* (2019) vol. 21, p. EGU2019-16378.
1191. Didenkulova, I., Pelinovsky, E. Run-up of a nonlinear monochromatic wave on a plane beach in presence of a tide // *Oceanology* (2019) vol. 59, 4, p. 478-481 : ill.
1192. Elek, G. Z, Koppel, K, Lopp, M, Kananovich, D.G. Short synthesis of chlamydocin and related histone decatylase inhibitors via late-stage cyclopropane ring cleavage strategy [Online resource] // *Tartu Ülikooli ASTRA projekt PER ASPERA Funktsionaalsete materjalide ja tehnoloogiate doktorikool : teesid 2019*. Tartu : Tartu Ülikool, 2019. 1 p. : ill.
1193. Elek, G. Divergent access to histone deacetylase inhibitory cyclopeptides via a late-stage cyclopropane ring Cleavage strategy. Short synthesis of Chlamydocin // *ESOC 2019 : 21st European Symposium on Organic Chemistry*, July 14-18, 2019, Vienna, Austria : abstracts. Gumpoldskirchen : Book-of-Abstracts.com, 2019. PO-381 ; p. 143.

1194. Elek, G. Oxidative ring cleavage reactions of cyclopropanols and their synthetic applications [Online resource] // *Frontiers in Organic Synthesis : Dedicated to the 70th birthday of Professor Margus Lopp*, Tallinn, 15th November 2019. [Tallinn] : [Tallinna Tehnikaülikool], 2019. p. 6.
1195. Elek, G.Z., Koppel, K., Konrad, N., Lopp, M., Kananovich, D.G. Tetrapeptiidi histooni deatsetülaasi inhibiitori ehituskivide divergentne süntees // *XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid*. Tallinn : Eesti Keemiaselts, 2019. lk. 13 : ill.
1196. Elek, G.Z., Koppel, K., Lopp, M., Kananovich, D.G. Short synthesis of chlamydocin and related histone deacetylase inhibitors via late-stage cyclopropane ring cleavage strategy [Online resource] // *Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad* : [4.-5. veebr. 2019, Tartu : teesid]. Tartu : Tartu Ülikool, 2019. 1 p.: ill.
1197. Elek, G.Z., Koppel, K., Zubrytski, D., Konrad, N., Järving, I., Lopp, M., Kananovich, D. Divergent access to histone deacetylase inhibitory cyclopeptides via a late-stage cyclopropane ring Cleavage strategy. Short synthesis of Chlamydocin // *Organic letters* (2019) vol. 21, 20, p. 8473-8478 : ill.
1198. Elken, J., Zujev, M., She, J., Lagemaa, P. Reconstruction of large-scale sea surface temperature and salinity fields using sub-regional EOF patterns from models // *Frontiers in earth science* (2019) vol. 7, art. 232, 20 p. : ill.
1199. Elvenes, S., Lepland, A., Bøe, R. Marine base maps : Tailoring geological information to marine spatial planners // *Vinterkonferansen 2019 : Bergen, January 7th-9th, 2019 : NGF abstracts and proceedings of the Geological Society of Norway*. [S.l.] : Norsk Geologisk Forening, 2019. p. 19-20.
1200. Engelbrecht, J. Lainelevi modelleerimine tahkistes ja kompleksüsteemid // *Teadusmõte Eestis (X)*. Tehnikateadused. 3 : [artiklilogumik]. Tallinn : Argo, 2019. lk. 37-47 : ill., fot. (Teadusmõte Eestis ; 10).
1201. Engelbrecht, J. Sammu teadlastel // *Vaateid mehaanikale Eestis : 1918-2018*. Tallinn : [s.n.], 2019. lk. 150-159.
1202. Engelbrecht, J. Teadmistest ja ennustustest // *Akadeemia* (2019) 7, lk. 1169-1187.
1203. Engelbrecht, J., Kutser, M. Nikolai Alumäe pärand Eesti mehaanikateaduses - valitud peatükke koorikute teoorias // *Vaateid mehaanikale Eestis : 1918-2018*. Tallinn : [s.n.], 2019. lk. 102-112.
1204. Engelbrecht, J., Tamm, K., Peets, T. Criteria for modelling wave phenomena in complex systems : the case of signals in nerves // *Proceedings of the Estonian Academy of Sciences* (2019) vol. 68, 3, p. 276-283 : ill.
1205. Engelbrecht, J., Tammiksaar, E. Teaduskorraldusest Eestis : minevik ja tulevik // *Riigikogu Toimetised*. Tallinn : [Riigikogu Kantselei], 2019. lk. 29-39.
1206. Ermolovich, Y., Barysevich, M., Adamson, J., Rogova, O., Kaabel, S., Järving, I., Gathergood, N., Kananovich, D. G. Site-selective and stereoselective C-H functionalization of N-Cyclopropylamides via a directed remote metalation strategy // *Organic letters* (2019) vol. 21, 4, p. 969-973 : ill.
1207. Ernits, K., Eek, P., Lukk, T. et al. First crystal structure of an endo-levanase - the BT1760 from a human gut commensal *Bacteroides thetaiotaomicron* // *Scientific reports* (2019) vol. 9, art. 8443, 13 p. : ill.
1208. Ernits, K., Eek, P., Lukk, T., Visnapuu, T., Alamäe, T. First crystal structure of a bacterial endo-levanase // *FEBS3+ conference of Latvian, Lithuanian and Estonian Biochemical Societies : abstract book* : Riga, Latvia, 17-19 June 2019. [Rīga] : University of Latvia Press, 2019. p. 22.
1209. Florescu, G., Brown, K., Carter, V., Veski, S. et al. Holocene rapid climate changes and ice-rafting debris events reflected in high-resolution European charcoal records // *Quaternary science reviews* (2019) vol. 222, art. 105877, 13 p. : ill.
1210. Forsblom, L., Engström-Öst, J., Lehtinen, S., Lips, I. et al. Environmental variables driving species and genus level changes in annual plankton biomass // *Journal of plankton research* (2019) vol. 41, 6, p. 925-938 : ill.
1211. Fouxon, I., Ainsaar, S., Kalda, J. Quartic polynomial approximation for fluctuations of separation of trajectories in chaos and correlation dimension // *Journal of Statistical Mechanics : Theory and Experiment* (2019) vol. 2019, aug., art. 083211, 26 p.

1212. Gabdrakhmanov, D. R., Samarkina, D. A., Krylova, E. S., Kapitanov, I. V., Karpichev, Y. et al. Supramolecular systems based on novel amphiphiles and a polymer : aggregation and selective solubilization // *Journal of surfactants and detergents* (2019) vol. 22, 4, p. 865-874 : ill.
1213. Gawade, P. M.; Khose, V. N.; Badani, P. M., Kaabel, S., Borovkov, V. et al. Benzynes-mediated nonconcerted pathway toward synthesis of sterically crowded [5]- and [7]oxahelicenes, stereochemical and theoretical studies, and optical resolution of helicenes // *Journal of organic chemistry* (2019) vol. 84, 2, p. 860-868 : ill.
1214. Gavrilov, A. Demonstration of the Lorenz Force in the study of physics // *American journal of engineering research (AJER)* (2019) vol. 8, 1, p. 15-19 : ill.
1215. Gavrilov, A. Demonstration of the Lorenz force using a spark gas discharge // *Journal of multidisciplinary engineering science studies* (2019) vol. 5, 3, p. 2545-2547 : ill.
1216. Gavrilov, A. The study of electrical resonance in a physics course // *Journal of multidisciplinary engineering science studies* (2019) vol. 5, 10, p. 2833-2836 : ill.
1217. Gerassimenko, J., Nigul, L., Truve, E., Sarmiento, C. An endogenous suppressor of RNA silencing in *Arabidopsis thaliana* // *What future for RNAi-based products : RNAi modified plants or spray products : 3 rd iPLANTA Conference : book of abstracts : posters. [S.l.] : COST, 2019. p. 15.*
1218. Giudici, A. Saaste jälgimise tehnoloogia Soome lahes // *Teadus kolme minutiga : 2017-2019. [Tallinn] : Argo, 2019. lk. 40-43 : portr., kaart. (Elav teadus ; 21).*
1219. Giudici, A., Kalda, J., Soomere, T. Generation of large pollution patches via collisions of sticky floating parcels driven by wind and surface currents // *Marine pollution bulletin* (2019) vol. 141, p. 573-585 : ill.
1220. Giudici, A., Soomere, T. A software platform to collect and store GPS drifter data // *2019 European Space Agency Living Planet Symposium. [S.l.] : ESA, 2019. 1 p.*
1221. Goidyk, O., Herrmann, H. Initial results of local strength analysis of a fiber concrete plate by 4-point bending tests // *13th International Conference : Modern Building Materials, Structures and Techniques, May 16-17, 2019, Lithuania. Vilnius : VGTU Press, 2019. p. 306-310 : ill.*
1222. Gonzalez, F. R., Raval, S., Taplin, R., Timms, W., Hitch, M. Evaluation of impact of potential extreme rainfall events on mining in Peru // *Natural Resources Research* (2019) vol. 28, 2, p. 393-408 : ill.
1223. Graf, O., Krahmer, F., Krause-Solberg, S. Higher order 1-bit Sigma-Delta modulation on a circle // *2019 International Conference on Sampling Theory and Applications (SampTA) : 13th International Conference : Bordeaux, France, July 8-12, 2019 : [proceedings]. [S.l.] : IEEE Computer Society Press, 2019. 5 p.*
1224. Graf, O., Tamberg, G. A construction of a fractional derivative masks for imaging based on generalized Kantorovich sampling operators // *24th International Conference on Mathematical Modelling and Analysis : May 28-31, 2019, Tallinn, Estonia : abstracts. [Tallinn] : Institute of Cybernetics, Tallinn University of Technology, 2019. p. 22.*
1225. Graf, O., Tamberg, G. On some norms and approximation properties of Kantorovich-type sampling operators // *2019 International Conference on Sampling Theory and Applications (SampTA) : 13th International Conference : Bordeaux, France, July 8-12, 2019 : [proceedings]. [S.l.] : IEEE Computer Society Press, 2019. 4 p.*
1226. Harff, J., Soomere, T., Zhang, H. Journal of Coastal Conservation special issue "Coast and society" // *Journal of Coastal Conservation* (2019) vol. 23, 4, p. 713-716 : ill.
1227. Harish, S., Sriram, V., Sundar, V., Didenkulova, I. et al. Impact of flow-driven debris on coastal structure during tsunami Bore // *Proceedings of the Fourth International Conference in Ocean Engineering (ICOE2018), vol. 2. Singapore : Springer, 2019. p. 315-326.*
1228. Herrmann, H., Boris, R., Goidyk, O., Braunbrück, A. Variation of bending strength of fiber reinforced concrete beams due to fiber distribution and orientation and analysis of microstructure // *IOP conference series : materials science and engineering* (2019) vol. 660, art. 012059, 11 p. : ill.
1229. Herrmann, H., Boris, R., Goidyk, O., Braunbrück, A. Variation of bending strength of fiber reinforced concrete beams due to fiber distribution and orientation and analysis of microstructure // *4th International Conference Innovative Materials, Structures and*

- Technologies : IMST2019 : Organised by the Faculty of Civil Engineering, Riga, Latvia, 25-27 September 2019 : book of abstracts. Riga : RTU Press, 2019. p. 26.
1230. Herrmann, H., Braunbrück, A., Tuisk, T., Goidyk, O., Naar, H. An Initial report on the effect of the fiber orientation on the fracture behavior of steel fiber reinforced self-compacting concrete // Short fibre reinforced cementitious composites and ceramics. Cham, Switzerland : Springer Nature Switzerland AG, 2019. p. 33-50. (Advanced structured materials ; 95).
 1231. Herrmann, H., Goidyk, O., Braunbrück, A. Influence of the flow of self-compacting steel fiber reinforced concrete on the fiber orientations, a report on work in progress // Short fibre reinforced cementitious composites and ceramics. Cham, Switzerland : Springer Nature Switzerland AG, 2019. p. 97-110. (Advanced structured materials ; 95).
 1232. Herrmann, H., Goidyk, O., Naar, H., Tuisk, T., Braunbrück, A. The influence of fibre orientation in self-compacting concrete on 4-point bending strength // Proceedings of the Estonian Academy of Sciences (2019) vol. 68, 3, p. 337-346 : ill.
 1233. Himmler, T., Martma, T., Bünz, S., Panieri, G., Knies, J., Lepland, A. Petrography and geochemistry of seep carbonates from the Barents Sea // IAS 2019 : 34th International Association of Sedimentologists 2019 Meeting of Sedimentology, Rome, Italy, 10-13 September 2019. [S.l.] : IAS, 2019. 1 p.
 1234. Himmler, T., Martma, T., Bünz, S., Panieri, G., Knies, J., Lepland, A. Petrography and geochemistry of seep carbonates from the Barents Sea // 34th IAS Meeting of Sedimentology - Abstract Submission and Conference Registration, 10-13 September 2019, Rome, Italy. [S.l.] : [S.n.], 2019. 1 p.
 1235. Himmler, T., Sahy, D., Martma, T., Lepland, A. et al. A 160,000-year-old history of tectonically controlled methane seepage in the Arctic // Science advances (2019) vol. 5, 8, art. eaaw1450, 8 p. : ill.
 1236. Himmler, T., Sahy, D., Martma, T., Lepland, A. et al. U-Th dating of seep carbonates reveals episodic methane release from the Vestnesa Ridge off west Svalbard over the last ~170,000 years // Vinterkonferansen 2019 : Bergen, January 7th-9th, 2019 : NGF abstracts and proceedings of the Geological Society of Norway. [S.l.] : Norsk Geologisk Forening, 2019. p. 37.
 1237. Hints, L. The Ordovician brachiopod genus *Cyrtonotella*: taxonomy and distribution in the Baltic Basin // Estonian journal of earth sciences (2019) vol. 68, 3, p. 147-159 : ill.
 1238. Hints, O. Loodusteaduslikud kollektsoonid Eestis // Eesti Loodus (2019) 1, lk. 12-19 : fot.
 1239. Hints, O., Isakar, M., Toom, U. A national geoscience data platform and its application in Paleobiodiversity Studies: experiences from Estonia // Biodiversity information science and standards (2019) vol. 3, art. e38001, 3 p.
 1240. Hints, O., Kaljo, D., Lepland, A., Liiv, M., Martma, T., Ainsaar, L. Paired organic and carbonate carbon isotope records through the Middle and Upper Ordovician of Estonia // 13th International Symposium on the Ordovician System : Novosibirsk, Russia (July 19-22, 2019) : contributions. Novosibirsk : Publishing House of SB RAS, 2019. p. 75-77.
 1241. Hitch, M. Eesti tulevik ja säästlik mineraalikasutus // Mente et Manu (2019) 4, lk. 4-9 : fot.
 1242. Hong, W., Lepland, A., Himmler, T., Martma, T. et al. Discharge of meteoric water in the eastern Norwegian Sea since the last glacial period // Geophysical research letters (2019) vol. 46, 14, p. 8194-8204 : ill.
 1243. Howard-Williams, C., Hawes, I., Doran, P., Kaup, E. et al. Diversity of Antarctic lakes, ponds and streams // Antarctic environments portal (2019)
 1244. Hu, X., Guo, J., Zhang, R., Yin, Z., Borovkov, V. Asymmetric Biginelli-like reaction catalyzed by chiral TADDOL-derived phosphoric acid bearing two hydroxyl groups // The 23rd International Electronic Conference on Synthetic Organic Chemistry 15 nov 2019 - 15 dec 2019. : MDPI, 2019. 8 p. : ill.
 1245. Hu, X., Yin, Zh., Guo, J., Borovkov, V., Shan, Z. An efficient method for long-term configurational stabilization of chiral tricyclic dipeptide via heterocomplexation approach // ChemistrySelect (2019) vol. 4, 11, p. 3210-3213.
 1246. Isaksson, E., Divine, D., Gallet, J.-C., Kohler, J., Martma, T. et al. Svalbard ice cores studies threatened by rapid climate warming // Geophysical research abstracts (2019) vol. 21, p. EGU2019-7727.

1247. Isaksson, E., Hermansson, M., Muir, D. C. G., Martma, T. et al. The frozen archives in a warming climate // Svalbard Science Conference 2019 : book of abstracts. [S.l.] : [The Research Council of Norway], 2019. p. 105.
1248. Ivask, J. Kosmosekroonika : juuli-august : püüdlemine Kuule ja asteroidi puudutus // Horisont (2019) 5, lk. 54-55 : fot.
1249. Ivask, J. Kosmosekroonika : mai-juuni : üha uued satelliidid ja toimetused kosmosejaamas // Horisont (2019) 4, lk. 52-53 : fot.
1250. Ivask, J. Kosmosekroonika : märts-aprill : plahvatus asteroidil, kuu-sondi ja kosmosekapsli häving // Horisont (2019) 3, lk. 54-55 : fot.
1251. Ivask, J. Kosmosekroonika : september-oktoober : toimetused kuul, kosmosejaamas ja asteroidil // Horisont (2019) 6, lk. 54-55 : fot.
1252. Jaanson, K., Pärn, A., Timmus, T. Usage of bacterial artificial chromosomes for studying BDNF gene regulation in primary cultures of cortical neurons and astrocytes // Brain-derived neurotrophic factor (BDNF). New York : Humana Press, c2019. p. 13-25. (Neuromethods ; 143).
1253. Jakobson, L., Möttus, J., Nigul, L., Smolander, O.-P., Truve, E., Sarmiento, C. Abce proteins in plants // 1st PlantEd Conference Plant Genome Editing - State of the Art, University of Novi Sad, Central Building, 5-7 November 2019 : proceedings. [S.l.] : Institute of Lowland Forestry and Environment, Novi Sad, Serbia, 2019. p. 49.
1254. Janáková, E., Jakobson, I., Peuša, H., Järve, K. et al. Divergence between bread wheat and *Triticum militinae* in the powdery mildew resistance QPm.tut-4A locus and its implications for cloning of the resistance gene // Theoretical and applied genetics (2019) vol. 132, 4, p. 1061-1072 : ill.
1255. Jandt, S., Verjovkina, S., Lagemaa, P. et al. Development of a common toolbox to validate forecast products and reanalysis within the Baltic CMEMS group // Abstracts : [BSSC 2019]. [Stockholm] : [Stockholm University Baltic Sea Centre], [2019]. p. 303.
1256. Järvelill, J.-I., Kallaste, T., Kleesment, A., Pajusaar, S., Raukas, A. Provenance of heavy minerals in the Quaternary deposits of the Lemme outcrop, Estonia, based on optical microscopy, X-ray diffractometry and scanning electron microscope microanalysis // Estonian journal of earth sciences (2019) vol. 68, 2, p. 76-87 : ill.
1257. Jörgensen, K., Kreutzer, A., Lehtonen, K., Kõuts, T., Lilover, M.-J. et al. The EU Horizon 2020 project GRACE : integrated oil spill response actions and environmental effects // Environmental sciences Europe (2019) vol. 31, art. 44, 10 p. : ill.
1258. Kaabel, S., Stein, R. S., Fomitšenko, M., Järving, I., Frišćic, T., Aav, R. Size-control by anion templating in mechanochemical synthesis of hemicucurbiturils in the solid state // Angewandte Chemie international edition (2019) vol. 58, 19, p. 6230-6234 : ill.
1259. Kaasik, M., Kaabel, S., Kriis, K., Järving, I., Kanger, T. Synthesis of chiral triazole-based halogen bond donors // Synthesis (2019) vol. 51, 10, p. 2128-2135 : ill.
1260. Kaasik, M., Kaabel, S., Metsala, A. et al. Triazole-based XB donors in solution and applications in catalysis // Frontiers in Organic Synthesis : Dedicated to the 70th birthday of Professor Margus Lopp, Tallinn, 15th November 2019. [Tallinn] : [Tallinna Tehnikaülikool], 2019. Lk. 5 : ill.
1261. Kaasik, M., Metsala, A., Kaabel, S., Kriis, K., Järving, I., Kanger, T. Halo-1,2,3-triazolium salts as halogen bond donors for the activation of Iiines in dihydropyridinone synthesis // Journal of organic chemistry (2019) vol. 84, 7, p. 4294-4303 : ill.
1262. Kalda, J. Elektrist, energiast ja füüsikast üldiselt // Elektriala (2019) 1, lk. 26-27 : ill.
1263. Kaldas, K., Preegel, G., Muldma, K., Lopp, M. The stability of dicarboxylic acids in subcriticalwet air oxidation (wao) condotions [Online resource] // Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid]. Tartu : Tartu Ülikool, 2019. 1 p.: ill.
1264. Kaldas, K., Preegel, G., Muldma, K., Lopp, M. Dikarboksüülhapete stabiilsus oksüdatsioonil õhuhapnikuga vesikeskkonnas // XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid. Tallinn : Eesti Keemiaselts, 2019. lk. 16 : ill.
1265. Kaldas, K., Preegel, G., Muldma, K., Lopp, M. Reactivity of aliphatic dicarboxylic acids in wet air oxidation conditions // Industrial & engineering chemistry research (2019) vol. 58, 25, p. 10855-10863 : ill.

1266. Kaljurand, M. Smart materials in miniaturized devices // Handbook of smart materials in analytical chemistry. Hoboken : John Wiley & Sons Ltd, 2019. p. 621-642.
1267. Kamini, M., Fomitšenko, M., Aav, R. Synthesis of new chiral macrocycles from (2S)-2,3-diaminopropionic acid [Online resource] // Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid]. Tartu : Tartu Ülikool, 2019. 1 p.: ill.
1268. Kammonen, J. I., Smolander, O.-P., Paulin, L. et al. gapFinisher : A reliable gap filling pipeline for SSPACE-LongRead scaffold output // PLoS ONE (2019) vol. 14, p, art. e0216885, 21 p. : ill.
1269. Kapitanov, I., Jordan, A., Karpichev, Y., Gathergood, N. et al. Synthesis, self-assembly, bacterial and fungal toxicity, and preliminary biodegradation studies of a series of L-phenylalanine-derived surface-active ionic liquids // Green chemistry (2019) vol. 21, 7, p. 1777-1794 : ill.
1270. Karro, N., Laasmaa, M., Vendelin, M. et al. Respiration of permeabilized cardiomyocytes from mice: no sex differences, but substrate-dependent changes in the apparent ADP-affinity // Scientific reports (2019) vol. 9, art. 12592.
1271. Kartofelev, D., Arro, J. G., Valimäki, V. Experimental verification of dispersive wave propagation on guitar strings // SMC 2019 : Proceedings of the 16th Sound & Music Computing Conference. Malaga : SMC, c2019. p. 324-331 : ill.
1272. Karu, K. Jätkusuuutlik toidulaud : [noorteadlaste konkursi Teadus kolme minutiga ettekanne] // Teadus kolme minutiga : 2017-2019. [Tallinn] : Argo, 2019. lk. 64-67 : fot. (Elav teadus ; 21).
1273. Karu, V. Pöördelised ajad mäetööstuses : 4 digitehnoloogiatrendi maavarade kaevandamisel // Director. Inseneeria (2019) 1, lk. 82-85 : fot.
1274. Kaup, E. Estonians in Antarctic research // Expedition Antarctica 200 : the official publication of the Estonian expedition : ajakirja Go Reisiajakiri eriväljaanne (2019) p. 28-33 : ill., phot.
1275. Kaup, E. Vaateid turismilaevalt Antarktika poolsaarele // Go Reisiajakiri (2019) 3, lk. 44-49.
1276. Kelpšaitė-Rimkienė, L., Kondrat, V. Parnell, K. Sandy coast cross-shore profile changes in a high wave energy environment, Palanga, Baltic Sea // Geophysical research abstracts (2019) vol. 21, p. EGU2019-10345.
1277. Khose, V.N., Hasan, M., Khot, S.C., Mobin, S.M., Borovkov, V. et al. Directional Approach to Enantiomerically Enriched Functionalized [7]Oxa-helicenoids and Groove-Based Selective Cyanide Sensing // Journal of organic chemistry (2019) vol. 85, 4, p. 1847-1860 : ill.
1278. Kimm, M., Ošeka, M., Kaabel, S., Metsala, A., Järving, I., Kanger, T. [2,3]-Wittig rearrangement as a formal asymmetric alkylation of α -branched ketones // Organic letters (2019) vol. 21, 13, p. 4976-4980.
1279. Kimm, M., Ošeka, M., Kanger, T. Wittig [2,3]-rearrangement as a formal asymmetric alkylation of α -branched cyclopentanones // Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid]. Tartu : Tartu Ülikool, 2019. 1 p.
1280. Kimm, M., Ošeka, M., Kanger, T. Wittigi [2,3]-ümberasetusreaktsioon kui α -hargnenud tsüklopentanoonide formaalne asümmeetriline alküleerimismeetod // XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid. Tallinn : Eesti Keemiaselts, 2019. lk. 18 : ill.
1281. Kinash, N., Janno, J. An inverse problem for a generalized fractional derivative with an application in reconstruction of time- and space-dependent sources in fractional diffusion and wave equations // Mathematics (2019) vol. 7, 12, art. 1138, p. 1-16.
1282. Kinash, N., Janno, J. Inverse problems for a generalized subdiffusion equation with final overdetermination // Mathematical modelling and analysis (2019) vol. 24, 2, p. 236-262.
1283. Kinash, N., Janno, J. Reconstruction of space- and time-dependent sources in fractional wave and diffusion equations by means of overdetermination in a time subinterval // 24th International Conference on Mathematical Modelling and Analysis : May 28-31, 2019, Tallinn, Estonia : abstracts. [Tallinn] : Institute of Cybernetics, Tallinn University of Technology, 2019. p. 37.
1284. Klepinina, L. Vähi tüvirakud kui kasvaja kurja juur : [noorteadlaste konkursi Teadus kolme minutiga ettekanne] // Teadus kolme minutiga : 2017-2019. [Tallinn] : Argo, 2019. lk. 76-79 : portr., ill. (Elav teadus ; 21).

1285. Kollo, K., Ellmann, A., Kõuts, T., Vahter, K. Updated tide gauge records for specifying mean sea level estimates along the Estonian coast // *Geophysical research abstracts* (2019) vol. 21, p. EGU2019-15931.
1286. Konrad, N., Meniailava, D., Osadchuk, I., Kananovich, D.G. Tsinkporfüriinide ja Takemoto katalüsaatori võõrustaja-külaline supramolekulaarsete komplekside uurimine spektroskoopiliselt ja arvutuslikult // XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid. Tallinn : Eesti Keemiaselts, 2019. lk. 19 : ill.
1287. Korsakova, O., Molodkov, A., Yelovicheva, Y., Kolka, V. Middle Pleistocene marine deposits on the Kola Peninsula (NWRussia) // *Quaternary international* (2019) vol. 509, 10, p. 3-16 : ill.
1288. Košik, O., Kree, M. Füüsikaolümpiaadi väga edukas aasta // *Horisont* (2019) 6, lk. 58-59 : ill.
1289. Kotkas, K., Rosenberg, V., Kulp, M., Vaher, M. Värvilistes *Solanum tuberosum* L. mugulates sisalduvate üldfenoolide, suhkru- ja mineraalelementide analüüs // XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid. Tallinn : Eesti Keemiaselts, 2019. lk. 43 : ill.
1290. Kriisa, M., Stulova, I., Kallastu, A., Vilu, R. Vaadaku väärindamine - glükoosi-galaktoosi siirupi tootmistingimuste optimeerimine ning siirupi kasutamine erinevates toodetes // *Terve loom ja tervislik toit : konverentsi "Terve loom ja tervislik toit 2019" artiklite kogumik*. Tartu : Eesti Maaülikool, 2019. lk. 54-55.
1291. Krištal, J., Metsla, K., Bragina, O., Tõugu, V., Palumaa, P. Toxicity of amyloid- β peptides varies depending on differentiation route of SH-SY5Y cells // *Journal of Alzheimer's disease* (2019) vol. 71, 3, p. 879-887.
1292. Krustok, J., Raadik, T., Kaupmees, R., Grossberg, M., Kauk-Kuusik, M., Timmo, K., Mere, A. Observation of band gap fluctuations and carrier localization in $\text{Cu}_2\text{CdGeSe}_4$ // *Journal of physics D : applied physics* (2019) vol. 52, 28, art. 285102, 7 p. : ill.
1293. Kröger, B., Penny, A., Hints, O. Alpha, beta and gamma diversity controls on Ordovician-Silurian brachiopods of the Baltic Basins // *13th International Symposium on the Ordovician System : Novosibirsk, Russia (July 19-22, 2019) : contributions*. Novosibirsk : Publishing House of SB RAS, 2019. p. 107.
1294. Kudryavtseva, N., Kussembayeva, K., Rakisheva, Z.B., Soomere, T. Spatial variations in the Caspian Sea wave climate in 2002-2013 from satellite altimetry // *Estonian journal of earth sciences* (2019) vol. 68, 4, p. 225-240 : ill.
1295. Kudryavtseva, N., Soomere, T. Multi-mission satellite altimetry shows changes in extreme wave heights over the Baltic Sea and their connection to the NAO and AO climatic indice // *2019 European Space Agency Living Planet Symposium*. [S.l.] : ESA, 2019. [1] p.
1296. Kudryavtseva, N., Soomere, T. Non-stationary modeling reveals strong connection between extreme water level changes and NAO along the Baltic Sea coast // *Abstracts : [BSSC 2019]*. [Stockholm] : [Stockholm University Baltic Sea Centre], [2019]. p. 111.
1297. Kumar, A., Usmani, Z., Ahirwal, J., - Tripti, Rani, P. Phytomanagement of chromium contaminated brown fields // *Phytomanagement of polluted sites : Market opportunities in sustainable phytoremediation*. Amsterdam : Elsevier, 2019. p. 447-469.
1298. Kurik, L. Uuendused Tallinna Tehnikaülikooli füüsika õppelaborites // *Elektriala* (2019) 7, lk. 10-11.
1299. Kurik, L., Sinivee, V. Eesti pühakodade kivimüüride niiskuskahjustused ja sooldumine // *Pühakodade säilitamine ja areng 2014-2018*. Tallinn : Muinsuskaitseamet, 2019. lk. 35-41 : ill.
1300. Kusumahastuti, D.K.A., Sihtmäe, M., Gathergood, N., Kahru, A. Antibacterial activity of 24 L-phenylalanine derived surface-active ionic liquids (SAILs) towards two clinically relevant pathogens // *Journal of international scientific publications : ecology & safety* (2019) vol. 13, p. 16-28 : ill.
1301. Kusumahastuti, D.K.A., Sihtmäe, M., Kapitanov, I., Karpichev, Y., Gathergood, N., Kahru, A. Toxicity profiling of 24 l-phenylalanine derived ionic liquids based on pyridinium, imidazolium and cholinium cations and varying alkyl chains using rapid screening *Vibrio fischeri* bioassay // *Ecotoxicology and environmental safety* (2019) vol. 172, p. 556-565 : ill.
1302. Kõrge, K., Laos, K. The influence of different packaging materials and atmospheric conditions on the properties of pork rinds // *Journal of Applied Packaging Research* (2019) vol. 11, 3, art. 1, 11 p. : ill.
1303. Laasmaa, M., Karro, N., Birkedal, R., Vendelin, M. IOCBIO Sparks detection and analysis software // *Biophysical journal* (2019) vol. 116, 3, art. 1900-Pos ; p. 384a.

1304. Laasmaa, M., Branovets, J., Karro, N., Birkedal, R., Vendelin, M. The absence of active creatine kinase system influences cardiac calcium handling // *Biophysical journal* (2019) Vol. 116, 3, Poster 484; p. 96a.
1305. Laasmaa, M., Karro, N., Birkedal, R., Vendelin, M. IOC BIO Sparks detection and analysis software // *PeerJ* (2019) vol. 7, art. e6652, 28 p. : ill.
1306. Laasmaa, M., Lu, P., Veletić, M., Vendelin, M. et al. Energy-efficiency of cardiomyocyte stimulation with rectangular pulses // *Scientific reports* (2019) vol. 9, 1, art. 13307, p. 1–9.
1307. Lainela, S. The influence of the Major Baltic Inflows on the sub-halocline pH variability // Abstracts : [BSSC 2019]. [Stockholm] : [Stockholm University Baltic Sea Centre], [2019]. p. 206.
1308. Lambert, J.-P., Picaud, S., Fujisawa, T., Uusküla-Reimand, L. et al. Interactome rewiring following pharmacological targeting of BET bromodomains // *Molecular cell* (2019) vol. 73, 3, p. 621-638.e17 : ill.
1309. Larin, A. Synthesis of different α -naphthols and dearomatization [Online resource] // Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid]. Tartu : Tartu Ülikool, 2019. 1 p.
1310. Larin, A., Paju, A., Lopp, M. Erinevate α -naftoolide süntees ja dearomatiseerimine // XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid. Tallinn : Eesti Keemiaselts, 2019. lk. 21 : ill.
1311. Latalowa, M., Swieta-Musznicka, J., Slowinski, M., Stivrins, N. et al. Abrupt alnus population decline at the end of the first millennium CE in Europe - The event ecology, possible causes and implications // *The Holocene* (2019) vol. 29, 8, p. 1335-1349 : ill.
1312. Leibak, A. Michailichenko group of matrices over skew-fields // *Математицки весник = Matematički Vesnik* (2019) vol. 71, 1-2, p. 155-161.
1313. Li, J., Jacobs, A., Hitch, M. Direct aqueous carbonation on olivine at a CO₂ partial pressure of 6.5 MPa // *Energy* (2019) vol. 173, p. 902-910 : ill.
1314. Liang, Y., Bernardo, J., Goldman, D., Nölvak, J., Tang, P., Wang, W., Hints, O. Morphological variation suggests that chitinozoans may be fossils of individual microorganisms rather than metazoan eggs // *Proceedings of the Royal Society B: Biological Sciences* (2019) vol. 286, 1908, art. 20191270, 8 p. : ill.
1315. Liang, Y., Nölvak, J., Hints, O. Early diversification of chitinozoans on Baltica : new data from northern Estonia and Latvia // 13th International Symposium on the Ordovician System : Novosibirsk, Russia (July 19-22, 2019) : contributions. Novosibirsk : Publishing House of SB RAS, 2019. p. 119-120.
1316. Liblik, T., Lips, U. Stratification has strengthened in the Baltic Sea - an analysis of 35 years of observational data [Online resource] // *Frontiers in earth science* (2019) vol. 7, art. 174, 15 p. : ill.
1317. Liblik, T., Stoicescu, S.-T., Laanemets, J., Samlas, O., Kuprijanov, I., Buschmann, F., Lips, U. Synoptic scale assessment of oxygen depletion in the Gulf of Finland // Abstracts : [BSSC 2019]. [Stockholm] : [Stockholm University Baltic Sea Centre], [2019]. p. 207.
1318. Liblik, T., Väli, G., Künnis-Beres, K., Lilover, M.-J., Lips, I. Winter re-stratification events and their consequences in the NE Baltic Sea // Abstracts : [BSSC 2019]. [Stockholm] : [Stockholm University Baltic Sea Centre], 2019. p. 208.
1319. Liiv, M., Alliksaar, T., Amon, L., Freiberg, R., Heinsalu, A., Reitalu, T., Saarse, L., Seppä, H., Stivrins, N., Tönno, I., Vassiljev, J., Veski, S. Late glacial and early Holocene climate and environmental changes in the eastern Baltic area inferred from sediment C/N ratio // *Journal of paleolimnology* (2019) vol. 61, 1, p. 1-16 : ill.
1320. Lips, I., Lind, K. The first overview of the microplastic pollution in the Estonian waters in the Gulf of Finland, Baltic Sea // Abstracts : [BSSC 2019]. [Stockholm] : [Stockholm University Baltic Sea Centre], 2019. p. 293.
1321. Lips, U., Liblik, T., Suhhova, I., Lilover, M.-J., Laanemets, J. Linking the development of stratification with the variability of velocity profiles in the Gulf of Finland // Abstracts : [BSSC 2019]. [Stockholm] : [Stockholm University Baltic Sea Centre], [2019]. p. 154.

1322. Lips, U., Lips, I., Stoicescu, S-T., Attila, J., Rehder, G. High-frequency automated observing systems to meet the monitoring and assessment needs in the Baltic Baltic Sea // Abstracts : [BSSC 2019]. [Stockholm] : [Stockholm University Baltic Sea Centre], [2019]. p. 20.
1323. Lopp, A., Reintamm, T., Kuusksalu, A., Olsper, A., Kelve, M. Identification of a novel member of 2H phosphoesterases, 2',5'-oligoadenylate degrading ribonuclease from the oyster *Crassostrea gigas* // *Biochimie* (2019) vol. 156, p. 181-195 : ill.
1324. Lopp, M. Eesti Keemiaselts 100 // XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid. Tallinn : Eesti Keemiaselts, 2019. lk. 1.
1325. Lopusanskaja, E. Dearomatization of phenols: electrophilic substitution versus addition and ether formation // Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid]. Tartu : Tartu Ülikool, 2019. 1 p.
1326. Lopusanskaja, E., Lopp, M. Fenoolide dearomatiseerimine : elektrofiilne asendus versus elektrofiilne liitumine // XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid. Tallinn : Eesti Keemiaselts, 2019. lk. 23 : ill.
1327. Lu, P., Veletić, M., Laasmaa, M., Vendelin, M. et al. Multi-nodal nano-actuator pacemaker for energy-efficient stimulation of cardiomyocytes // *Nano Communication Networks* (2019) vol. 22, dec., art. 100270, 11 p. : ill.
1328. Ludvig, M-L., Peterson, A., Martõnova, J., Aav, R., Adamson, J. Oksakaliks[4]areeni derivaatide süntees // XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid. Tallinn : Eesti Keemiaselts, 2019. lk. 24 : ill.
1329. Łukasz, B., Słaby, E., Wirth, R., Lepland, A. et al. Archaean phosphates: a case study of transformation processes in apatite from the Barberton greenstone belt // *Contributions to mineralogy and petrology* (2019) vol. 174, 25 p. : ill.
1330. Lytle, M., Hitch, M. Miners and mendicants : a cautionary tale // *The Extractive industries and society* (2019) vol. 6, 2, p. 498-503 : tab.
1331. Maljutenko, I., Raudsepp, U. Long-term mean, interannual and seasonal circulation in the Gulf of Finland - The wide salt wedge estuary or gulf type ROFI // *Journal of marine systems* (2019) vol. 195, p. 1-19 : ill.
1332. Mamardashvili, G., Maltceva, O., Lazovskiy, D., Khodov, I., Borovkov, V. et al. Medium viscosity effect on fluorescent properties of Sn(IV)-tetra(4-sulfonatophenyl)porphyrin complexes in buffer solutions // *Journal of Molecular Liquids* (2019) vol. 277, p. 1047-1053 : ill.
1333. Mandel, A., Zekker, I., Jaagura, M., Tenno, T. Enhancement of anoxic phosphorus uptake of denitrifying phosphorus removal process by biomass adaption // *International journal of environmental science and technology* (2019) vol. 16, p. 5965-5978 : ill.
1334. Martins, J. E., Ruigrok, E., Draganov, D., Soosalu, H. et al. Imaging Torfajökull's magmatic plumbing system with seismic interferometry and phase velocity surface wave tomography // *Journal of Geophysical Research Solid Earth* (2019) vol. 124, 3, p. 2920-2940 : ill.
1335. Martõnova, J., Kaabel, S., Šubin, K., Adamson, J., Aav, R. Poorsete metall-orgaaniliste võrgustike monokristallide püsivuse uurimine solvendivahetusel // XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid. Tallinn : Eesti Keemiaselts, 2019. lk. 25 : ill.
1336. Maser, A., Peebo, K., Nahku, R. Avoiding amino acid depletion in a complex medium results in improved *Escherichia coli* BW25113 growth // *Microbiology* (2019) vol. 165, 1, p. 37-46 : ill.
1337. Mažeika, J., Petrošius, R., Skuratovič, Ž., Martma, T.; Liblik, T. et al. Tritis ir vandens stabilus izotopai baltijos juroje 2016-2017 metais // 12-oji nacionalinė jūros mokslų ir technologijų konferencija : Jūros ir krantų tyrimai 2019, 2019 gegužės 9-10d., Klaipėda. Klaipėda : Klaipedos universitetas, 2019. p. 125-128.
1338. Matt, L., Parve, J., Parve, O. et al. Novel biobased alternatives to conventional polymers // *Frontiers in Organic Synthesis : Dedicated to the 70th birthday of Professor Margus Lopp*, Tallinn, 15th November 2019. [Tallinn] : [Tallinna Tehnikaülikool], 2019. p. 7.
1339. McStay, N., Reilly, A.M., Gathergood, N., Kellett, A. Efficient DNA condensation by a C3-symmetric codeine scaffold // *ChemPlusChem* (2019) vol. 84, 1, p. 38-42 : ill.

1340. Meier, H.E.M., Eilola, K., Almroth-Rosell, E., Väli, G. et al. Disentangling the impact of nutrient load and climate changes on Baltic Sea hypoxia and eutrophication since 1850 // *Climate dynamics* (2019) vol. 53, 1-2, p. 1145-1166 : ill.
1341. Mekki, F., Zhang, L.-J., Vinn, O., Toom, U. et al. Middle Jurassic Zoophycos and Chondrites from the Mélah Formation of Saharan Atlas, Algeria // *Estonian journal of earth sciences* (2019) vol. 68, 4, p. 190-198 : ill.
1342. Metsala, A., Kaasik, M., Kanger, T., Lopp, M. Halogeenside võib võimendada kaugete aatomite interaktsioone // *XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid*. Tallinn : Eesti Keemiaselts, 2019. lk. 28.
1343. Molaiyan, P., Witter, R. Crystal phase and surface defect driven synthesis of $Pb_{1-x}Sn_xF_2$ solid solution electrolyte for fluoride ion batteries // *Journal of electroanalytical chemistry* (2019) vol. 845, p. 154-159.
1344. Molaiyan, P., Witter, R. Mechanochemical synthesis of solid-state electrolyte $Sm_{1-x}Ca_xF_3-x$ for batteries and other electrochemical devices // *Materials letters* (2019) vol. 244, 1, p. 22-26.
1345. Molaiyan, P., Witter, R. Surface defect-enhanced conductivity of calcium fluoride for electrochemical applications // *Material design & processing communications* (2019) vol. 1, 4, art. e44, 10 p. : ill.
1346. Morone, P., Koutinas, A., Gathergood, N. et al. Food waste: challenges and opportunities for enhancing the emerging bio-economy // *Journal of cleaner production* (2019) vol. 221, p. 10-16.
1347. Murre, A., Erkman, K., Kaabel, S., Järving, I., Kanger, T. Diastereoselective [2,3]-sigmatropic rearrangement of N-allyl ammonium ylides // *Synthesis* (2019) vol. 51, 22, p. 4183-4197.
1348. Murre, A., Erkman, K., Kanger, T. N-allüülammooniumüliidide Stevensi [2,3]-ümberasetusreaktsioon // *XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid*. Tallinn : Eesti Keemiaselts, 2019. lk. 29 : ill.
1349. Murre, A., Erkman, K., Kanger, T. Stevens [2,3]-rearrangement of N-allyl ammonium ylides // *Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid]*. Tartu : Tartu Ülikool, 2019. 1 p.
1350. Mäkinen, M., Kuuskeri, J., Laine, P., Smolander, O-P. et al. Genome description of *Phlebia radiata* 79 with comparative genomics analysis on lignocellulose decomposition machinery of phlebioid fungi // *BMC genomics* (2019) vol. 20, art. 430, 22 p. : ill.
1351. Männikus, R., Soomere, T. Kudryavtseva, N. Identification of mechanisms that drive water level extremes from in situ measurements in the Gulf of Riga during 1961-2017 // *Continental shelf research* (2019) vol. 182, 1, p. 22-36.
1352. Märss, T. Silurian cyathaspidid heterostracans of Northern Eurasia // *Estonian journal of earth sciences* (2019) vol. 68, 3, p. 113-146 : ill.
1353. Möller, L., Laas, P., Rogge, A., Goetz, F. et al. Sulfurimonas subgroup GD17 cells accumulate polyphosphate under fluctuating redox conditions in the Baltic Sea : possible implications for their ecology // *The ISME journal* (2019) vol. 13, 2, p. 482-493 : ill.
1354. Nagai, S., Chen, H., Kawakami, Y., Yamamoto, K., Sildever, S. et al. Monitoring of the toxic dinoflagellate *Alexandrium catenella* in Osaka Bay, Japan using a massively parallel sequencing (MPS)-based technique // *Harmful Algae* (2019) vol. 89, art. 101660, 13 p. : ill.
1355. Najafzadeh F., Kudryavtseva, N., Soomere, T. Baltic Sea wave climate variability and its connection with climatic indices deduced from Empirical Orthogonal Functions // *Abstracts : [BSSC 2019]. [Stockholm] : [Stockholm University Baltic Sea Centre], [2019]. p. 125.*
1356. Narva, T., Aav, R., Tamm, T. Tsükloheksanopoolkukurbituriilide moodustumise mehhanism // *XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid*. Tallinn : Eesti Keemiaselts, 2019. lk. 30.
1357. Nguyen, T. P., Parnell, K. E. Coastal land use planning in Ben Tre, Vietnam : constraints and recommendations // *Heliyon* (2019) vol. 5, 4, art. e01487, 21 p. : ill.
1358. Niidu, A. A potential route towards new methods for extracting value from shale oil side stream // *Oil shale* (2019) vol. 36, 2S, p. 128-141 : ill.

1359. Niidu, A., Kaldas, K., Grenman, H., Eränen, K., Preegel, G., Salmi, T., Lopp, M. Kerogeeni oksüdatiivne lahustamine vees // XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid. Tallinn : Eesti Keemiaselts, 2019. lk. 31 : ill.
1360. Nõlvak, J., Liang, Y., Hints, O. Early diversification of Ordovician chitinozoans on Baltica : New data from the Jägala waterfall section, northern Estonia // *Palaeogeography, palaeoclimatology, palaeoecology* (2019) vol. 525, p. 14-24 : ill.
1361. Nygard, H., Lindegarth, M., Darr, A., Lips, I. et al. Development of benthic monitoring strategies in the Baltic Sea // Abstracts : [BSSC 2019]. [Stockholm] : [Stockholm University Baltic Sea Centre], [2019]. p. 309.
1362. Orru, M. Kooliõpilased uurivad geoloogia instituudis turvast // *Mente et Manu* (2019) 4, lk. 52-53.
1363. Osadchuk, I. Mono-tsinkporfüriinide CD spektrite arvutuslik simuleerimine // XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid. Tallinn : Eesti Keemiaselts, 2019. lk. 33 : ill.
1364. Osadchuk, I., Aav, R., Clot, E. Induced circular dichroism in zinc porphyrin complexes // 1st International Conference on Noncovalent Interactions (ICNI 2019), 2-6 September, 2019 : program. [Lisbon], 2019. poster 31, p. 34.
1365. Pacocha, N., Scheler, O., Nowak, M. M. et al. Direct droplet digital PCR (dddPCR) for species specific, accurate and precise quantification of bacteria in mixed samples // *Analytical methods* (2019) vol. 11, 44, p. 5655-5738 : ill.
1366. Paiste, T., Meidla, T., Männik, P., Nõlvak, J. Clarifying Haljala Stage in Estonia // 13th International Symposium on the Ordovician System, July 19-22, 2019. Novosibirsk : Publishing House of SB RAS, 2019. p. 149-150.
1367. Pajusalu, L., Dupont, S., Lainela, S., Martin, G. Ocean acidification research in Estonia: challenges and opportunities // *Proceedings of the Estonian Academy of Sciences* (2019) vol. 68, 1, p. 22-31 : ill.
1368. Parnell, K., Soomere, T. Coastal processes and changing process drivers in the Baltic Sea : What communities and local policy makers need to know // Abstracts : [BSSC 2019]. [Stockholm] : [Stockholm University Baltic Sea Centre], [2019]. p. 344.
1369. Part, N., Viiard, E., Jaagura, M., Adamberg, S., Adamberg, K. Isothermal microcalorimetry as an innovative in vitro approach for assessing the effect of food fibres on human gut microbiome // 5th Central and Eastern European Conference on Thermal Analysis and Calorimetry & 14th Mediterranean Conference on Calorimetry and Thermal Analysis, 27-30 August 2019, Roma, Italy: CEEC-TAC5 & Medicta2019 : book of abstracts. Greifswald : Central and Eastern European Committee for Thermal Analysis and Calorimetry (CEEC-TAC), 2019. p. 221.
1370. Pascual, R., Román, M., Hitch, M. et al. Reducing mining footprint by matching haul fleet demand and route-oriented tire types // *Journal of cleaner production* (2019) vol. 227, p. 645-651.
1371. Paula, R. G.; Antoniêto, A. C. C., Gupta, V. K. et al. Engineered microbial host selection for value-added bioproducts from lignocellulose // *Biotechnology Advances* (2019) vol. 37, 6, art. 107347, 18 p. : ill.
1372. Peets, T., Tamm, K., Simson, P., Engelbrecht, J. On solutions of a Boussinesq-type equation with displacement-dependent nonlinearity: A soliton doublet to the memory of Alexander Samsonov // *Wave motion* (2019) Vol. 85, p. 10-17.
1373. Pelinovsky, E., Talipova, T., Didenkulova, I., Didenkulova, E. Interfacial long traveling waves in a two-layer fluid with variable depth // *Studies in applied mathematics* (2019) vol. 142, 4, p. 513-527.
1374. Pentinmikko, N., Iqbal, S., Mana, M., Smolander, O.-P. et al. Notum produced by Paneth cells attenuates regeneration of aged intestinal epithelium // *Nature* (2019) 571, p. 398-402, [12] p. : ill.
1375. Peterson, A., Kaasik, M., Metsala, A., Järving, I., Adamson, J., Kanger, T. Tunable chiral triazole-based halogen bond donors : assessment of donor strength in solution with nitrogen-containing acceptors // *RSC advances* (2019) vol. 9, 21, p. 11718-11721 : ill.
1376. Ping, K., Alam, M., Käärrik, M., Leis, J., Kongi, N., Järving, I., Starkov, P. Surveying iron-organic framework TAL-1-derived materials in ligandless heterogeneous oxidative catalytic transformations of alkylarenes // *Synlett* (2019) vol. 30, p. 1536-1540 : ill.

1377. Ping, K., Brascinsky, A., Alam, M., Bhadoria, R., Mikli, V., Mere, A., Starkov, P. et al. Fused hybrid linkers for metal-organic frameworks-derived bifunctional oxygen electrocatalysts : [version 1.0] [Online resource] // ChemRxiv (2019) 10 p., S16 p. : ill.
1378. Ping, K., Brascinsky, A., Alam, M., Bhadoria, R., Mikli, V., Mere, A., Starkov, P. et al. Fused hybrid linkers for metal-organic frameworks-derived bifunctional oxygen electrocatalysts : [version 2.0] [Online resource] // ChemRxiv (2019) 10 p., S17 p. : ill.
1379. Pohle, A., Klug, C., Toom, U., Kröger, B. Conch structures, soft-tissue imprints and taphonomy of the Middle Ordovician cephalopod *Tragoceras falcatum* from Estonia // Fossil Imprint (2019) vol. 75, 1, p. 70-78 : ill.
1380. Polikarpus, M., Pärn, J. Studying the water regime of the Baltic Oil Shale Basin with the new Virumaa groundwater flow model // Yearbook 2018 / Geological Survey of Estonia. Rakvere : Geological Survey of Estonia, 2019. p. 35-36 : ill., map.
1381. Polikarpus, M., Pärn, J. Uue Virumaa põhjavee mudeli rakendamise põlevkivibasseini veerežiimi uurimiseks // Aastaraamat 2018 / Eesti Geoloogiateenistus. Rakvere : Eesti Geoloogiakeskus, 2019. lk. 35-36 : ill., kaart.
1382. Popov, L. E., Álvaro, J. J., Holmer, L. E., Bauert, H., Hints, O., Männik, P. et al. Glendonite occurrences in the Tremadocian of Baltica : first Early Palaeozoic evidence of massive Ikaite precipitation at temperate latitudes // 13th International Symposium on the Ordovician System : Novosibirsk, Russia (July 19-22, 2019) : contributions. Novosibirsk : Publishing House of SB RAS, 2019. p. 161-162.
1383. Popov, L., Alvaro, J., Holmer, L., Bauert, H., Hints, O., Männik, P. et al. Glendonite occurrences in the Tremadocian of Baltica: first Early Palaeozoic evidence of massive ikaite precipitation at temperate latitudes // Scientific reports (2019) vol. 9, art. 7205 ; 10 p.: ill.
1384. Prateeksha, Singh, B. R., Gupta, V. K. Deeba, F., Gathergood, N. et al. Non-toxic and ultra-small biosilver nanoclusters trigger apoptotic cell death in fluconazole-resistant *Candida albicans* via Ras signaling // Biomolecules (2019) vol. 9, 2, art. 47, 23 p. : ill.
1385. Prateeksha, Yusuf, M. A., Singh, B. N., Sudheer, S., Gupta, V. K et al. Chrysophanol : a natural anthraquinone with multifaceted biotherapeutic potential // Biomolecules (2019) vol. 9, 2, art. 68, 24 p. : ill.
1386. Prigorchenko, E. Kaabel, S., Narva, T., Baškir, A., Fomitšenko, M., Adamson, J., Järving, I., Rissanen, K., Tamm, T., Aav, R. Formation and trapping of the thermodynamically unfavoured inverted-hemicucurbit[6]uril // Chemical communications (2019) vol. 55, 63, p. 9307–9310 : ill.
1387. Prigorchenko, E., Ustrnul, L., Borovkov, V., Aav, R. Heterocomponent ternary supramolecular complexes of porphyrins: a review // Journal of porphyrins and phthalocyanines (2019) vol. 23, 11-12, p. 1308-1325 : ill.
1388. Pöldemaa, K., Lipp, M., Järving, I., Samel, N., Eek, P. Gly188Arg substitution eliminates substrate inhibition in arachidonate 11R-lipoxygenase // Biochemical and biophysical research communications (2019) vol. 519, 1, p. 81-85 : ill.
1389. Pärn, J., Raidla, V., Ivask, J., Kaup, E., Martma, T., Vaikmäe, R. et al. Dating of glacial palaeogroundwater in the Ordovician-Cambrian aquifer system, northern Baltic Artesian Basin // Applied geochemistry (2019) vol. 102, p. 64-76 : ill.
1390. Raevskaja, E., Hints, O. Acritarchs from the Middle and Upper Ordovician of Estonia and their stratigraphic implications // 13th International Symposium on the Ordovician System : Novosibirsk, Russia (July 19-22, 2019) : contributions. Novosibirsk : Publishing House of SB RAS, 2019. p. 165-168 : ill.
1391. Raidla, V., Kaup, E., Hade, S., Ivask, J., Soesoo, A. Geochemical processes controlling ionic composition of water in the catchments of lakes Saana and Saanalampi in the Kilpisjärvi area of North Scandinavia // Geosciences (2019) vol. 9, 4, art. 174, 18 p. : ill.
1392. Raidla, V., Pärn, J., Aeschbach-Hertig, W., Czuppon, G., Ivask, J. et al. Intrusion of saline water into a coastal aquifer containing palaeogroundwater in the Viimsi Peninsula in Estonia // Geosciences (2019) vol. 9, 1, art. 47, 25 p. : ill.
1393. Raidla, V., Pärn, J., Schloemer, S., Aeschbach, V., Czuppon, G., Ivask, J., Marandi, A., Sepp, H., Vaikmäe, R., Kirsimäe, K. Origin and formation of methane in groundwater of glacial origin

- from the Cambrian-Vendian aquifer system in Estonia // *Geochimica et cosmochimica acta* (2019) vol. 251, p. 247-264 : ill.
1394. Rajendran, J., Purhonen, J., Tegelberg, S., Smolander, O-P. et al. Alternative oxidase-mediated respiration prevents lethal mitochondrial cardiomyopathy // *EMBO Molecular Medicine* (2019) vol. 11, 1, art. e9456, 19 p. : ill.
1395. Rakisheva, Z., Kudryavtseva, N.; Kussembayeva, K.; Sakhayeva, A. Studying the change of average waves of the Caspian Sea using the altimetry data // *Journal of mathematics, mechanics and computer science* (2019) vol. 101, 1, p. 59-75 : ill.
1396. Ramasamy, K., Telatin, A., Mozzicafreddo, M. et al. Draft genome sequence of a new *Pseudomonas* sp. strain, efl, associated with the psychrophilic Antarctic Ciliate *Euplotes focardii* // *Microbiology resource announcements* (2019) vol. 8, 41, art. e00867-19, 2 p.
1397. Rammul, Ü., Põllupüü, K. Pisiimetajate lumealune maailm // *Eesti Loodus* (2019) 2, lk. 30-31.
1398. Ratas, M. Numerical solution of PDE-s using haar wavelet based methods // 24th International Conference on Mathematical Modelling and Analysis : May 28-31, 2019, Tallinn, Estonia : abstracts. [Tallinn] : Institute of Cybernetics, Tallinn University of Technology, 2019. p. 62.
1399. Raudsepp, U., Maljutenko, I., Kõuts, M., Granhag, L. et al. Shipborne nutrient dynamics and impact on the eutrophication in the Baltic Sea // *Science of the total environment* (2019) vol. 671, p. 189-207 : ill.
1400. Raukas, A. Dmitri Kvasov, the forgotten eminent encyclopaedist, and palaeolimnology // *Acta Baltica historiae et philosophiae scientiarum* (2019) vol. 7, 1, p. 109-120 : ill, map.
1401. Raukas, A., Valdma, M. Eesti varustamisest elektriga // *Elektriala* (2019) 1, lk. 14-15 : fot.
1402. Reintamm, T., Aas-Valleriani, N., Kelve, M. Evolutionary distribution of deoxynucleoside 5-monophosphate N-glycosidase, DNPH1 // *Gene* (2019) vol. 683, p. 1-11.
1403. Reintamm, T., Vallmann, K., Kolk, K., Pärt, M., Lopp, A., Nele Aas-Valleriani, N., Kelve, M. Cloning and expression of ATP N-glycosidase from the freshwater sponge *Ephydatia muelleri* // *Biochimie* (2019) vol. 158, p. 126-129.
1404. Reitalu, T., Bjune, A. E., Blaus, A., Giesecke, T. Et al. Patterns of modern pollen and plant richness across northern Europe // *Journal of ecology* (2019) vol. 107, 4, p. 1662-1677 : ill.
1405. Rendón de la Torre, S., Kalda, J. Review of structures and dynamics of economic complex networks: large scale payment network in Estonia // *Modern and interdisciplinary problems in network Science : A translational research perspective*. Boca Raton : CRC Press, 2019. p. 193-226.
1406. Rendón de la Torre, S., Kalda, J., Kitt, R., Engelbrecht, J. Detecting overlapping community structure : Estonian network of payments // *Proceedings of the Estonian Academy of Sciences* (2019) vol. 68, 1, p. 79-88 : ill.
1407. Rendón de la Torre, S., Kalda, J., Kitt, R. Specific statistical properties of the strength of links and nodes of the Estonian network of payments // *Proceedings of the Estonian Academy of Sciences* (2019) vol. 68, 3, p. 235-243 : ill.
1408. Richardson, J. A., Keating, C., Lepland, A., Hints, O. et al. Silurian records of carbon and sulfur cycling from Estonia : The importance of depositional environment on isotopic trends // *Earth and planetary science letters* (2019) vol. 512, p. 71-82 : ill.
1409. Rikka, S., Uiboupin, R., Kõuts, T., Vahter, K., Pärt, S. A method for significant wave height estimation from circularly polarized X-Band coastal marine radar images // *IEEE Geoscience and Remote Sensing Letters* (2019) vol. 16, 6, p. 844-848 : ill.
1410. Rooda, I., Kaselt, B., Salumets, A., Velthut-Meikas, A. MicroRNAs expressed from FSHR and aromatase genes target important ovarian functions [Online resource] // *BioRxiv* (2019) 38 p. : ill.
1411. Roots, K., Rukavitsõna, E., Smirnova, O., Kasak, L., Spuul, P. et al. *Helicobacter pylori* induces alterations in liver cell signaling // *Helicobacter*, Special Issue: The Year in *Helicobacter*. XXXII International Workshop on *Helicobacter* & Microbiota in Inflammation & Cancer, Innsbruck, Austria, 5-7 September 2019 (2019) vol. 24, S1, e12647, p. 58.
1412. Rosenberg, M., Ilic, K., Juganson K. et al. Potential ecotoxicological effects of antimicrobial surface coatings : a literature survey backed up by analysis of market reports // *PeerJ* (2019) vol. 7, art. e6315 ; 34 p.

1413. Rosenberg, M., Azevedo, N. F., Ivask, A. Propidium iodide staining underestimates viability of adherent bacterial cells // *Scientific reports* (2019) vol. 9, art. 6483, 12 p. : ill.
1414. Rosend, J., Kuldjärv, R., Arju, G., Nisamedtinov, I. Yeast performance characterisation in different cider fermentation matrices // *Agronomy research* (2019) vol. 17, 5, p. 2040-2053 : ill.
1415. Rosend, J., Kuldjärv, R., Rosenvald, S., Paalme, T. The effects of apple variety, ripening stage, and yeast strain on the volatile composition of apple cider // *Heliyon* (2019) vol. 5, 6, art. e01953, 7 p. : ill.
1416. Runno-Paurson, E., Tähtjärv, T., Tönismann, K., Peuša, H., Tsahkna, A., Jakobson, I., Järve, K. et al. Foliar resistance to the late blight pathogen *Phytophthora infestans* (Mont.) de Bary in a backcross of potato (*Solanum tuberosum* L.) cultivar Ando // *Acta agriculturae Scandinavica. Section B, Soil and plant science* (2019) vol. 69, 7, p. 631-640 : ill.
1417. Saar-Reismaa, P., Erme, E., Kulp, M., Gorbatšova, J., Kaljurand, M., Vaher, M., Mazina-Šinkar, J. Narkotestri arendamine narkootikumide tuvastamiseks süljes // XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid. Tallinn : Eesti Keemiaselts, 2019. lk. 27.
1418. Saar-Reismaa, P., Tretjakova, A., Mazina-Šinkar, J., Vaher, M., Kaljurand, M., Kulp, M. Rapid and sensitive capillary electrophoresis method for the analysis of Ecstasy in an oral fluid // *Talanta* (2019) vol. 197, p. 390-396 : ill.
1419. Saarse, L., Vassiljev, J. Tallinna sarase geoloogiast ja rannajoone muutustest Holotseenis // Muinas-Tallinna otsimas. [Tallinn] : Argo, 2019. lk. 90-105 : ill.
1420. Sadique, S. Scattering of acoustic and electromagnetic waves by flat screen // 24th International Conference on Mathematical Modelling and Analysis : May 28-31, 2019, Tallinn, Estonia : abstracts. [Tallinn] : Institute of Cybernetics, Tallinn University of Technology, 2019. p. 67.
1421. Salupere, A., Lints, M., Illison, L. Emergence of solitonic structures in hierarchical Korteweg-de Vries Systems // *Applied wave mathematics II : selected topics in solids, fluids, and mathematical methods and complexity*. Cham : Springer, 2019. p. 89-124. (Mathematics of planet Earth, vol. 6).
1422. Salupere, A., Rätsep, M. On solitonic solutions for the hyperelastic rod equation // *Wave motion* (2019) vol. 91, 8 p.
1423. Scarpa, G. M., Zaggia, L., Parnell, K., Soomere, T. et al. The effects of ship wakes in the Venice Lagoon and implications for the sustainability of shipping in coastal waters // *Scientific reports* (2019) vol. 9, art. 19014, 14 p. : ill.
1424. Schuckmann, K. von, Le Traon, P-Y. et al. (eds.); Aaboe, S., Aguiar, E., Kõuts, M., Lagemaa, P., Maljutenko, I., Raudsepp, U., Uiboupin, R. et al. Copernicus Marine Service Ocean State Report. Issue 3 // *Journal of Operational Oceanography* (2019) vol. 12, S1, S1-S123 : ill.
1425. Schwichtenberg, F., Lindenthal, A., Bruening, T., Maljutenko, I. et al. Recent developments of the biogeochemical CMEMS - Baltic Sea Forecast products // Abstracts : [BSSC 2019]. [Stockholm] : [Stockholm University Baltic Sea Centre], [2019]. p. 312.
1426. Sharma, S., Kour, D., Rana, K.L., Sudheer, S. et al. Trichoderma : biodiversity, ecological significances, and industrial application // *Recent advancement in white biotechnology through fungi. Volume 1. Diversity and enzymes perspectives*. Cham : Springer, 2019. p. 85-120. (Fungal biology).
1427. Sildever, S., Jerney, J., Kremp, A. et al. Genetic relatedness of a new Japanese isolates of *Alexandrium ostenfeldii* bloom population with global isolates // *Harmful Algae* (2019) vol. 84, p. 64-74 : ill.
1428. Sildever, S., Kawakami, Y., Kanno, N. et al. Toxic HAB species from the Sea of Okhotsk detected by a metagenetic approach, seasonality and environmental drivers // *Harmful Algae* (2019) vol. 87, art. 101631, 12 p. : ill.
1429. Sildever, S., Ribeiro, S., Neil, K. et al. Reconstructing salinity changes and environmental influence on dinoflagellate cysts in the central Baltic Sea since the late 19th century // *Estuarine, coastal and shelf science* (2019) vol. 219, p. 384-394.
1430. Silm, E., Kaabel, S., Järving, I., Kanger, T. Asymmetric organocatalytic Michael addition-cyclisation cascade of cyclopentane-1,2-dione with alkylidene malononitriles // *Synthesis* (2019) vol. 51, 22, p. 4198-4204.

1431. Silm, E., Kanger, T. Michael-addition/cyclization of cyclopentane-1,2-dione to alkylidenemalononitriles [Online resource] // Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid]. Tartu : Tartu Ülikool, 2019. 1 p.: ill.
1432. Silm, E., Kanger, T. Tsüklopentaan-1,2-diooni asümmeetriline organokatalüütiline Michaeli liitumise/tsükliiseerimise kaskaadreaktsioon alkülideenmalononitriilidele // XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid. Tallinn : Eesti Keemiaselts, 2019. lk. 38.
1433. Soesoo, A. Neli medalit rahvusvaheliselt maateaduste olümpiaadilt // Horisont (2019) 6, lk. 57-58.
1434. Soesoo, A. Riiklike geoloogiateenistuste osast ühiskonnas : Eesti Geoloogiateenistuse tegevussuunad // Virumaa maapäevapäev 2019 : [ettekanded]. Rakvere : Eesti Geoloogiateenistus, 2019. 17 l. : ill.
1435. Solola, G.T., Klopov, M., Akinami, J.O., Afolabi, T.A. et al. First principle calculations of structural, electronic, optical and thermoelectric properties of tin (II) oxide // Materials research express (2019) vol. 6, 12, art. 125915, 8 p. : ill.
1436. Soomer, S., Somelar, P., Mänd, K., Driese, S. G., Lepland, A., Kirsimäe, K. High-CO₂, acidic and oxygen-starved weathering at the Fennoscandian Shield at the Archean-Proterozoic transition // Precambrian research (2019) vol. 327, p. 68-80 : ill.
1437. Soomere, T. An attempt to classify brilliance // Applied wave mathematics II : selected topics in solids, fluids, and mathematical methods and complexity. Cham : Springer, 2019. p. XIX-XXI. (Mathematics of planet Earth, vol. 6).
1438. Soomere, T. Kolm x seitseteist minutit uut normaalsust // Teadus kolme minutiga : 2017-2019. [Tallinn] : Argo, 2019. lk. 232-239 : fot. (Elav teadus ; 21).
1439. Soomere, T. Läänemere rahutute rannikute põnevad saladused // Teadusmõte Eestis (X). Tehnikateadused. 3 : [artiklikogumik]. Tallinn : Argo, 2019. lk. 177-189 : ill., fot. (Teadusmõte Eestis ; 10).
1440. Soomere, T. Mereteaduste komisjon // Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2018. Tallinn : Eesti Teaduste Akadeemia, 2019. lk. 21-23. (Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae ; 24(51)).
1441. Soomere, T. Rahvusülikool ehk oksüümoron kuubis // Universitas Tartuensis : UT : Tartu Ülikooli ajakiri (2019) 11, lk. 12-13 : portr.
1442. Soomere, T. Teaduste akadeemia : kulu või konkurentsieelis // Riigikogu Toimetised (2019) 40, lk. 41-53.
1443. Soosalu, H.E. Inimtegevuse ja maapäevvärinate seismilised jäljed 2018. aastal // Aastaraamat 2018 / Eesti Geoloogiateenistus. Rakvere : Eesti Geoloogiateenistus, 2019. lk. 44-47 : ill.
1444. Soosalu, H.E. Seismic traces of human activities and Earth tremors in 2018 // Yearbook 2018 / Geological Survey of Estonia. Rakvere : Geological Survey of Estonia, 2019. p. 44-47 : ill.
1445. Spolaor, A., Barbaro, E., Burgay, F., Martma, T. et al. Degradation of the climate signal preserved in Svalbard ice. Have the high Svalbard ice fields reached a tipping point? // IUGG 2019 : abstract book. [S.l.] : International Union of Geodesy and Geophysics, 2019. [1] p., abstract: IUGG19-0417.
1446. Srivastava, N., Srivastava, M., Malhotra, B. D., Gupta, V. K. et al. Nanoengineered cellulosic biohydrogen production via dark fermentation : A novel approach // Biotechnology Advances (2019) vol. 37, 6, art. 107384, 13 p. : ill.
1447. Stewart, H., Olsper, A., Butt, B. G, Firth, A. E Propensity of a picornavirus polymerase to slip on potyvirus-derived transcriptional slippage sites // Journal of general virology (2019) vol. 100, 2, p. 199-205 : ill.
1448. Stinkulis, G., Pipira, D., Keipane, L., Vircava, I., Martma, T. Dolomitic palaeosols in a fluvial siliciclastic succession: Šķervēlis Formation, Uppermost Famennian to Mississippian, south-west Latvia // IAS 2019 : 34th International Association of Sedimentologists 2019 Meeting of Sedimentology, Rome, Italy, 10-13 September 2019. [S.l.] : IAS, 2019. 1 p.
1449. Stivrīnš, N., Aakala, T., Ilvonen, L. et al. Integrating fire-scar, charcoal and fungal spore data to study fire events in the boreal forest of northern Europe // The Holocene (2019) vol. 29, 9, 11 p. : ill.

1450. Stivrīnš, N., Cerina, A., Galka, M., Heinsalu, A., Veski, S. et al. Large herbivore population and vegetation dynamics 14,600-8300 years ago in central Latvia, northeastern Europe // *Review of palaeobotany and palynology* (2019) vol. 266, p. 42-51 : ill.
1451. Stivrīnš, N., Liiv, M., Brown, A., Banerjea, R.Y., Heinsalu, A., Veski, S. Investigating the impact of anthropogenic land use on a hemiboreal lake ecosystem using carbon/nitrogen ratios and coupled-optical emission spectroscopy // *Palaeogeography, palaeoclimatology, palaeoecology* (2019) vol. 518, p. 1-9 : ill.
1452. Stoicescu, S.-T.; Lips, U.; Liblik, T. Assessment of eutrophication status based on sub-surface oxygen conditions in the Gulf of Finland (Baltic Sea) [Online resource] // *Frontiers in marine science* (2019) vol. 6, art. 54, 16 p. : ill.
1453. Stulova, I., Orgusaar, K., Part, N., Viirard, E., Vilu, R. Fermentation of non-dairy milks by commercial starter cultures : microcalorimetric approach // 5th Central and Eastern European Conference on Thermal Analysis and Calorimetry & 14th Mediterranean Conference on Calorimetry and Thermal Analysis , 27-30 August 2019, Roma, Italy: CEEC-TAC5 & Medicta2019 : book of abstracts. Greifswald : Central and Eastern European Committee for Thermal Analysis and Calorimetry (CEEC-TAC), 2019. p. 220.
1454. Sulimov, M., Yakushev, M., Márquez-Prieto, J., Krustok, J. et al. Effects of selenisation temperature on photoluminescence and photoluminescence excitation spectra of ZnO/CdS/Cu₂ZnSnSe₄/Mo/glass // *Thin solid films* (2019) vol. 672, p. 146-151 : ill.
1455. Sulimov, M.A., Yakushev, M.V., Forbes, I., Krustok, J. et al. A PL and PLE study of high Cu content Cu₂ZnSnSe₄ films on Mo/Glass and solar cells // *Physics of the solid state* (2019) vol. 61, 5, p. 908-917.
1456. Sõmera, M., Truve, E., Sooväli, P. First report of wheat dwarf virus in winter wheat in Estonia // *Plant disease* (2019) vol. 103, 7, p. 1797.
1457. Šelkan, A., Klopov, M., Hižnjakov, V. Enhanced mobility of high-frequency discrete breathers in a monatomic chain with odd anharmonicity // *Physics letters A* (2019) Vol. 383, 16, p. 1893-1896 : ill.
1458. Šogenov, K., Šogenova, A. Cost-competitive and self-supporting geothermal energy, CO₂-EOR and CO₂ storage concept : case study of the E6 structure in the Baltic Sea // 14th Greenhouse Gas Control Technologies Conference Melbourne 21-26 October 2018 (GHGT-14). [S.l.] : SSRN, 2019. 8 p. : ill.
1459. Zhang, W., Didenkulova, I., Kurkina, O. et al. Internal solitary waves control offshore extension of mud depocenters on the NW Iberian shelf // *Marine geology* (2019) vol. 409, p. 15-30 : ill.
1460. Zhurbas, V., Väli, G., Kostianoy, A., Lavrova, O. Hindcast of the mesoscale eddy field in the Southeastern Baltic Sea: Model output vs satellite imagery // *Russian journal of earth sciences* (2019) vol. 19, 4, 17 p. : ill.
1461. Taal, K., Tuvikene, J., Rullinkov, G., Piirsoo, M., Sepp, M., Neuman, T., Tamme, R., Timmusk, T. Neuralized family member NEURL1 is a ubiquitin ligase for the cGMP-specific phosphodiesterase 9A // *Scientific reports* (2019) vol. 9, art. 7104, 12 p. : ill.
1462. Tamm, K., Engelbrecht, J., Peets, T. Temperature changes accompanying signal propagation in axons // *Journal of non-equilibrium thermodynamics* (2019) vol. 44, 3, p. 277-284 : ill.
1463. Teder, T., Samel, N., Lõhelaid, H. Distinct characteristics of the substrate binding between highly homologous catalase-related allene oxide synthase and hydroperoxide lyase // *Archives of biochemistry and biophysics* (2019) vol. 676, art. 108126, 10 p. : ill.
1464. Teras, J., Mägi, A., Teras, M., Pata, P. et al. Soft tissue cancer management : isolated limb infusion for sarcoma // *Visceral medicine* (2019) vol. 35, 6, p. 373-379 : ill.
1465. Tomberg, T., Järviste, R., Kirs, M., Strazdin, A., Eensoo, S. Laskemoonalao riskianalüüsi meetodika väljatöötamine fiktiivse lao näitel // *Sõjateadlane : Estonian journal of military studies* (2019) 11, lk. 58-80 : ill.
1466. Tonarová, P., Vodrážková, S., Hints, O., Männik, P., Kubajko, M., Frýda, J. Llandovery microfossils and microfacies of the Hýskov section, Prague Basin // *Fossil Imprint* (2019) vol. 75, 1, p. 25-43 : ill.
1467. Toom, U., Isakar, M., Hints, O., Madison, A., Vinn, O. Micro-coprolites inside Ordovician body fossils from Estonia // 13th International Symposium on the Ordovician System : Novosibirsk, Russia (July 19-22, 2019) : contributions. Novosibirsk : Publishing House of SB RAS, 2019. p. 211-213 : ill.

1468. Torsvik, T., Abdalazeez, A., Dutykh, D., Didenkulova, I. et al. Dispersive and nondispersive nonlinear long wave transformations: numerical and experimental results // *Applied wave mathematics II : selected topics in solids, fluids, and mathematical methods and complexity*. Cham : Springer, 2019. p. 41-60. (Mathematics of planet Earth, vol. 6).
1469. Trinajstić, K., Long, J.A., Ivanov, A., Mark-Kurik, E. A new genus of Ptyctodont (Placodermi) from the Late Devonian of Baltic area // *Palaeontologia electronica* (2019) art. 22.2.23, 19 p. : ill.
1470. Trubitsõn, D., Kanger, T. Enantioselective N-alkylation of indole derivatives [Online resource] // Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid]. Tartu : Tartu University, 2019. 1 p.
1471. Trubitsõn, D., Kudrjašova, M., Kanger, T. Indooli derivaatide enantioselektiivne N-alküleerimine // XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid. Tallinn : Eesti Keemiaselts, 2019. lk. 42 : ill.
1472. Truumees, B. Personaalse kopsuvähi ravi suunas : [noorteadlaste konkursi Teadus kolme minutiga ettekanne] // Teadus kolme minutiga : 2017-2019. [Tallinn] : Argo, 2019. lk. 118-121 : portr., ill. (Elav teadus ; 21).
1473. Tõnno, I., Nauts, K., Belle, S., Alliksaar, T. et al. Holocene shifts in the primary producer community of large, shallow European Lake Peipsi, inferred from sediment pigment analysis // *Journal of paleolimnology* (2019) vol. 61, p. 403-417 : ill.
1474. Urb, M., Anier, K., Matsalu, T., Koppel, I., Timmusk, T. et al. Glucocorticoid receptor stimulation resulting from early life stress affects expression of DNA methyltransferases in rat prefrontal cortex // *Journal of molecular neuroscience* (2019) vol. 68, p. 99-110 : ill.
1475. Ustrnul, L., Kaabel, S., Burankova, T., Martõnova, J., Konrad, N., Borovkov, V., Aav, R. et al. Supramolecular chirogenesis in zinc porphyrins by enantiopure hemicucurbit[n]urils (n=6, 8) // *Chemical communications* (2019) vol. 55, 96, p. 14434-14437 : ill.
1476. Utjés, D., Malmstedt, J., Teras, J. et al. 2-cm versus 4-cm surgical excision margins for primary cutaneous melanoma thicker than 2 mm: long-term follow-up of a multicentre, randomised trial // *The Lancet* (2019) vol. 394, 10197, p. 471-477.
1477. Vahter, K., Zaitseva-Pärnaste, I. Sea level network in Estonia and its applications in supporting marine science, hydrographic works and safety of navigation // [EUREF2019 abstracts]. [Tallinn] : [Maa-amet], 2019. p. [56].
1478. Vaikmäe, R. Eesti polaaruuringu komisjon // Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = *Annales Academiae Scientiarum Estonicae* : 2018. Tallinn : Eesti Teaduste Akadeemia, 2019. lk. 19-20. (Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = *Annales Academiae Scientiarum Estonicae* ; 24(51)).
1479. Vaikmäe, R. Groundwater flow history in the Baltic Artesian Basin (BAB) Synthesis of numerical models and hydrogeochemical data // *European Society for Isotope Research Isotope Workshop XV*, Lublin, Poland, June 23-27, 2019 : book of abstracts. Warsaw : Polish Geological Institute; National Research Institute, 2019. p. 23-25 : ill.
1480. Vaikmäe, R. Kirjeldavast teadusest täppisteaduseks // Eesti Geograafia Seltsi aastaraamat = Yearbook of the Estonian Geographical Society. 44. kd. Tallinn : Eesti Geograafia Selts, 2019. lk. 210-229 : ill. (Eesti Geograafia Seltsi aastaraamat ; 44).
1481. Vandenbroucke, T. R. A., Hints, O., Williams, M., Männik, P. et al. Chitinozoans and scolecodonts from the Silurian and Devonian of Japan // *Island Arc* (2019) vol. 28, 3, art. e12294, 13 p. : ill.
1482. Vene, K. Vähendada toidus suhkruisaldust ilma maitset muutmata - võimatu missioon? : [noorteadlaste konkursi Teadus kolme minutiga ettekanne] // Teadus kolme minutiga : 2017-2019. [Tallinn] : Argo, 2019. lk. 160-163 : ill. (Elav teadus ; 21).
1483. Veski, R., Veski, S. Aliphatic dicarboxylic acids from oil shale organic matter - historic review // *Oil shale* (2019) vol. 36, 1, p. 76-95 : phot.
1484. Vinn, O., Ernst, A., Wilson, M.A., Toom, U. Symbiosis of conulariids with trepostome bryozoans in the Upper Ordovician of Estonia (Baltica) // *Palaeogeography, palaeoclimatology, palaeoecology* (2019) vol. 518, p. 89-96 : ill.

1485. Vinn, O., Wilson, M. A., Toom, U. A crustoid graptolite lithoimmured inside a Middle Ordovician nautiloid conch from Northern Estonia // *Annales societatis geologorum Poloniae* (2019) vol. 89, 3, p. 285 - 290 : ill.
1486. Vinn, O., Wilson, M.A., Toom, U. Earliest Petroxestes borings from Sandbian (earliest late ordovician) bryozoans of Northern Estonia // *Palaios* (2019) vol. 34, 10, p. 453-457.
1487. Wang, X., Ni, W., Li, J., Zhang, S., Hitch, M., Pascual, R. Carbonation of steel slag and gypsum for building materials and associated reaction mechanisms // *Cement and Concrete Research* (2019) vol. 125, art. 105893, 12 p. : ill.
1488. Wolthers, K. C.; Susi, P., Jochmans, D., Palm, K. et al. Progress in human picornavirus research : New findings from the AIROPico consortium // *Antiviral research* (2019) vol. 161, p. 100-107 : ill.
1489. Yakushev, M. V., Sulimov, M. A., Márquez-Prieto, J., Krustok, J. et al. A luminescence study of Cu₂ZnSnSe₄/Mo/glass films and solar cells with near stoichiometric copper content // *Journal of physics D : applied physics* (2019) vol. 52, 5, art. 055502, 10 p. : ill.
1490. Yin, Zh., Xiong, Ch., Guo, J., Hu, X., Shan, Z., Borovkov, V. Highly chemoselective solvent-free synthesis of 1,3,5-triaryl-1,5- diketones: crystallographic investigation and intramolecular weak bifurcated H bonds involving aliphatic C-H group // *Synlett* (2019) vol. 30, p. 2143–2147.
1491. Yörük, C.R., Usta, M.C., Uibu, M., Kaljuvee, T., Trikkel, A. CO₂ mineralization by burnt oil shale and cement bypass dust: effect of operating temperature and pre-treatment // 2nd Journal of Thermal Analysis and Calorimetry Conference, Budapest, June 18-21, 2019 : book of abstracts. [S.I.] : AKCongress, 2019. p. 501.
1492. Габович, Б.Е., Веске, А., Дай, Ф., Колесников, Ю.А. Ассоциация генетического полиморфизма гуанозинтрифосфат циклогидролазы и катехол-О-метилтрансферазы с частотой появления хронической боли после операций // *Вестник анестезиологии и реаниматологии* (2019) Том 16, 5, с. 5–11.
1493. Гусев, Е.А., Молодьков, А.Н., Кузнецов, А.Б. et al. Опорные разрезы второй половины среднего неоплейстоцена енисейского севера // *Арктика и Антарктика* (2019) vol. 2, с. 112-125.
1494. Диденкулова, И. И., Пелиновский, Е.Н. Накат нелинейной монохроматической волны на плоский откос в присутствии прилива // *Океанология* (2019) Т. 59, 4, с. 529-532 : ил.

1495. Aday, S., Andžans, M., Berziņa-Čerenkova, U., Mölder, H. et al. Hybrid threats: a strategic communications perspective [Online resource]. [Riga] : NATO Strategic Communications Centre of Excellence, 2019. 119 p. : ill.
1496. Arm, M., Nyman-Metcalf, K. et al. e-Estonia. e-Governance in Practice : the 3rd updated edition. Tallinn : e-Governance Academy, c2019. 119 p. : ill.
1497. Batura, O., Bodewes, A., Haffner, R., Meindert, L., Pärn-Lee, E. et al. Study RDI State aid rules on the practical impact of : final report [Online resource]., : European Commission, c2019. 80 p. : ill.
1498. Bauwens, M., Kostakis, V., Pazaitis, A. Peer to peer : the commons manifesto. London : University of Westminster Press, 2019. 102 p. : ill. (Critical Digital and Social Media Studies ; 10).
1499. Calzati, S. Beyond the genre : approaching travel (and) writing through interviews with authors and bloggers unabridged edition. Newcastle : Cambridge Scholars Publishing, 2019. 246 p. : ill.
1500. Calzati, S. Phillip Lopate, una vita allo schermo : Riflessioni sul cinema da un maestro americano del personal essay. Milano : Mimesis, 2019. 284 p. (Cinema ; 78).
1501. Cruz, E., Falcao, R., Raats, R. Relatorio de Pesquisa : Perfil dos brasileiros na Estonia [Online resource]. Niterói : Universidade Federal Fluminense Faculdade de Administração e Ciências Contábeis, 2019. 16 p. : ill.
1502. Cuestas, J.C. On the evolution of competitiveness in Central and Eastern Europe: is it broken? [Online resource]. Tallinn : Eesti Pank, 2019. 32 lk., pdf : ill. (Working paper series / Eesti Pank ; 7/2019, Working papers of Eesti Pank ; 2019, No. 7).
1503. Drechsler, W. (ed.). Administrative culture = Halduskultuur = Административная культура = Verwaltungskultur = Hallintokulttuuri. [Tallinn] : Ragnar Nurkse School of Innovation and Governance, Tallinn University of Technology, 2019.
1504. Družinina, J. A sign-theoretic study of mental imagery = Kujutluse märgiteoreetiline käsitus. Tallinn : TalTech Press, 2019. 184 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 42/2019).
1505. Ehrlich, Ü., Hennies, M.O.E., Mäeltsemees, S., Raudjärvi, M. (toim.). Estonian discussions on economic policy : articles (CD-ROM) ; summaries ; chronicle = Estnische Gespräche über Wirtschaftspolitik : Beiträge (CD-ROM) ; Zusammenfassungen ; Chronik = Eesti majanduspoliitilised väitlused : artiklid (CD-ROM) ; kokkuvõtted ; kroonika. Vol. 27. Tallinn : Mattimar ; Berlin : Berliner Wissenschafts-Verlag, 2019
1506. Elbrecht, E., Juss, A., Kolbre, E., Teder, A., Tomson, A. (koost.). Vara hindamine. Osa 10, Andmete kogumine ja analüüs, vara ülevaatus [Võrguteavik] = Property valuation. Part 10, Data collection and analysis, property inspection. Tallinn : Eesti Standardikeskus, 2019. 1 võrguväljaanne (44 lk., pdf). (Eesti standard ; EVS 875-10:2019).
1507. Evas, T., Ballegoij, W. Common minimum standards of civil procedure : European Added Value Assessment. Luxembourg : European Parliamentary Research Service, 2019. iv, 35 p. : ill.
1508. Fischer, D.-H. Systemic stability and algorithm-based policy interventions = Süsteemi stabiilsus ja algoritmipõhised poliitikameetmed. Tallinn : TTÜ Press, 2019. 158 p. : map. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 15/2019).
1509. Gabbay, D., Magnani, L., Park, W., Pietarinen, A.-V. (eds.). Natural arguments : a tribute to John Woods. [London] : College Publications, 2019. 798 p. (Tributes ; 40).
1510. Giotitsas, C. Open source agriculture : grassroots technology in the digital era. Cham : Palgrave Macmillan, 2019. 144 p. (Palgrave advances in bioeconomy : economics and policies).
1511. Hoffmann, T., Makarychev, A. (eds.). Russia and the EU : spaces of interaction. London ; New York : Routledge, 2019. xiv, 253 p. : ill. (Studies in contemporary Russia).

1512. Hollebeek, L. D., Sprott, D. E. (eds.). Handbook of research on customer engagement. Cheltenham : Edward Elgar Publishing, c2019. xxiii, 506 p. : ill. (Research Handbooks in Business and Management series).
1513. Hollebeek, L. D., Sprott, D. E., Andreassen, T. W. (eds.). Special Issue : Engaging Customers in an Evolving Technological Environment, European Journal of Marketing. Vol. 53, 9. Bingley : Emerald Publishing Limited, 2019.
1514. Jajuga, K., Locarek-Junge, H., Orłowski, L., . (eds.). Contemporary Trends and Challenges in Finance : proceedings from the 4th Wroclaw International Conference in Finance. Cham : Springer Nature Switzerland AG, c2019. xi, 214 p. (Springer proceedings in business and economics).
1515. Kallamets, K. Development of resource regime of oil shale industry : a case of Estonia = Põlevikivõtõustuse ressursipoliitika arendamine Eesti näitel. Tallinn : TalTech Press, 2019. 102 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 44/2019).
1516. Kasper, A., Antonov, A. Towards conceptualizing EU cybersecurity law : Discussion paper ; C 253. Bonn : Zentrum für Europäische Integrationsforschung (ZEI), 2019. 44 p.
1517. Kattel, R., Drechsler, W., Karo, E. Innovation bureaucracies: How agile stability creates the entrepreneurial state [Online resource]. London : UCL Institute for Innovation and Public Purpose, 2019. 17, [2] p. (IIPP Working Paper ; 2019-12).
1518. Kerikmäe, T. (ed.). Baltic journal of European studies. Vol. 9. Tallinn : De Gruyter, 2019.
1519. Kiaupaite-Grušniene, V. Conceptual model for cash flow statement : history, analysis and further development = Rahakäibe aruande kontseptuaalne mudel : ajalugu, analüüs ja edasine areng. Tallinn : TalTech Press, 2019. 188 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 66/2019).
1520. Koppel, T. Safety management of electromagnetic fields in the work environment = Elektromagnetväljade ohutusjuhtimine töökohtadel. Tallinn : TTÜ Press, 2019. 155 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 11/2019).
1521. Krimmer, R., Kadak, T., Alishani, A., Toots, M., Soe, R.-M., Schmidt, C. Reaalajamajanduse alused ja rakendusvõimalused : uuringu lõpparuanne [Võrguväljanne]. [Tallinn] : Tallinna Tehnikaülikool, 2019. 66 lk. : ill.
1522. Krimmer, R., Kadak, T., Alishani, A., Toots, M., Soe, R.-M., Schmidt, C. Real-time economy : Definitions and implementation opportunities : Final research report [Online resource]. [Tallinn] : Tallinn University of Technology, 2019. 68 p. : ill.
1523. Krimmer, R., Volkamer, M., Beckert, B., Duenas Cid, D., Krivososova, I. (eds.) et al. Fourth International Joint Conference on Electronic Voting : E-Vote-ID 2019 : 1-4 October 2019, Lochau/Bregenz, Austria : proceedings [Online resource]. Tallinn : TalTech Press, 2019. X, 362 p. : ill.
1524. Kukk, M., Levenko, N. Macroeconomic imbalances and loan quality in panels of European countries [Online resource]. Tallinn : Eesti Pank, 2019. 27 p. : ill. (Working Paper Series / Eesti Pank ; 6/2019).
1525. Käsper, K., Rünne, E. (toim.). Inimõigused Eestis 2020 : areng aastatel 2018-2019. [Tallinn] : Eesti Inimõiguste Keskus, c2019. 152 lk. : ill.
1526. Majandusteaduskond : bakalaureuseõppekavad 2019/20 / TalTech. [Tallinn] : Tallinna Tehnikaülikool, [2019]. 14, [1] koos sisekaanega : ill.
1527. Meriküll, J., Kukk, M., Rõõm, T. What explains the gender gap in wealth? Evidence from administrative data. Tallinn : Eesti Pank, 2019. 67 p. : ill., tab. (Working Paper Series / Eesti Pank ; 4/2019).
1528. Minarik, T., Alatalu, S., Biondi, S. et al. (eds.). 2019 11th International Conference on Cyber Conflict : Silent Battle : 28 May-31 May 2019, Tallinn, Estonia. Tallinn : NATO CCD COE, 2019. 566 p. : ill.
1529. Mäeltsemees, S. Tallinna Linnavolikogu & Tallinna Linnavalitsus 30. Tallinn : SA Tallinna Arengu- ja Koolituskeskus, [2019]. 272 lk. : ill.

1530. Mürsepp, P. (ed.). *Acta Baltica historiae et philosophiae scientiarum*. Vol. 7. Tallinn : Estonian Association for the History and Philosophy of Science ; Tallinn University of Technology, 2019.
1531. Oinonen, S., Pohjola, J., Salminen, J., Nömmann, T. et al. Arctic freshwater natural capital in the Nordic countries. Copenhagen : Nordisk Ministerrad, 2019. 96 p. (TemaNord, 505).
1532. Perens, A. *Praktiline projektijuhtimine*. [Krundiküla] : HBP Koolitus, 2019. 296 lk. : ill.
1533. Pietarinen, A.-V. (ed.). Special Issue: Hintikka Memorial Issue. *Logica Universalis*. Vol. 3, 2. Basel : Birkhäuser, 2019. p. 137-288.
1534. Polese, A., Hanau Santini, R. (eds.). *Rethinking statehood in the Middle East and North Africa : security, sovereignty and new political orders*. London, United Kingdom : Routledge, Taylor & Francis Group, 2019. xi, 234 p. : ill.
1535. Polese, A., Russo, A., Strazzari, F. (eds.). *Governance beyond the law : the immoral, the illegal, the criminal*. Cham : Springer International Publishing, 2019. XXI, 367 p. : ill. (International political economy series).
1536. Reidolf, M. Knowledge networks and local resources shaping innovation in rural areas = Teadmusvõrgustikud ja kohalikud ressursid innovatsiooni kujundajatena maapiirkondades. Tallinn : TalTech Press, 2019. 124 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 50/2019).
1537. Sazonov, V., Mölder, H., Peeter, E., Läänemets, M. (eds.). *Cultural crossroads in the Middle East : the historical, cultural and political legacy of intercultural dialogue and conflict from the ancient Near East to the present day* [Online resource]. Tartu : University of Tartu Press, 2019. 350 lk. (Studia orientalia Tartuensia. Series nova ; 8).
1538. Shafiei, M., Pietarinen, A.-V. (eds.). *Peirce and Husserl : mutual insights on logic, mathematics and cognition*. Cham : Springer Nature Switzerland AG, c2019. xii, 219 p. (Logic, epistemology, and the unity of science ; 46).
1539. Solarte Vasquez, M.C. Smart contracting for the proactive governance of digital exchange = Nutikas lepingute koostamine digitaalsete tehingute proaktiivseks juhtimiseks. Tallinn : TTÜ Press, 2019. 191 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 4/2019).
1540. Tirmaste, K., Voolma, L., Laidroo, L., Kukk, M.-L. Avarmaa, M. *FinTech Report Estonia 2019* [Online resource]. [Tallinn] : TalTech School of Business and Governance, Department of Economics and Finance, 2019. 43 p. : ill.
1541. Vaarmets, T. Investor decisions and the path to the stock market = Investori otsused ja teekond aktsiaturuni. Tallinn : TalTech Press, 2019. 108 p. : ill. (Tallinn University of Technology. Doctoral thesis = Tallinna Tehnikaülikool. Doktoritöö ; 49/2019).
1542. Venesaar, U. (ed.). *Research in economics and business : Central and Eastern Europe*. Vol. 11. Tallinn : Tallinn University of Technology, 2019.
1543. Wilson, R., Moktefi, A. (eds.) *The Mathematical World of Charles L. Dodgson (Lewis Carroll)*. Oxford : Oxford University Press, 2019. XIV, 266 p : ill.

Artiklid

[Sisukord](#)

1544. Aarla-Kask, M., Jairus, T., Wahl, M.F. Tsiviiliskute liikumine kriisi- ja sõjaolukorras ning selle mõju riigikaitseüksuste tegevusvabadusele // *Sõjateadlane : Estonian journal of military studies* (2019) 11, lk. 81-112 : kaart.
1545. Aavik, G., Mayer, A., McBride, K., Krimmer, R. Is government welfare able to change? Analysing efforts to co-create an improved social welfare system through taking advantage of a collaborative economy // *Proceedings of the 52st Hawaii International Conference on System Sciences : HICSS52 : January 8-11, 2019, Grand Wailea, Maui*. Honolulu : University of Hawai'i at Manoa, 2019. p. 2954-2963.

1546. Ahi, K., Laidroo, L. Banking market competition in Europe—financial stability or fragility enhancing? // *Quantitative finance and economics* (2019) vol. 3, 2, p. 257-285 : ill.
1547. Ahonen, M., Lehto, T., Koppel, T. Radiotaaajuksen säteilyn vaikutus hiivasientien, homeiden ja mikrobien kasvuun // *Sisäilmastoseminaari 2019* : 14.3.2019. Vaasa : SIY Sisäilmatieto Oy, 2019. p. 375–380.
1548. Alver, J., Alver, L. Nüüdne raamatupidamisteaduse oskuskeel // *Eestikeelne ja üleilmne teadus : VII eesti teaduskeele konverents : lühitutvustused*. Tallinn : Tallinna Ülikool, 2019. lk. 12-13.
1549. Alver, J., Alver, L. Our Lithuanian Friend Jonas Mackevičius - professor, scientist, athlete and a great person at all // *3A - apskaita, auditas, analizė : teorijos, metodikos, nuostatos / Jonas Mackevičius*. Vilnius : Vilniaus universiteto leidykla, 2019. p. 383-388.
1550. An, Y., Chen, L., Jin, Z., Zheng, X. Reporting of sustainability initiatives by NZ and HK universities : a comparative analysis // *Transformations in business & economics* (2019) vol. 18, 3, p. 500-511.
1551. Arvola, R. TalTech student satellite will start its mission in summer 2019 // *Life in Estonia* (2019) 1, p. 15-16 : ill.
1552. Atari, S., Bakkar, Y., Olaniyi, E.O., Prause, G. Real options analysis of abatement investments for sulphur emission control areas compliance // *Entrepreneurship and sustainability issues* (2019) vol. 6, 3, p. 1062-1086 : ill.
1553. Atari, S., Prause, G. Lean intrapreneurship for networked manufacturing enterprises // *Journal of Entrepreneurship and Innovation in Emerging Economies* (2019) vol. 5, 1, p. 10-21 : ill.
1554. Ayala, N. F., Gerstlberger, W., Frank, A. G. Managing servitization in product companies : the moderating role of service suppliers // *International Journal of Operations & Production Management* (2019) vol. 39, 1, p. 43-74 : ill.
1555. Bakkar, Y., Ögçem, A.R. Democracy and economic development : disentangling the effect of elections and rule of law // *Baltic journal of European studies* (2019) vol. 9, 4, p. 173-205.
1556. Bobrova, A., Pietarinen, A.-V. Thoughts, things and logical guidance // *Peirce and Husserl : mutual insights on logic, mathematics and cognition*. Cham : Springer Nature Switzerland AG, c2019. p. 43-58. (Logic, epistemology, and the unity of science ; 46).
1557. Bormann, S-K., Ridala, S., Toomet, O-S. Language skills in an ethnically segmented labour market : Estonia 1989-2012 // *International journal of manpower* (2019) vol. 40, 2, p. 304-327 : ill.
1558. Braghiroli, S., Hoffmann, T., Makarychev, A. How to study and teach Russia and the EU // *Russia and the EU : spaces of interaction*. London ; New York : Routledge, 2019. p. 241-247.
1559. Braun Binder, N., Krimmer, R., Wenda, G., Fischer, D.-H. International standards and ICT projects in public administration: introducing electronic voting in Norway, Estonia and Switzerland compared // *Halduskultuur: The Estonian journal of administrative culture and digital governance*. [Tallinn] : Ragnar Nurkse School of Innovation and Governance, Tallinn University of Technology, 2019. p. 8-21. (Administrative culture = Halduskultuur = Административная культура = Verwaltungskultur = Hallintokulttuuri; vol. 19, no. 2).
1560. Burke, R., Demirag, I. Risk management by SPV partners in toll road public private partnerships // *Public management review* (2019) vol. 21, 5, p. 711-731.
1561. Calzati, S. Cross-medialità odepórica: Dai blogs all'intelligenza artificiale // *Revista texto digital* (2019) vol. 15, 1, p. 95-111.
1562. Calzati, S. L'impossibile rappresentazione : la Cina negli scritti di viaggio italiani contemporanei // *Italogramma* (2019) vol. 16, 14 p.
1563. Carlberg, M., Hedendahl, L., Koppel, T., Hardell, L. High ambient radiofrequency radiation in Stockholm city, Sweden // *Oncology letters* (2019) vol. 17, 2, p. 1777-1783 : ill.
1564. Carrara, M., Chiffi, D., De Florio, C., Pietarinen, A.-V. We don't know we don't know : asserting ignorance // *Knowing the Unknown : Philosophical Perspectives on Ignorance; Synthese* (2019) 15 p.
1565. Cepilovs, A., Török, Z. The politics of fiscal consolidation and reform under external constraints in the European periphery : comparative study of Hungary and Latvia // *Public management review* (2019) vol. 21, 9, p. 1287-1306 : tab.

1566. Chiffi, D., Pietarinen, A.-V. The extended Gabbay-Woods schema and scientific practices // *Natural arguments : a tribute to John Woods*. [London] : College Publications, 2019. p. 331-348. (Tributes ; 40).
1567. Chiu, N. Cities & international policy diffusion : the case of Tokyo // *Baltic journal of European studies* (2019) Vol. 9, No. 2, Summer 2019, p. 61-74.
1568. Chochia, A. Ethical aspects of digitalisation // *Second EaP eDemocracy conference "Digitalisation and Transformation: Effects on Democracy"*. Lviv : S.n, 2019.
1569. Cuc, J.E. Trends of business model research : a bibliometric analysis // *Journal of business models* (2019) vol. 7, 5, 24 p. : ill.
1570. Cuestas, J., Kukk, M. The Spanish housing market : is it fundamentally broken? // *Working Papers* (2019) vol. 4, 11 p.
1571. Cuestas, J.C., Ordonez, J., Staehr, K. Unit Labour Costs and the Dynamics of Output and Unemployment in the South European Crisis Countries // *Empirica* (2019) vol. 46, 3, p. 597–616 : ill.
1572. Danylyshyn, B., Shynkaruk, L., Prokopenko, O. et al. Modelling prediction of consumer demand in the tourism and hospitality based on time series // *International journal of recent technology and engineering* (2019) vol 8, 4, p. 8551–8558 : ill.
1573. Douglas, J.W., Raudla, R. CBO updated forecasts: do a few months matter? // *The Palgrave handbook of government budget forecasting*. Cham : Palgrave Macmillan, 2019. p. 133-152. (Palgrave studies in public debt, spending, and revenue, vol. 1).
1574. Drechsler, W. After public administration scholarship // *A Research agenda for public administration*. Cheltenham : Edward Elgar Publishing, 2019. p. 220-234.
1575. Drechsler, W. Agile stability: relaunching Halduskultuur - The Estonian journal of administrative culture and digital governance // *Administrative culture = Halduskultuur = Административная культура = Verwaltungskultur = Hallintokulttuuri*; vol. 19, no. 2. [Tallinn] : Ragnar Nurkse School of Innovation and Governance, Tallinn University of Technology, 2019. p. 4-7.
1576. Drechsler, W. Kings and indicators : options for governing without numbers // *Science, numbers and politics*. Cham : Springer Nature Switzerland AG, 2019. p. 227-262.
1577. Drechsler, W. The reality and diversity of Buddhist economics // *American Journal of Economics and Sociology* (2019) vol. 78, 2, p. 523-560.
1578. Dutt, K. P., Wahl, M. F., Kerikmäe, T. Using patent development, education policy and research and development expenditure policy to understand differences between countries - the case of Estonia and Germany // *International and comparative law review* (2019) vol. 19, 1, p. 190-233.
1579. Fahmid, I.M., Harun, H., Zheng, X. et al. New development : IPSAS adoption, from G20 countries to village governments in developing countries // *Public money and management* (2019) Vol. 40, 2, p. 160-163.
1580. Ferreiro, M. de F., Sheikh, F. A., Reidolf, M. et al. Tradition and innovation : Between dynamics and tensions // *African Journal of Science, Technology, Innovation and Development* (2019) vol. 11, 5, p. 533-542 : ill.
1581. Fischer, D.-H., Ferraro, S. A proposal for a simple average-based progressive taxation system // *Public sector economics* (2019) vol. 43, 2, p. 141 - 165.
1582. Freire, M. How can Internet Voting be implemented in Portuguese elections? A comparison with Estonia // *Fourth International Joint Conference on Electronic Voting : E-Vote-ID 2019 : 1-4 October 2019, Lochau/Bregenz, Austria : proceedings*. Tallinn : TalTech Press, 2019. p. 379-380.
1583. Gervienė, S., Kerikmäe, T. Padomju okupācijas laikā Baltijas valstīm nodarīto zaudējumu atlīdzināšanas prasība : juridiskās iespējas // *Jurista Vārds : Una lex - una iustitia omnibus* (2019) 34, portr.
1584. Gluškova, I., Gurviš-Suits, N. Corporate social responsibility and ownership interrelation : evidence from Estonia // *European integration studies* (2019) 13, p. 100-107 : tab.

1585. Hamul'ak, O., Sulyok, M., Kiss, L.N. Measuring the 'EU'clidean distance between EU Law and the Hungarian Constitutional Court - focusing on the position of the EU charter of fundamental rights // *Czech Yearbook of Public & Private International Law* (2019) vol. 10, p. 130-150.
1586. Hardell, L., Carlberg, M., Hedendahl, L., Koppel, T., Ahonen, M. Environmental radiofrequency radiation at the Järntorget Square in Stockholm Old Town, Sweden in May, 2018 compared with results on brain and heart tumour risks in rats exposed to 1.8 GHz base station environmental emissions // *World academy of sciences journal* (2019) vol. 1, 1, p. 47-54 : ill.
1587. Hartšenko, J., Küttim, M. The entrepreneurial intentions of students in central and eastern European countries // *Research in economics and business : Central and Eastern Europe* (2019) vol. 11, 2, p. 64–84.
1588. Hasler, B., Czajkowski, M., Elofsson, K., Nömmann, T. et al. Farmers' preferences for nutrient and climate-related agri-environmental schemes : a cross-country comparison // *Ambio* (2019) vol. 48, 11, p. 1290-1303 : ill.
1589. Hazak, A. Distractors of computerised creative knowledge work // *Application of Information and Communication Technologies - AICT2019, 23-25 October 2019, Baku : conference proceedings*. Red Hook : IEEE, 2019. p. 280-283 : ill.
1590. Hein, H., Hazak, A., Pille, V., Tuulik, V. Organisation of work, chronotype and fatigue : a study of creative knowledge employees // *Eesti tuleviku keskkonnad : Eesti sotsiaalteadlaste XI aastakonverents : 26.-27.aprill 2019, Tartu Ülikool. Tartu : Tartu Ülikooli ühiskonnateaduste instituut, [2019]. p. 68.*
1591. Hoffmann, T. Smart contracts and void declarations of intent // *Advanced Information Systems Engineering Workshops : CAiSE 2019 International Workshops, Rome, Italy, June 3-7, 2019 : proceedings*. Cham : Springer, 2019. p. 168-175. (Lecture notes in business information processing ; 349).
1592. Hoffmann, T. The private international law of companies in Europe - Estonia // *The private international law of companies in Europe*. München : Beck, 2019. p. 350-363.
1593. Hoffmann, T., Skwarek, V. Blockchain, smart contracts und recht - smart contracts als risiko für informatiker // *Informatik Spektrum* (2019) vol. 42, 3, p. 197-204.
1594. Hoffmann, T.; Chochia, A. The Institution of citizenship and practices of passportization in Russia's European neighborhood policies // *Russia and the EU : spaces of interaction*. London ; New York : Routledge, 2019. p. 223-237.
1595. Hollebeek, L. D., Islam, J., Macky, K. et al. Personality-based consumer engagement styles : conceptualization, research propositions and implications // *Handbook of research on customer engagement*. Cheltenham : Edward Elgar Publishing, c2019. p. 224-244. (Research Handbooks in Business and Management series).
1596. Hollebeek, L. D., Sprott, D. E., Andreassen, T. W. et al. Customer engagement in evolving technological environments : synopsis and guiding propositions // *European Journal of Marketing* (2019) vol. 53, 9, p. 2018-2023.
1597. Hollebeek, L., Rather, R. Service innovativeness and tourism customer outcomes // *International journal of contemporary hospitality management* (2019) vol. 31, 11, p. 4227-4246 : ill.
1598. Hollebeek, L., Srivastava, R., Chen, T. S-D logic-informed customer engagement: integrative framework, revised fundamental propositions, and application to CRM // *Journal of the academy of marketing science* (2019) vol. 47, 1, p. 161–185.
1599. Hollebeek, L.D., Macky, K. Digital Content Marketing's Role in Fostering Consumer Engagement, Trust, and Value: Framework, Fundamental Propositions, and Implications // *Journal of interactive marketing* (2019) vol. 45, p. 27–41.
1600. Illiashenko, P. “Tough Guy” vs. “Cushion” hypothesis: How does individualism affect risk-taking? // *Journal of behavioral and experimental finance* (2019) vol. 24, art. 100212, 11 p.
1601. Islam, J., Hollebeek, L.D., Rahman, Z. et al. Customer engagement in the service context : An empirical investigation of the construct, its antecedents and consequences // *Journal of retailing and consumer services* (2019) vol. 50, p. 277-285.

1602. Islam, J., Rahman, Z., Hollebeek, L. D. The role of consumer engagement in recovering online service failures : an application of service-dominant logic // Handbook of research on customer engagement. Cheltenham : Edward Elgar Publishing, c2019. p. 456-469 : ill. (Research Handbooks in Business and Management series).
1603. Ji, Z., Li, P., Zheng, X. Manufacturing agglomeration and environmental efficiency in China : insights from the panel threshold model // Transformations in business & economics (2019) vol. 18, 2, p. 257-277.
1604. Joamets, K., Ngouv, M.S A child's right to be heard and be represented in the criminal procedure : a comparative analysis of Estonian and Cambodian Law to CRC // Baltic journal of European studies (2019) vol. 9, 4, p. 127-149.
1605. Joamets, K., Solarte Vasquez, M. C. Current challenges of family mediation in Estonia // Journal of contemporary European studies (2019) vol. 27, 1, p. 109-120.
1606. Joamets, K., Solarte Vasquez, M. Working while studying - some legal and political questions affecting the right to higher education in Estonia // HEAD'19 : 5th International Conference on Higher Education Advances : proceedings. Valencia : Universitat Politècnica de València, 2019. p. 549-556.
1607. Johnsen, Å., Reichborn-Kjennerud, K., Carrington, T., Taro, K. et al. Supreme audit institutions in a high-impact context : A comparative analysis of performance audit in four Nordic countries // Financial accountability & management (2019) vol. 35, 2, p. 158-181 : ill.
1608. Juuse, E., Raudla, R., Cepilovs, A., Mikheeva, O. The Europeanization of financial regulation and supervision on the Baltic-Nordic axis : the perspective of national bureaucracies // Journal of Baltic studies (2019) vol. 50, 4, p. 409-433.
1609. Jõeveer, K. Firm capital structure in Europe : A comparative analysis of CEE firms vs. Western firms in the changing financial environment // The Routledge companion to European business. London ; New York : Routledge, Taylor & Francis Group, 2019. p. 267-281.
1610. Kalvet, T., Tiits, M., Ubakivi-Hadachi, P. Risks and societal implications of identity theft // Electronic Governance and Open Society : Challenges in Eurasia 5th International Conference, EGOSE 2018, St. Petersburg, Russia, November 14-16, 2018 : Revised Selected Papers. Cham : Springer Nature Switzerland AG, c2019. p. 67-81 : ill. (Communications in computer and information science ; 947).
1611. Kamdron, T., Västrik, L. R. Student organizations as a source of employability skills : comparison of perceptions of members of student organizations and recruiters of Estonia // 19th EAWOP Congress : abstract book. Turin : European Association of Work and Organizational Psychology, 2019. p. 1774.
1612. Karahasanović, A., Hollebeek, L. D., Chasanidou, D., Gurau, C. Temporality of customer engagement in service innovation : a theoretical model // Handbook of research on customer engagement. Cheltenham : Edward Elgar Publishing, c2019. p. 376-390 : ill. (Research Handbooks in Business and Management series).
1613. Karo, E. Erkki Karo : me peame rääkima TalTech2035-st! // *Mente et Manu* (2019) 1, lk. 4-9.
1614. Karo, E. Teadus- ja arendustegevuse ühiskondlikust tähtsusest ja tulevikust Eestis // *Eesti teadus 2019 / Eesti Teadusagentuur*. [Tallinn] : Eesti Teadusagentuur, 2019. lk. 47-60 : ill.
1615. Karo, E., Kattel, R. Public administration, technology and innovation : government as technology maker? // *Public Administration in Europe. The Contribution of EGPA*. Cham : Palgrave Macmillan, 2019. p. 267-279. (Governance and public management).
1616. Kasper, A., Krasznay, C. Towards pollution-control in cyberspace : problem structure and institutional design in international cybersecurity // *International and comparative law review* (2019) vol. 19, 2, p. 76-96.
1617. Kelichavyi, B., Nyman Metcalf, M. Is internet access a matter of freedom of expression? Some examples from Ukraine // *Baltic journal of European studies* (2019) Vol. 9, No. 3, p. 63-81.
1618. Kerikmäe, T., Minn, M., Pärasmäe, R. Kuidas elada koos krattidega? : [tehisintellekti õiguslikest probleemidest] // *Õiguskeel 2019 : [artiklikogumik]*. Tallinn : Juura, [2019]. lk. 37-42.
1619. Kerikmäe, T., Mölder, H., Chochia, A. Estonia and the European Union // *The Oxford Encyclopedia of European Union Politics*. [Oxford] : Oxford University Press, 2019. 18 p.

1620. Kerikmäe, T., Ramiro Troitino, D., Shumilo, O. An idol or an ideal? A case study of Estonian e-Governance : public perceptions, myths and misbeliefs // *Acta Baltica historiae et philosophiae scientiarum* (2019) vol. 7, 1, p. 71-80.
1621. Kerikmäe, T., Salumaa-Lepik, K. We've updated our privacy policy // *Europarättslig tidskrift* (2019) vol. 1, p. 7-10.
1622. Kerikmäe, T., Tehver, J. Autonomsete intelligentsete tehnoloogiate kasutamise seotud õiguslikud küsimused // *kratid.ee*. [Tallinn], 2019. 16 lk.
1623. Keypour, J. The Outcome of Directive 2009/73/EC Amendment on EU's Natural Gas Security // *Baltic journal of economics* (2019) vol. 9, 1, p. 77-98 : ill.
1624. Keypour, J., Hendla, I. The annexation of Crimea : a realist look from the energy resources perspective // *Baltic journal of European studies* (2019) vol. 9, 3, p. 148-165 : ill.
1625. Keypour, J., Pintson, H. Turkey, Iran, Russia trilateral cooperation in Syrian civil war. An aftermath of the U.S withdrawal // *History, Politics and Culture in the Middle East : International Conference of the Department for History and Culture of the Middle East of Hamburg University, the German Middle East Studies Association for Contemporary Research and Documentation (DAVO) and the Section of Islamic Studies of the Deutsche Morgenländische Gesellschaft (DMG)*, 3-5 October, 2019, Hamburg University : Program. [S.l.] : [s.n], 2019. 1 p.
1626. Kholodilin, K., Netsunajev, A. Crimea and punishment : the impact of sanctions on Russian economy and economies of the euro area // *Baltic journal of economics* (2019) vol. 19, 1, p. 39-51 : ill.
1627. Kiaupaite-Grušniene, V., Alver, L. Comparability of statements of cash flows : evidence from Baltic countries // *Journal of Accounting and Management Information Systems = Contabilitate si Informatica de Gestiune* (2019) vol. 18, 3, p. 307-329.
1628. Kiaupaite-Grušniene, V., Alver, L. Comparability of statements of cash flows: Evidence from Baltic countries // *Proceedings of the 14th International Conference : Accounting and Management Information Systems : AMIS IAAER 2019, June 5-6, 2019, Bucharest University of Economic Studies 6, Piața Romană, 1st District, Bucharest, 010374 Romania*. [S.l.] : EDITURA ASE, 2019. p. 436-454.
1629. Kickert, W., Randma-Liiv, T. No direct influence of EU on domestic consolidation and reform: two fiscal 'hardliners', Netherlands and Estonia // *Public management review* (2019) vol. 21, 9, p. 1330-1347.
1630. Kiisk, V. The Interplay between knowledge creation strategies : the case of European information-and-communications-technology firms // *2019 IEEE International Conference on Industrial Engineering and Engineering Management (IEEM2019)*, 15-18 Dec, Macau. Danvers : IEEE, 2019. p. 727-730.
1631. Koppel, T., Ahonen, M., Carlberg, M., Hedendahl, L. Hardell, L. Radiofrequency radiation from nearby mobile phone base stations-a case comparison of one low and one high exposure apartment // *Oncology letters* (2019) vol. 18, 5, p. 5383-5391 : ill.
1632. Koppel, T., Vilcane, I. 50 Hz electric field effect on heart rate variability // *The Joint Annual Meeting of The Bioelectromagnetics Society and the European BioElectromagnetics Association : Technical Program and General Information*. [S.l.], [2019]. p. 91.
1633. Kostakis, V. How to reap the benefits of the "digital revolution"? Modularity and the commons // *Halduskultuur: The Estonian journal of administrative culture and digital governance* (2019) vol. 20, 1, 19 p. : ill.
1634. Krimmer, R. A structure for new voting technologies : what they are, how they are used and why // *The art of structuring : bridging the gap between information systems research and practice*. Cham : Springer Nature Switzerland AG, 2019. p. 421-426.
1635. Krimmer, R., Duenas-Cid, D. Efecto contagio en el uso del voto electrónico en Estonia : de las elecciones a otros niveles de la administración pública y la sociedad // *La digitalización de los partidos políticos y el uso del voto electrónico*. Navarra : Thomson Reuters Aranzadi, 2019. p. 247-262.
1636. Krimmer, R., Dueñas-Cid, D., Krivososova, I., Serrano Iova, R. A., Freire, M., Wrede, C. Nordic Pioneers : facing the first use of Internet Voting in the Åland Islands (Parliamentary Elections 2019) [Online resource] // *SocArXiv Papers* (2019) 14 p. : ill.

1637. Krimmer, R., Volkamer, M., Duenas Cid, D. E-Voting - an overview of the development in the past 15 years and current discussions // Fourth International Joint Conference on Electronic Voting : E-Vote-ID 2019 : 1-4 October 2019, Lochau/Bregenz, Austria : proceedings. Tallinn : TalTech Press, 2019. p. 1-15 : ill.
1638. Krimmer, R.; Schmidt, C. Chancen und Anforderungen des Single Digital Gateways // *Innovative Verwaltung* (2019) BD. 41, 12.
1639. Krivososova, I. How elections with Internet voting are administered? The case of the 2019 Parliamentary elections in Estonia // Fourth International Joint Conference on Electronic Voting : E-Vote-ID 2019 : 1-4 October 2019, Lochau/Bregenz, Austria : proceedings. Tallinn : TalTech Press, 2019. p. 381-383.
1640. Krivososova, J., Serrano, R. A., Duenas-Cid, D., Krimmer, R. How increasing use of Internet voting impacts the Estonian election management // Fourth International Joint Conference on Electronic Voting : E-Vote-ID 2019 : 1-4 October 2019, Lochau/Bregenz, Austria : proceedings. Tallinn : TalTech Press, 2019. p. 226-227.
1641. Kuimet, K. The roles and activities of human resource managers: empirical results from Estonia based on Ulrich's human resource model // *Research in economics and business : Central and Eastern Europe* (2019) vol. 11, 1, p. 65-88.
1642. Kuk, J., Leppiman, A. The significance of value-in-experience in the age of digitalisation // *Managing complexity and creating Innovation through design*. Oxford : Routledge, 2019. 10 p.
1643. Kuk, M. Debt repayment problems : short-term and long-term implications for spending // *Review of economics of the household* (2019) vol. 17, 2, p. 715-740.
1644. Kustra-Rogatka, A., Hamulak, O. Keeping Safe Distance: Chapters from Randomised (Non)Application of the EU Charter of Fundamental Rights before Polish Constitutional Tribunal // *Baltic journal of European studies* (2019) vol. 9, 4, p. 72-107.
1645. Kvitka, S., Starushenko, G., Koval, V., Prokopenko, O. et al. Marketing of Ukrainian higher educational institutions representation based on modeling of webometrics ranking // *Marketing and management of innovation* (2019) vol. 3, p. 60-72.
1646. Käsper, K. Õigus õiglasele kohtupidamisele // *Inimõigused Eestis 2020 : areng aastatel 2018-2019*. [Tallinn] : Eesti Inimõiguste Keskus, c2019. lk. 19-27 : ill.
1647. Küttem, M., Hartšenko, J., Riivits-Arkonsuo, I. Added value of post-secondary education in Estonia // HEAd'19 : 5th International Conference on Higher Education Advances : proceedings. Valencia : Universitat Politècnica de València, 2019. p. 65-73.
1648. Laitinen, E. K., Kadak, T. Explaining success of performance management systems : the role of chain of key factors // *International journal of productivity and performance management* (2019) vol. 68, 2, p. 362-388 : ill.
1649. Lember, V., Brandsen, T., Tõnurist, P. The potential impacts of digital technologies on co-production and co-creation // *Public management review* (2019) vol. 21, 11, p. 1665-1686.
1650. Levenets, O., Stepurko, T., Polese, A. et al. Coping strategies of cancer patients in Ukraine // *The International journal of health planning and management* (2019) vol. 34, 4, p. 1423-1438.
1651. Levenets, O., Stepurko, T., Pavlova, M., Groot, W. Coping mechanisms of Ukrainian patients : bribes, gifts, donations, and connections // *Governance beyond the law : the immoral, the illegal, the criminal*. Cham : Springer International Publishing, 2019. p. 125-143. (International political economy series).
1652. Liivamägi, K., Vaarmets, T., Talpsepp, T. Investor education and IPO participation // *Emerging markets finance and trade* (2019) vol.55, 3, p. 545-561 : ill.
1653. Lähteenmäki-Uutela, A., Yliskylä-Peuralahti, J., Olaniyi, E., Prause, G. et al. The impacts of the sulphur emission regulation on the sulphur emission abatement innovation system in the Baltic Sea region // *Clean technologies and environmental policy* (2019) vol. 21, 5, p. 987-1000.
1654. Marbach, J., Borghei Razavi, N., Lages, C. R., Hollebeek, L. D. Positively and negatively valenced customer engagement : the constructs and their organizational consequences // *Handbook of research on customer engagement*. Cheltenham : Edward Elgar Publishing, c2019. p. 291-310 : ill. (Research Handbooks in Business and Management series).

1655. Masso, A., Silm, S., Ahas, R. Generational differences in spatial mobility : A study with mobile phone data // *Population, space and place* (2019) vol. 25, 2, e2210, 15 p. : ill.
1656. McBride, K. Sailing towards digitalization when it doesn't make cents? Analysing the Faroe Islands' new digital governance trajectory // *Island studies journal* (2019) vol. 14, 2, p. 193-214 : ill.
1657. Mikheeva, O., Tõnurist, P. Co-Creation for the reduction of uncertainty in financial governance: The case of monetary authority of Singapore // *Administrative culture = Halduskultuur = Административная культура = Verwaltungskultur = Hallintokulttuuri*; vol. 19, no. 2. [Tallinn] : Ragnar Nurkse School of Innovation and Governance, Tallinn University of Technology, 2019. p. 60-80.
1658. Moktefi, A. Diagrammatikus érvélés - a kétkedés vége? = Diagrammatic Reasoning : The End of Scepticism? // *Magyar Tudomány* (2019) vol. 7, p. 970-978.
1659. Moktefi, A. Is it disgraceful to present a book of mathematics to a Queen? // *The mathematical intelligencer* (2019) vol. 41, 1, p. 42-50 : ill.
1660. Moktefi, A. *Logic* // *The Mathematical World of Charles L. Dodgson (Lewis Carroll)*. Oxford : Oxford University Press, 2019. p. 87-120.
1661. Moktefi, A. The philosophy of mathematical practices : the role of diagrams // *From ϕ -science to practical realism: an international conference in honour of Rein Vihalemm (1938-2015) : August 13-14, 2019, University of Tartu, Tartu, Estonia, Jakobi 2, room 336 : book of abstracts*. [Tartu] : [University of Tartu], 2019. p. 23.
1662. Moktefi, A. The social shaping of modern logic // *Natural arguments : a tribute to John Woods*. [London] : College Publications, 2019. p. 503-520. (Tributes ; 40).
1663. Mäeltsemees, S. 1989. aasta teine pool - kohaliku omavalitsuse taastamise algus Eestis ja Berliini müüri langemine = Die zweite Hälfte des Jahres 1989 - der Beginn der Wiederherstellung der lokalen Selbstverwaltung in Estland und der Fall der Berliner = The second half of 1989 - beginning of the reinstatement of local governments in Estonia and the fall of the Berlin Wall // *Estonian discussions on economic policy : articles (CD-ROM) ; summaries ; chronicle = Estnische Gespräche über Wirtschaftspolitik : Beiträge (CD-ROM) ; Zusammenfassungen ; Chronik = Eesti majanduspoliitilised väitlused : artiklid (CD-ROM) ; kokkuvõtted ; kroonika ; 27, 3-4*. Tallinn : Mattimar ; Berlin : Berliner Wissenschafts-Verlag, 2019. lk. 38-47.
1664. Mäeltsemees, S. In what way should the preparations for the 2016 administrative reform have been different and why? [Electronic resource] // *Estonian discussions on economic policy : articles (CD-ROM) ; summaries ; chronicle = Estnische Gespräche über Wirtschaftspolitik : Beiträge (CD-ROM) ; Zusammenfassungen ; Chronik = Eesti majanduspoliitilised väitlused : artiklid (CD-ROM) ; kokkuvõtted ; kroonika ; 27, 3-4*. Tallinn : Mattimar ; Berlin : Berliner Wissenschafts-Verlag, 2019. p. 83-90.
1665. Mäeltsemees, S. Mis ja miks võinuks olla teistmoodi 2016. aastal käivitatud haldusreformi ettevalmistuses? : [kokkuvõte] // *Eesti majanduspoliitilised väitlused : artiklid (CD-ROM), kokkuvõtted, kroonika = Estnische Gespräche über Wirtschaftspolitik : Beiträge (CD-ROM), Zusammenfassungen, Chronik = Estonian discussions on economic policy : Articles (CD-ROM), summaries, chronicle ; 27 (1-2)*. Tallinn : Mattimar ; Berlin : Berliner Wissenschafts-Verlag, 2019. lk. 68-72.
1666. Mölder, H. The Islamic State, clash of civilizations and their impact on the development of contemporary international relations // *Cultural crossroads in the Middle East : the historical, cultural and political legacy of intercultural dialogue and conflict from the ancient Near East to the present day*. Tartu : University of Tartu Press, 2019. p. 314-345. (Studia orientalia Tartuensia. Series nova ; 8).
1667. Mölder, H., Sazonov, V. The failure of intercultural dialogue in the Middle East - the impact of war theology to contemporary ideological-religious conflicts // *Cultural crossroads in the Middle East : the historical, cultural and political legacy of intercultural dialogue and conflict from the ancient Near East to the present day*. Tartu : Tartu University Press, 2019. p. 10-35. (Studia orientalia Tartuensia. Series nova ; 8).
1668. Mölder, H., Sazonov, V. The impact of Russian anti-western conspiracy theories on the status-related conflict in Ukraine : the case of flight MH17 // *Baltic journal of European studies* (2019) vol. 9, 3, p. 96-115.

1669. Mürsepp, P. Haavatava maailma hüpotees // XV Eesti Filosoofia Aastakonverents : Digihiskond : filosoofilised perspektiivid : Tallinna Tehnikaülikool, 30-31. August 2019 : teeside raamat = XV Annual Estonian Philosophy Conference : The Digital Society : Philosophical Perspectives : Tallinn University of Tallinn, Estonia, 30-31 August 2019 : book of abstracts. Tallinn : [Ragnar Nurkse Department of Innovation and Governance, Tallinn University of Technology], 2019. lk. 17-18.
1670. Mürsepp, P. Is metaphysics exhausted? The Kantian roots of practical realism // From ϕ -science to practical realism : an international conference in honour of Rein Vihalemm (1938-2015) : August 13-14, 2019, University of Tartu, Tartu, Estonia, Jakobi 2, room 336 : book of abstracts. [Tartu] : [University of Tartu], 2019. p. 10.
1671. Mürsepp, P. Lewis Mumford ja tema teaduspõhine megamasin // Masina müüt. Teine köide, Võimu viisnurk. Tartu : Ilmamaa, 2019. lk. 723-741.
1672. Mürsepp, P. Philosophy of science between physics and chemistry // Journal of philosophy, culture and political science (2019) vol. 67, 1, p. 23-29.
1673. Mürsepp, P. Practical realism and metaphysics in science // CLMPST 2019: 16th International Congress of Logic, Methodology and Philosophy of Science and Technology : Bridging across academic cultures, Prague, 5-10 August 2019., 2019. p. 341.
1674. Mürsepp, P. Science, technology and power - revisiting Lewis Mumford // The International Committee for the History of Technology's 46th Annual Meeting "Technology & Power", Katowice, July 22-27, 2019 : abstracts. [S.l.] : [S.n.], 2019. W1C-1 ; p. 27.
1675. Mürsepp, P. The need for a revolution in the Academia // The collection of materials of the International round table : "The New Global Reality and Problems of Modernization of Historical Consciousness". Almatõ : Институт философии, политологии и религиоведения КН МОН РК, 2019. p. 30-36.
1676. Mürsepp, P. 作为一种实在论的批判的语境经验主义 // Philosophical analysis (2019) vol. 10, 1, p. 17-37. (Critical contextual analysis as a version of realism)
1677. Mürsepp, P., Bekenova, Z., Nuryшева, G., Usenov, G. From the dual character of chemistry to practical realism and back again : philosophy of science of Rein Vihalemm // Problemos : mokslo darbai = Problemos : research papers (2019) vol. 96, p. 107-120.
1678. Mürsepp, P., Nuryшева, G., Syrgakbayeva, A., Sartayeva, R. Critical contextual empiricism as a version of pluralist realism // Acta Baltica historiae et philosophiae scientiarum (2019) vol. 7, 3, p. 5-22.
1679. Mürsepp, P. One hundred years of technical education in Tallinn // Historia Scientiarum Baltica 2019 : abstracts. Vilnius : Vilnius University, 2019. p. 49-50.
1680. Napetvaridze, V., Chochia, A. Cybersecurity in the making - policy and law: a case study of Georgia // International and comparative law review (2019) vol. 19, 2, p. 155-180.
1681. Nik, B. N. Co-creation of service recovery and post-recovery responses: the impact of cultural values orientations and outcome favorability // Journal of service science research (2019) vol. 11, 2, p. 133-155.
1682. Nilavongse, R. House price expectations, boom bust cycles and implications for monetary policy [Online resource] // Open seminars of Eesti Pank in 2019. [Tallinn] : Eesti Pank, 2019. 48 p. : ill.
1683. Notermans, T., Piattoni, S. Convergence towards a single economic model? Italy and Germany in the interconnected euro system // West European politics (2019) vol. 42, 5, p. 1015-1040 : ill.
1684. Nyman-Metcalf, K. Sõnavabadus // Inimõigused Eestis 2020 : areng aastatel 2018-2019. [Tallinn] : Eesti Inimõiguste Keskus, c2019. lk. 44-53.
1685. Ojasoo, M., Lämsä, A.-M., Jyrkinen, M., Rihma, M. Women's appearance as the focus of attention in organizations // Responsible Humane Strategies for Gender Equality, Empowerment and Leadership. New Delhi : Bloomsbury, 2019. p. 27-33.
1686. Ojasoo, M., Roosalu, L., Leppiman, A., Riivits-Arkansuo, I. The challenges of a stakeholder dialogue : the case of inexhaustible energy for exhaustible consumption // Evolving business models in ecosystem of disruptive technologies and social media. New Delhi : Bloomsbury, 2019. p. 89-95 : ill.
1687. Olaniyi, E. O., Bakkar, Y., Prause, G. K. Entrepreneurial compliance opportunities for maritime fuel producers // Entrepreneurship and sustainability issues (2019) vol. 6, 4, p. 1550-1565.

1688. Olaniyi, E. O., Prause, G. SECA regulatory impact assessment: administrative burden costs in the Baltic Sea region // *Transport and telecommunication* (2019) vol. 20, 1, p. 62-73 : ill.
1689. Olaniyi, E.O., Gerlitz, L. LNG Maritime energy contracting model // *Entrepreneurship and sustainability issues* (2019) vol. 7, 1, p. 574–594.
1690. Ordonez, J., Monfort, M., Cuestas, J. Oil prices, unemployment and the financial crisis in oil-importing countries : The case of Spain // *Energy* (2019) vol. 181, p. 625-634.
1691. Pandey, M. M., Shukla, D. Evaluating the human performance factors of air traffic control in Thailand using Fuzzy Multi Criteria Decision Making method // *Journal of air transport management* (2019) vol. 81, art. 101708, 9 p. : tab.
1692. Parts, V., Kiho, M. Correlates and predictors of time banditry // 19th EAWOP Congress : abstract book. Turin : European Association of Work and Organizational Psychology, 2019. p. 2068.
1693. Parts, V., Pevkur, A., Juhanson, A. Loyalty conflicts and balancing different loyalties // 19th EAWOP Congress : abstract book. Turin : European Association of Work and Organizational Psychology, 2019. p. 2120.
1694. Pazaitis, A. States and Cooperatives: Perspectives from commons-based peer production // XV Eesti Filosoofia Aastakonverents : Digihiskond : filosoofilised perspektiivid : Tallinna Tehnikaülikool, 30-31. August 2019 : teeside raamat = XV Annual Estonian Philosophy Conference : The Digital Society : Philosophical Perspectives : Tallinn University of Tallinn, Estonia, 30-31 August 2019 : book of abstracts. Tallinn : [Ragnar Nurkse Department of Innovation and Governance, Tallinn University of Technology], 2019. p. 22.
1695. Pataccini, L., Kattel, R., Raudla, R. Introduction: Europeanization and financial crisis in the Baltic Sea region: implications, perceptions, and conclusions ten years after the collapse // *Journal of Baltic studies* (2019) vol. 50, 4, p. 403–408.
1696. Philipp, R., Gerlitz, L., Prause, G. Smart contracts for entrepreneurial collaboration in logistics networks // *New Challenges of Economic and Business Development - 2019 : Incentives for Sustainable Economic Growth : proceedings*. Riga : University of Latvia, 2019. p. 652-663 : ill.
1697. Philipp, R., Ozarska, A. Prause, G. Sustainable electronic product development in the Baltic Sea region: a regional gap analysis of lab testing services // *Environmental and Climate Technologies* (2019) vol. 23, 3, p. 85-100.
1698. Philipp, R., Prause, G., Gerlitz, L. Blockchain and smart contracts for entrepreneurial collaboration in maritime supply chains // *Transport and telecommunication journal* (2019) vol. 20, 4, p. 365-378.
1699. Pietarinen, A.-V. Hintikka memorial issue : introduction and remarks on Jaakko Hintikka's logical philosophy // *Logica Universalis* (2019) vol. 13, 2, p. 137-145.
1700. Pietarinen, A.-V. Semeiotic completeness in the theory of signs // *Semiotica* (2019) 228, p. 237-257.
1701. Pietarinen, A.-V. To Peirce Hintikka's thoughts // *Logica Universalis* (2019) vol. 13, 2, p. 241-262.
1702. Pietarinen, A.-V., Issajeva, J. Phaneroscopy and theory of signs as theory of cognition // *Peirce and Husserl : mutual insights on logic, mathematics and cognition*. Cham : Springer Nature Switzerland AG, c2019. p. 199-219. (Logic, epistemology, and the unity of science ; 46).
1703. Pietarinen, A.-V., Ma, M. A graphical deep inference system for intuitionistic logic // *Logique et analyse* (2019) vol. 62, 245, p. 73-114.
1704. Pietarinen, A.-V., Shafiei, M., Stjernfelt, F. Mutual insights on Peirce and Husserl // *Peirce and Husserl : mutual insights on logic, mathematics and cognition*. Cham : Springer Nature Switzerland AG, c2019. p. 3-15. (Logic, epistemology, and the unity of science ; 46).
1705. Polese, A., Russo, A., Strazzari, F. Introduction : "The good, the bad and the ugly" : transnational perspectives on the extralegal field // *Governance beyond the law : the immoral, the illegal, the criminal*. Cham : Springer International Publishing, 2019. p. 1-26. (International political economy series).
1706. Popov, A. INF-kokkuleppe roll ja tähtsus rahvusvahelises õiguses // *Sõdur : Eesti sõjandusajakiri* (2019) vol. 2, p. 34-35.

1707. Prause, G., Reinhold, K., Järvis, M., Olaniyi, E., Tint, P. The socio-economic impact of green shipping: a holistic view from the Baltic Sea region // Reliability and Statistics in Transportation and Communication : Selected Papers from the 18th International Conference on Reliability and Statistics in Transportation and Communication, RelStat'18, 17-20 October 2018, Riga, Latvia. Cham : Springer, 2019. p. 615-624. (Lecture notes in networks and systems; 68).
1708. Prause, G., Boevsky, I. Smart contracts for smart rural supply chains // Bulgarian Journal of Agricultural Science (2019) vol. 25, 3, p. 454-463 : ill.
1709. Prause, G., Olaniyi, E. O. A compliance cost analysis of the SECA regulation in the Baltic Sea // Entrepreneurship and sustainability issues (2019) vol. 6, 4, p. 1907-1921 : tab.
1710. Prause, G., Tuisk, T., Olaniyi, E.O. Between sustainability, social cohesion and security. Regional development in North-Eastern Estonia // Entrepreneurship and sustainability issues (2019) vol. 6, 3, p. 1235-1254.
1711. Prause, G.K. Smart contracts for smart supply chains // IFAC-PapersOnLine (2019) vol. 52, 13, p. 2501-2506.
1712. Priavolou, C. Tzoumakers - co-creating solutions for agriculture // Design, Remix, Share, Repeat : How distributed design is changing the way makers and designers approach collaboration, tools and the market. Barcelona : Institute for Advanced Architecture of Catalonia, 2019. p. 70-73.
1713. Priavolou, C., Niaros, V. Assessing the openness and conviviality of open source technology : The case of the WikiHouse // Sustainability (2019) vol. 11, 17, art. 4746, 16 p. : ill.
1714. Prokopenko, O., Biloshkurska, N., Biloshkurskyi, M., Omelyanenko, V. The role of bank in national innovation system: general strategical analytics // Financial and credit activity: problems of theory and practice (2019) vol. 3, 30, p. 26–35.
1715. Prokopenko, O., Kholod, B., Pavlova, V. et al. Risk management culture as a systematic method for ensuring safety development // International journal of recent technology and engineering (2019) vol. 8, 4, p. 8652–8657.
1716. Prokopenko, O., Kudrina, O., Omelyanenko, V. ICT support of higher education institutions participation in innovation networks // ICT in Education, Research and Industrial Applications : proceedings of the 15th International Conference, ICTERI 2019. Volume I: Main Conference. Aachen : CEUR-WS.org, 2019. p. 466-471. (CEUR workshop proceedings ; 2387).
1717. Prokopenko, O., Larina, Y., Chetveryk, O. et al. Digital-toolkit for promoting tourist destinations // International journal of innovative technology and exploring engineering (2019) vol. 8, 12, p. 4982-4987 : ill.
1718. Prokopenko, O., Omelyanenko, V., Ponomarenko, T., Olshanska, O. Innovation networks effects simulation models // Periodicals of engineering and natural sciences (2019) vol. 7, 2, p. 752-762 : ill.
1719. Prokopenko, O., Omelyanenko, V., Tirto, T. Security issues of system innovation strategies // SHS Web of Conferences (2019) vol. 65, art. 03006, 6 p.
1720. Prokopenko, O., Slatvinskyi, M., Biloshkurska, N. et al. Methodology of national investment and innovation security analytics // Problems and perspectives in management (2019) vol. 17, 1, p. 380-394.
1721. Proover, M. Uncertainty and attitudes toward technology // XV Eesti Filosoofia Aastakonverents : Digiühiskond : filosoofilised perspektiivid : Tallinna Tehnikaülikool, 30-31. August 2019 : teeside raamat = XV Annual Estonian Philosophy Conference : The Digital Society : Philosophical Perspectives : Tallinn University of Tallinn, Estonia, 30-31 August 2019 : book of abstracts. Tallinn : [Ragnar Nurkse Department of Innovation and Governance, Tallinn University of Technology], 2019. p. 22.
1722. Pärn-Lee, E. Estonia : [national reports] // Legislation covering business-to-business unfair trading practices in the food supply chain in Central and Eastern European countries. Warsaw : University of Warsaw, Faculty of Management Press, 2019. p. 125-146.

1723. Raats, R., Tuisk, T., Prause, G. Improving the Entrepreneurial Ecosystem of CCI sector in BSR [Online resource] // 18th International Entrepreneurship Forum (IEF) Conference : Entrepreneurship as a Social Movement: Art, Technology, Design and Sustainable Entrepreneurial Transformation, 16-18 December, 2019, Goa, India : accepted abstracts booklet., 2019. IEF-18-025.
1724. Ramiro Troitiño, D., Kerikmäe, T. Margaret Thatcher : ¿Precursora del Brexit o Europeista Ambigua? // *Historia y Política* (2019) 42, p. 331-356.
1725. Ramiro Troitino, D., Kerikmäe, T., Hamul'ák, O. The League of Nations : legal, political and social impact on Estonia // *Slovak Journal of Political Sciences* (2019) vol. 19, 2, p. 75-93.
1726. Randma-Liiv, T., Drechsler, W. The politics of bureaucracy : The Central and Eastern European perspective // *British journal of politics & international relations* (2019) vol. 21, 3, p. 504-512.
1727. Randma-Liiv, T., Sarapuu, K. Public governance in small states : from paradoxes to research agenda // *A Research agenda for public administration*. Cheltenham : Edward Elgar Publishing, 2019. p. 162-179.
1728. Randma-Liiv, T., Vintar, M., Proeller, I., Profiroiu, M. EGPA and the European administrative space: strategic Partnership with NISPAcee and the Trans-European dialogue (TED) // *Public Administration in Europe. The Contribution of EGPA*. Cham : Palgrave Macmillan, 2019. p. 71-81. (Governance and public management).
1729. Randmann, L. Paindliku töökorralduse varjupool // *Personali Praktik : Pp* (2019) veebr., lk. 31-32 : fot.
1730. Randmann, L., Lutsevits, P. The moderating role of developmental networks in the relationship between structural and psychological empowerment // 19th EAWOP Congress : abstract book. Turin : European Association of Work and Organizational Psychology, 2019. p. 1454.
1731. Rather, R., Hollebeek, L. Exploring and validating social identification and social exchange-based drivers of hospitality customer loyalty // *International journal of contemporary hospitality management* (2019) vol. 31, 3, p. 1432-1451.
1732. Rather, R., Hollebeek, L. Tourism-based customer engagement : the construct, antecedents, and consequences // *The service industries journal* (2019) vol. 39, 7-8, p. 519-540.
1733. Raudla, R. Institutional Economics // *Encyclopedia of law and economics*. New York : Springer-Verlag, 2019. p. 11-20.
1734. Raudla, R. Võla valud ja võlud majanduspoliitikas // *Vikerkaar* (2019) 1-2, lk. 90-97.
1735. Raudla, R., Bashir, M., Douglas, J.W. The Punjab revenue authority: meeting the challenges of a new institution // *Public administration and development* (2019) vol. 39, 2, p. 78-88.
1736. Raudla, R., Juuse, E., Cepilovs, A. Policy learning from crisis in financial regulation and supervision : comparative analysis of Estonia, Latvia, and Sweden // *Journal of Baltic studies* (2019) vol. 50, 4, p. 495-514.
1737. Reidolf, M., Graffenberger, M. How local resources shape innovation and path development in rural regions. Insights from rural Estonia // *Journal of Entrepreneurship, Management and Innovation (JEMI)* (2019) vol. 15, 3, p. 131-162.
1738. Reidolf, M., Küttim, M., Michelson, A., Rozeik, H., Kallaste, M. Applying the concept of entrepreneurial ecosystems in Estonia // *Zeitschrift für Wirtschaftsgeographie* (2019) vol. 63, 2-4, p. 134-145 : ill.
1739. Reinhold, K. Tööandja vastutus töötaja tööstressi vältimisel // *Raamatupidamise Praktik* (2019) veebr., lk. 33-34.
1740. Reinhold, K., Järvis, M., Prause, G. Occupational health and safety aspects of green shipping in the Baltic Sea // *Entrepreneurship and sustainability issues* (2019) vol. 7, 1, p. 10-24.
1741. Ridala, S., Toomet, O. Wage gap in an ethnically segmented labor market : the role of cognitive skills // *Eastern European economics* (2019) vol. 57, 1, p. 20-30 : ill.
1742. Robinson, N., Kask, L., Krimmer, R. The Estonian data embassy and the applicability of the Vienna convention: an exploratory analysis // *Proceedings of the 12th International Conference on Theory and Practice of Electronic Governance (ICEGOV'19)*, Melbourne, Australia, April 3-5, 2019. New York : Association for Computing Machinery, 2019. p. 391-396.
1743. Rosenberg, S. The effects of conventional and unconventional monetary policy on house prices in the Scandinavian countries // *Journal of housing economics* (2019) vol. 46, art. 101659, 17 p. : ill.

1744. Rudzite, L. Theorizing the managerialism-neoliberalism-development nexus: changing donor landscapes and persistence of practices in Kyrgyzstan // *Theorizing Central Asian politics : The state, ideology and power*. Cham : Palgrave Macmillan, 2019. p. 65-93. (International Political Theory).
1745. Rungi, M. Whether it is I or we to praise for absorptive capacity: Data from Estonian medicine // *Journal of the knowledge economy* (2019) vol. 10, p. 1536-1557.
1746. Saarniit, L., Pevkur, A. Teaching ethics in academic curricula : case of five disciplines in Estonian public universities // *Ethical Perspectives* (2019) vol. 26, 1, p. 33-58.
1747. Saat, M. Asjade vald : essee // *Looming* (2019) 4, lk. 545-550.
1748. Saha, A.K. Need for sustainability assurance and role CMAs need to play right now! // *The cost & management* (2019) vol. 47, 5, p. 58-59.
1749. Salvet, S., Masso, A. Mediatization of (Im)mobility Experiences : New Media Use of (Im)mobile Groups // *Mediatization Studies* (2019) vol. 3, 1, p. 21-35 : ill.
1750. Sepp, J., Järvis, M., Reinhold, K. Assessment of psychosocial risk factors and their impact on health-care workers' mental health : an empirical study in Estonian nursing homes // *Research in economics and business : Central and Eastern Europe* (2019) vol. 11, 1, p. 17-32.
1751. Sepp, J., Järvis, M. Relationship between nursing home safety climate and caregivers' competence // *Economics and business* (2019) vol. 33, 1, p. 247-263 : ill.
1752. Sepp, J., Järvis, M., Reinhold, K. Work-related psychosocial risk factors and care workers mental health (in Estonia nursing homes) // *Economics and business* (2019) vol. 33, 1, p. 5-2.
1753. Shakya, S., Drechsler, W. The Guthis : Buddhist societal organization for the 21st century // *Buddhism around the world*. Hanoi : Religion Publisher, 2019. p. 499-527.
1754. Shumilo, O., Kerikmäe, T., Chochia, A. Restrictions of Russian internet resources in Ukraine : national security, censorship or both? // *Baltic journal of European studies* (2019) vol. 9, 3, p. 82-95.
1755. Siimets-Gross, H., Hoffmann, T. David Hilchens Juristenkorrespondenz vs juristische Korrespondenz // *Letters, Law and Court in Polish Livonia - the Case of David Hilchen* : International conference in Tallinn, 16.04-17.04, 2019. [Tallinn], 2019. p. 1.
1756. Sogomonjan, M., Kerikmäe, T., Ööpik, P., Ross, P. A report on the survey. Attitudes of Estonian healthcare professionals to internet-delivered cognitive behavioural therapy // *Cogent psychology* (2019) vol. 6, 1, art. 1637623, 12 p.
1757. Sogomonjan, M., Perera, K. La telemedecine en Estonie // *E-sante dans l'Union europeenne : regards sur la telemedecine, etudes comparees*. [S.l.] : Presses de l'universite Toulouse 1 capitole, 2019. p. 471-495.
1758. Solvak, M., Krimmer, R. The curse of knowledge? Does having more technology skills lead to less trust towards voting? // *Fourth International Joint Conference on Electronic Voting : E-Vote-ID 2019 : 1-4 October 2019, Lochau/Bregenz, Austria* : proceedings. Tallinn : TalTech Press, 2019. p. 204-207.
1759. Staehr, K. Økonomisk vækst, produktion og divergens i transitionslandene, Okonomisk vækst, produktion og divergens i transitionslandene // *Nordisk ostforum* (2019) vol. 33, p. 91-108.
1760. Stein, R., Wenda, G. Volksbegehren Online - Erste Erfahrungen // *Jusletter IT, Internet of Things - Digital Edition of Proceedings of the 22nd International Legal Informatics Symposium 2019* : proceedings (2019) 21. Febr.
1761. Stremy, T., Dianiška, G., Hamulak, O., Turay, L. Contributions of Slovak criminology to the development of restorative justice // *Acta Baltica historiae et philosophiae scientiarum* (2019) vol. 7, 1, p. 53-70.
1762. Zheng, X., Streimikiene, D., Balezentis, T., Mardani, A. A review of greenhouse gas emission profiles, dynamics, and climate change mitigation efforts across the key climate change players // *Journal of cleaner production* (2019) vol. 234, p. 1113-1133.
1763. Zheng, X., Zhang, L., Chen, R., Jia, L. International trade structure and analysis of complementarity between China and Poland, the Czech Republic and Hungary // *Argumenta oeconomica* (2019) vol. 43, 2, p. 39-65.
1764. Zheng, X., Zhou, S., An, Y. A cross-country study of financial reporting quality: insights and practical implications for 13 'One Belt One Road' countries // *Transformations in business & economics* (2019) vol. 18, 3C, p. 366-380.

1765. Tammpuu, P. "Yay! I am officially an #estonian #eResident!" : Representations of Estonian e-residency as a novel kind of state-related status and affiliation on Twitter // *Communication as the Intersection of the Old and the New: The Intellectual Work of the 2018 European Media and Communication Doctoral Summer School*. Bremen : edition lumière, 2019. p. 115-126. (The Researching and teaching communication series).
1766. Tammpuu, P., Masso, A. Transnational digital identity as an instrument for Global Digital Citizenship : The case of Estonia's e-Residency // *Information systems frontiers* (2019) vol. 21, 3, p. 621-634 : ill.
1767. Tapver, T. CSR reporting in banks: does the composition of the board of directors matter? // *Quantitative finance and economics* (2019) vol. 3, 2, p. 286-314.
1768. Tasane, H. Millised investeeringud toetavad väärtusloome kasvu? : [noorteadlaste konkursi Teadus kolme minutiga ettekanne] // *Teadus kolme minutiga : 2017-2019*. [Tallinn] : Argo, 2019. lk. 92-95 : portr., ill. (Elav teadus ; 21).
1769. Toots, M. Why E-participation systems fail : The case of Estonia's Osale.ee // *Government information quarterly* (2019) vol. 36, 3, p. 546-559 : ill.
1770. Tsybulenko, E., Platonova, A. Violations of freedom of expression and freedom of religion by the Russian Federation as the occupying power in Crimea // *Baltic journal of European studies* (2019) vol. 9, 3, p. 134-147.
1771. Tuisk, T., Prause, G. Socio-Economic aspects of free public transport // *Reliability and Statistics in Transportation and Communication : Selected Papers from the 18th International Conference on Reliability and Statistics in Transportation and Communication, RelStat'18, 17-20 October 2018, Riga, Latvia*. Cham : Springer, 2019. p. 3-13. (Lecture notes in networks and systems; 68).
1772. Tõnurist, P., Valdmaa, K., Raudla, R. Impact of climate discourse on national scientific networks in energy technologies: the case of Estonian science and industry linkages // *Halduskultuur: The Estonian journal of administrative culture and digital governance* (2019) vol. 20, 1, p. 20-45 : ill.
1773. Ukrainski, K., Kanep, H., Kirs, M., Karo, E. Internationalisation of firms' research and development activities : the experience from European Union framework programs // *International Journal of Export Marketing* (2019) vol. 2, 4, p. 291-315.
1774. Vassiljev, M., Alver, L. Behavioral aspects of auditing and the auditor's decision-making as a key cognitive process in the case of fraud // *Zeszyty teoretyczne rachunkowosci = Theoretical journal of accounting* (2019) tom 104, 160, p. 149-169.
1775. Vernygora, V., Holland, M., Chaban, N., Kerikmäe, T. The Asian experience for Europe : new perspectives // *Baltic journal of European studies* (2019) vol. 9, 2, p. 3-5.
1776. Vilcane, I., Koppel, T., Kalkis, H., Tsenter, O., Tint, P. The role of stakeholders in E-Occupational health and safety system in Estonia // *Advances in Human Factors in Training, Education, and Learning Sciences : Proceedings of the AHFE 2019 International Conference on Human Factors in Training, Education, and Learning Sciences, July 24-28, 2019, Washington D.C., USA*. Cham : Springer, 2019. p. 22-33. (Advances in Intelligent Systems and Computing ; 967).
1777. Voolaid, K., Ehrlich, Ü. Management change impact on organizational learning in a business school // *Electronic journal of knowledge management* (2019) vol. 17, 2, p. 131-143.
1778. Voolaid, K., Ehrlich, Ü., Kallaste, M. How entrepreneurial is the university? A case of the university of Technology // *Research in economics and business : Central and Eastern Europe* (2019) vol. 11, 2, p. 39-63.
1779. Wang, L., Jiang, F., Li, J., Motohashi, K., Zheng, X. The contingent effects of asset specificity, contract specificity, and trust on offshore relationship performance // *Journal of Business Research* (2019) vol. 99, p. 338-349 : ill.
1780. Wenda, G., Stein, R. Securing free and fair European Elections // *Jusletter IT, Internet of Things - Digital Edition of Proceedings of the 22nd International Legal Informatics Symposium 2019 : proceedings* (2019) 21. Febr.
1781. Wilson, R., Moktefi, A. A mathematical life // *The Mathematical World of Charles L. Dodgson (Lewis Carroll)*. Oxford : Oxford University Press, 2019. p. 1-30 : ill.

EESTI MEREAKADEEMIA

Raamatud

[Sisukord](#)

1782. Eesti Mereakadeemia bakalaureuseõppekavad 2019/20 / TalTech. [Tallinn] : Tallinna Tehnikaülikool, [2019]. 18 lk. : ill.
1783. Vitismann, M., Roosipuu, T. (toim.). Meremees : Eesti merendusajakiri = Estonian maritime magazine ; Veeteede Ameti Teataja. Nr. 1-4. Tallinn : Tallinna Tehnikaülikool, Eesti Mereakadeemia, 2019.

Artiklid

[Sisukord](#)

1784. Albri, R. Laevamehaanikute sajand : pärast juunipööret // Meremees. Veeteede Ameti teataja (2019) 4, lk. 24-25 : fot.
1785. Albri, R. Laevamehaanikute sajand // Meremees. Veeteede Ameti teataja (2019) 3, lk. 24-25 : fot.
1786. Albri, R. Lippude lehvides // Meremees. Veeteede Ameti teataja (2019) 1, lk. 24-25 : fot.
1787. Alop, A. On the way from unified and standardized MET to personalized maritime education // 26th International Maritime Lecturers Association Conference (IMLA 26) : Modern Challenges in Maritime Education and Training, September 23-25, 2019, Batumi State Maritime Academy : proceedings. Batumi : International Maritime Lecturers Association, 2019. p. 8-17.
1788. Alop, A. The challenges of the digital technology era for maritime education and training // 2019 European Navigation Conference (ENC) : Warsaw, Poland, 9-12 April, 2019. Danvers : IEEE, 2019. p. 9-14.
1789. Alop, A. The Main challenges and barriers to the successful "Smart Shipping" // TransNav: International Journal on Marine Navigation and Safety of Sea Transportation (2019) vol. 13, 3, p. 521-528.
1790. Bolmsten, J., Kasepõld, K., Heering, D., , Alop, A. et al. Maritime innovation management - a concept of an innovative course for young maritime professionals // Proceedings of the International Association of Maritime Universities (IAMU) Conference, Japan, Tokyo : the 20th Commemorative Annual General Assembly, AGA20 : International Association of Maritime Universities 30 October - 1 November 2019, Tokyo Japan. Tokyo : International Association of Maritime Universities, 2019. p. 268-274.
1791. Calle, M.A.G, Oshiro, R.E., Kõrgesaar, M. et al. Combined strain rate, mesh size and calibration test influence on structural failure : Miniature ship grounding test // Ocean engineering (2019) vol. 173, p. 215-226 : ill.
1792. Ghassemzadeh, A., Dashtimanesh, A., Habibiasl, M., Sahoo, P. Development of a mathematical model for performance prediction of planing catamaran in calm water // International journal of maritime engineering (2019) vol. 161, art.: IJME 538, p. 183-194.
1793. Guldenkoh, M. Puhkusetasu arvestamine // Raamatupidamise Praktik : Rp (2019) 133, lk. 32-33.
1794. Guldenkoh, M. Õppepuhkuse tasustamine // Raamatupidamise Praktik : Rp (2019) 137, lk. 23-24.
1795. Guldenkoh, M., Silberg, U. Pereettevõtlus Ida-Euroopa riikides : [kokkuvõte] // Eesti majanduspoliitilised väitlused : artiklid (CD-ROM), kokkuvõtted, kroonika = Estnische Gespräche über Wirtschaftspolitik : Beiträge (CD-ROM), Zusammenfassungen, Chronik = Estonian discussions on economic policy : Articles (CD-ROM), summaries, chronicle ; 27 (1-2). Tallinn : Mattimar ; Berlin : Berliner Wissenschafts-Verlag, 2019. lk. 63-67 : ill.
1796. Heering, D., Merirand, E., Leiger, R. Tulevik on mehitamata! // Eesti laevanduse aastaraamat 2019, Mereavarused. Tallinn : Sekstant, 2019. lk. 9-14 : ill.

1797. Hilmola, O.-P., Tolli, A. Growing trade, but slowing unitized short sea shipping : analysing Finland and Germany // *Transport and telecommunication* (2019) vol. 20, 1, p. 82-91 : ill.
1798. Khalyasmaa, A., Eroshenko, S., Zinovyev, K., Bolgov, V. Improvement of short-circuit calculation results reliability for large electric power systems // *2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM)*, Kärdla, Estonia, June 12-15, 2019 : proceedings. [S.l.] : IEEE, 2019. 6 p.
1799. Kivinukk, A., Saksa, A., Zeltser, M. On a cosine operator function framework of approximation processes in banach space // *Filomat* (2019) vol. 33, 13, p. 4213-4228.
1800. Kõrgesaar, M. The effect of low stress triaxialities and deformation paths on ductile fracture simulations of large shell structures // *Marine structures* (2019) vol. 63, p. 45-64 : ill.
1801. Kõrgesaar, M., Romanoff, J., St-Pierre, L., Varsta, P. Effect of weld modelling on crashworthiness optimization // *Trends in the analysis and design of marine structures : proceedings of the 7th International Conference on Marine Structures (MARSTRUCT 2019, Dubrovnik, Croatia, 6-8 May 2019)*. London : Taylor & Francis Group, 2019. p. 231-237 : ill.
1802. Köster, J. Laevajuhtimise eriala lõpueksamist // *Meremees. Veeteede Ameti teataja* (2019) 3, lk. 10-11.
1803. Lakatoš, M., Sahk, T., Kaarma, R., Tabri, K., Kõrgesaar, M., Andreasson, H. Experimental testing of spray rails for the resistance reduction of planing crafts // *Trends in the analysis and design of marine structures : proceedings of the 7th International Conference on Marine Structures (MARSTRUCT 2019, Dubrovnik, Croatia, 6-8 May 2019)*. London : Taylor & Francis Group, 2019. p. 334-343 : ill.
1804. Lezama-Solano, A., Castro, M., Chambers, D., Timberg, L., Koppel, K. et al. Benefits, Challenges, and Opportunities of Conducting a Collaborative Research Course in an International University Partnership : A Study Case Between Kansas State University and Tallinn University of Technology // *Journal of food science education* (2019) vol. 18, 4, p. 78-86 : ill.
1805. Lukman, A., Ilves, K., Mets, M. Kariibi mere saareelanike leidlikkusest, loovusest ja lahkusest // *Meremees. Veeteede Ameti teataja* (2019) 2, lk. 16-17 : fot.
1806. Metsaveer, G. Mereakadeemia tudengid lähevad rahvusvahelisele purjevõistlusele // *Mente et Manu* (2019) 3, lk. 61.
1807. Mugamäe, E. Ajarada - seilame läbi 100 aasta // *Mente et Manu* (2019) 4, lk. 44-45 : fot.
1808. Mugamäe, E. Praegused reaalajas navigeerimise süsteemid ei tööta, kui osa teekonnast läbitakse parvlaevadel // *Teeleht* (2019) 95, kevad, lk. 39 : ill.
1809. Paju, J., Laas, T., Priimets, J., Väli, B., Shirokova, V., Laas, K. On the effects of different regimes of plasma pulses affecting the material due to their succession // *Nuclear materials and energy* (2019) vol. 18, p. 312-320 : ill.
1810. Putranto, T., Kõrgesaar, M. Numerical study on the structural behavior of intact and damaged box beams under four-point bending load // *Developments in the Collision and Grounding of Ships and Offshore Structures : Proceedings of the 8th International Conference on Collision and Grounding of Ships and Offshore Structures (ICCGS 2019), 21-23 October, 2019, Lisbon, Portugal*. London : CRC Press, 2019. p. 139-143.
1811. Raadik Cottrell, J., Cottrell, S. Sense of place predictors of perceived effects of a proposed island to mainland bridge on future experience // *Island studies journal* (2019) vol. 14, 1, p. 187-204 : ill.
1812. Raudsalu, R. Meresõitja täna ja homme // *Eesti laevanduse aastaraamat 2019, Mereavarused*. Tallinn : Sekstant, 2019. lk. 19-24.
1813. Roosipuu, T. Eesti mereharidusasutused ajateljel // *Eesti laevanduse aastaraamat 2019, Mereavarused*. Tallinn : Sekstant, 2019. lk. 15-18 : fot.
1814. Roosipuu, T. Merendus uues koalitsioonilepingus // *Meremees. Veeteede Ameti teataja* (2019) 2, lk. 10.

1815. Roosipuu, T. "Regal Stari" õnnetuse põhjustest // Meremees. Veeteede Ameti teataja (2019) 2, lk. 20 : fot.
1816. Saarinen, Y., Saska, J. Matkelaevade sadamatasudest Läänemerel // Eesti laevanduse aastaraamat 2019, Mereavarused. Tallinn : Sekstant, 2019. lk. 57-67 : ill.
1817. Sahk, T., Hartikainen, A. Autonoomsuse esimene reegel : ole teadlik ümbritsevast! // *Mente et Manu* (2019) 3, lk. 42-45 : fot.
1818. Saksa, A., Kivinukk, A., Graf, O. On the cosine operator function framework of windowed Shannon sampling operators // 2019 International Conference on Sampling Theory and Applications (SampTA) : 13th International Conference : Bordeaux, France, July 8-12, 2019 : [proceedings]. [S.l.] : IEEE Computer Society Press, 2019. 4 p.
1819. Sayenko, Y., Kalyuzhniy, D., Bolgov, V. New way to identify and assess voltage unbalance emission sources in three-phase three-wire electrical networks // Power quality in distribution networks with distributed generation : International Ukraine-Poland Seminar, Kiev, July 4-5, 2019. Lodz : Institute of Electrical Power Engineering, University of Technology, 2019. p. 65-72 : ill.
1820. Sayenko, Y., Kalyuzhniy, D., Bolgov, V., Kütt, L. Mathematical model for assessment of voltage disturbing sources in networks with distributed power generation // *Przegląd elektrotechniczny = Electrical review* (2019) r. 95, 3, p. 49-53 : ill.
1821. Sencila, V., Alop, A. Possibility to Use Gartner Hype Cycle Approach for Autonomous Shipping // *Transport Means 2019. Sustainability: Research and Solutions: Proceedings of the 23rd International Scientific Conference, Part II*. Kaunas : Kaunas University of Technology, 2019. p. 574-577 : ill., phot.
1822. Zaitseva-Pärnaste, I. Hydrographic education in Estonia and assessment of future prospects of the program // *The 20th Commemorative Annual General Assembly AGA 20 : International Association of Maritime Universities, 30 October - 1 November 2019, Tokyo Japan : The International Association of Maritime Universities Conference book*. Tokyo : International Association of Maritime Universities, 2019. p. 83.
1823. Tavakoli, S., Dashtimanesh, A. A six-DOF theoretical model for steady turning maneuver of a planing hull // *Ocean engineering* (2019) vol. 189, art. 106328, 17 p. : ill.
1824. Саенко, Ю., Калюжный, Д., Болгов, В. Идентификация и оценка влияния источников несимметрии напряжений в трехфазных трехпроводных электрических сетях // *Технічна електродинаміка = Technical Electrodynamics* (2019) vol. 6, p. 65-73

MUUD VÄLJAANDED

Raamatud

[Sisukord](#)

1825. Annual report 2018 / TalTech. Tallinn : Tallinn University of Technology, 2019. 68 p. : ill.
1826. Kiisel, H., Erit, E. (koost.). Matemaatika laia kursuse ülesanded gümnaasiumile. Tallinn : [Tallinna Tehnikaülikooli Kirjastus], 2019. 180 lk.
1827. Kirss, J. (koost.). Tallinna Tehnikaülikooli publikatsioonid 2018 [Võrguteavik]. Tallinn : Tallinna Tehnikaülikooli raamatukogu, 2019. 176 lk.
1828. Liivik, O., Liibek, T. (koost.). Viimane peatükk : Baltisakslaste lahkumine Eestist 1939-1941 = Das Letzte Kapitel : Die Umsiedlung der Deutschbalten 1939-1941. Tallinn : Argo, c2019. 159 lk. : fot.
1829. Magistriõppe info 2019/2020 / TalTech. [Tallinn] : Tallinna Tehnikaülikool, [2019]. 15 lk. koos sisekaanega.
1830. Majandusaasta aruanne 2018 / TalTech. Tallinn : Tallinna Tehnikaülikool, 2019. 68 lk. : ill.
1831. Ringo, S., Kirss, J. (koost.). Tallinna Tehnikaülikooli Raamatukogu ajaraamat 2015-2019. Tallinn : [Tallinna Tehnikaülikooli Kirjastus], 2019. 115 lk. : ill.
1832. Sarv, M.Ö. (toim.). *Mente et Manu*. 1-5. Tallinn : Tallinna Tehnikaülikool, 2019.
1833. Tallinn University of Technology 2019. [Tallinn] : [Tallinn University of Technology], [2019]. 16, [2] p.
1834. Tallinna Tehnikaülikooli tudengiaabits : 2019/2020 õppeaastaks. Tallinn : Tallinna Tehnikaülikool, [2019]. 57 lk. : ill. + kalender.
1835. Tibar, A. (koost.). Tallinna Tehnikaülikooli raamatukogu 1919-2019. [Tallinn] : [Tallinna Tehnikaülikooli Kirjastus], 2019. [32] lk. : ill., fot.

Artiklid

[Sisukord](#)

1836. Aaviksoo, J. Akadeemia tegevusest 2017. aastal : astronoomia ja füüsika osakond : akadeemik Jaak Aaviksoo [sõnavõtt Eesti TA üldkogu aastakoosolekul 20. apr. 2018] // Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = *Annales Academiae Scientiarum Estonicae* : 2018. Tallinn : Eesti Teaduste Akadeemia, 2019. lk. 44. (Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = *Annales Academiae Scientiarum Estonicae* ; 24(51)).
1837. Aaviksoo, J. Teadus ja raha // *Riigikogu Toimetised* (2019) 40, lk. 21-28 : ill.
1838. Gordon, R., Tedremaa, A., Helenurm, V. TalTechi tudengisatelliidid : Koit läks juulis orbiidile, valmistub Hämarik // *Mente et Manu* (2019) 4, lk. 48-49 : fot.
1839. Järve, L. 2019. aasta suvel täitub 20 aastat e-õppe algusest ülikoolis // *Mente et Manu* (2019) 2, lk. 22-25 : ill.
1840. Kalda, K. Mida välisettevõtted TalTechi külastades otsivad? // *Mente et Manu* (2019) 1, lk. 58-59.
1841. Kalda, K. TalTech Ameerikat avastamas // *Mente et Manu* (2019) 2, lk. 48-51 : fot.
1842. Koidla, G. ERÜ aastapremia 2018 : Tallinna Tehnikaülikooli Raamatukogu raamatukoguhoidja Maris Nool // Eesti Raamatukoguhoidjate Ühingu aastaraamat 2018. Tallinn : Eesti Raamatukoguhoidjate Ühing, 2019. lk. 55.
1843. Liibek, T. Eesti elektriinseneride koolitamisest // *Elektriala* (2019) 2, lk. 21 : fot.
1844. Liibek, T. Fotograafia ja baltisakslaste ümberasumine = Fotografie und die Umsiedlung der Deutschbalten // Viimane peatükk : Baltisakslaste lahkumine Eestist 1939-1941 = Das Letzte Kapitel : Die Umsiedlung der Deutschbalten 1939-1941. Tallinn : Argo, c2019. lk. 44-47 : fot.
1845. Liibek, T. Fotograafia // Tallinna ajalugu. III, 1710-1917. Tallinn : Tallinna Linnaarhiiv, 2019. lk. 316-317.
1846. Liibek, T. Pildimaailm avardub. Fotograafia // Eesti kunsti ajalugu. 4, 1840-1900 = History of Estonian art. 4, 1840-1900. Tallinn : Eesti Kunstiakadeemia, 2019. Lk. 206-222.
1847. Lukas, M. Kolme Mektory asemel sündis üks, aga see-eest võimas // *Mente et Manu* (2019) 5, lk. 40-41 : fot.

1848. Matiisen, K. TalTechi parimad õppejõud saavad taotleda toetust õpetamise arendamiseks // *Mente et Manu* (2019) 1, lk. 34.
1849. Meister, M.-A. Kas uuenev NATO BRASS lihtsalt taasavastatud vana? // *Sõdur : Eesti sõjandusajakiri* (2019) vol. 107, 3, p. 40–41.
1850. Mägi, K. Vabandage, neiu, mida tõi teile 1977. aasta? - väljamaareisi ja palju armastust // *Mente et Manu* (2019) 5, lk. 62-63.
1851. Nool, M. Noorteklubi talveseminaril disainiti teenust // *Raamatukogu* (2019) 2, lk. 38-39 : fot.
1852. Nurmiste, T. 100-aastane raamatukogu on e-raamatukogu // *Mente et Manu* (2019) 2, lk. 58-59.
1853. Pärnmäe, R. Avatud laborid toovad ülikooli ettevõtetele ja tarbijatele lähemale // *Mente et Manu* (2019) 3, lk. 49-51 : fot.
1854. Sarv, M. Ö. Oota, õpi veel! // *Mente et Manu* (2019) 3, lk. 36-37 : fot.
1855. Sarv, M.Ö. Näita oma mootorrattale Musta merd // *Tervis Pluss* (2019) det., lk. 54-58 : fot.
1856. Sildvee, K. Kooliõpilaste keskus areneb ja kasvab // *Mente et Manu* (2019) 5, lk. 32-34 : fot.
1857. Sildvee, K. Olümpiaadid tõid eelõppesse uusi tuuli // *Mente et Manu* (2019) 2, lk. 26-27 : fot.
1858. Tedremaa, A., Gordon, R., Arvola, R. Tudengisatelliidid Koit ja Hämarik lendavad tänava orbiidile // *Mente et Manu* (2019) 3, lk. 46-48 fot.
1859. Tõiste, T. 100-aastane raamatukogu pakub kaasaegseid teenuseid // *Mente et Manu* (2019) 1, lk. 66-67.
1860. Tõiste, T. Prantsuse raamatukoguhoidjad Eesti raamatukogudes : [3.-4. aprillil külaskäigul Tallinna, Märjamaa ja Pärnu raamatukogudes] // *Raamatukogu* (2019) 2, lk. 40 : fot.
1861. Tõiste, T. Raamatukogud 2030 : ülevaade teemablokist // *Eesti Raamatukoguhoidjate Ühingu aastaraamat 2018*. Tallinn : Eesti Raamatukoguhoidjate Ühing, 2019. lk. 51-52. (*Eesti Raamatukoguhoidjate Ühingu aastaraamat ; 30*).
1862. Veinthal, R., Lukas, M. Rakendusteadusest ja teaduse rakendamisest // *Mente et Manu* (2019) 2, lk. 4-6.
1863. Vähi, K. Aasta tegijad // *Mente et Manu* (2019) 1, lk. 26-31 : fot.

A

Aaboe, Signe 1424
 Aakala, Tuomas 1449
 Aas, Krista..... 167
 Aas-Valleriani, Nele 1402, 1403
 Aav, Riina 1258, 1267, 1328, 1335, 1356,
 1364, 1386, 1387, 1475
 Aavik, Gerli..... 1545
 Aaviksoo, Jaak 1836, 1837
 Abbasi Aghdam Meinagh, Farad 456
 Abdalazeez, Ahmed ... 1148, 1149, 1150, 1151,
 1190, 1468
 Abdalla, Akram..... 457, 458
 Abdellatif, Safa 26
 Abdelmomen, Mohamed..... 459
 Abel, Mihkel 156
 Abell, Mervi..... 460
 Aben, Hillar..... 1152, 1153, 1154
 Abina, Jelena..... 296, 297
 Abodei, Ebizimoh 27
 Abovyan, L. S. 788
 Abramov, M. A. 461
 Adamberg, Karl..... 1131, 1369
 Adamberg, Signe..... 1131, 1369
 Adamson, Jasper 1206, 1328, 1335, 1375, 1386
 Aday, Sean 1495
 Adduce, Claudia..... 462
 Ademovic, Naida 669
 Adoberg, Annika..... 28, 37, 242, 243
 Adoberg, Eron..... 775
 Aeg, Kirsti..... 385
 Aeschbach-Hertig, Werner 1392, 1393
 Afolabi, T. A. 1435
 Agabus, Hannes 463, 538
 Aghayan, Marina..... 649
 Agren, Jonas..... 464
 Aguiar, Eva 1424
 Ahas, Rein..... 1655
 Ahi, Kalle..... 1546
 Ahirwal, Jitendra..... 1297
 Ahmad, Rizwan..... 106, 135, 331
 Ahmadiyahangar, Roya 465, 466, 467, 526,
 565, 608, 609, 701, 842, 843, 869, 969, 970,
 973
 Ahman, Danel 29
 Ahmed, Ifran 106

Ahmed, Kaiser 468, 469, 470
 Ahmed, Waqas..... 135, 331
 Ahonen, Mikko 1547, 1586, 1631
 Ainsaar, Leho..... 1155, 1240
 Ainsaar, Siim 1211
 Aitsam, Heleri..... 210
 Akalin, Ece 471
 Akinami, J.O. 1435
 Aksjonov, Andrei..... 338, 472, 473, 474, 475,
 1082
 Alagoz, Baris Baykant 30, 43
 Alam, Mahboob 1376, 1377, 1378
 Alam, Muhammad Mahtab 52, 106, 118, 135,
 136, 137, 138, 139, 184, 185, 186, 207, 276,
 278, 279, 302, 322, 331
 Alamgir, Asad..... 476
 Alampour-Rajabi, Setareh 114, 115
 Alamäe, Tiina 1208
 Alao, Percy 477, 478, 645
 Alari, Victor 1156, 1175
 Alatalu, Siim..... 1528
 Al-Battashi, Huda Sultan 1157
 Albert, Tiina..... 479
 Albri, Rein 1784, 1785, 1786
 Aleksejev, Igor..... 83
 Alenius, Pekko 1158
 Alexander, Andreas 31
 Alexandrescu, Dan..... 47, 48, 121, 158, 160
 Aliakhmet, Kamilla..... 842
 Alishani, Art 1521, 1522
 AlJa'am, Jihad Mohamad..... 293
 Alkadri, Miktha Farid 480
 Allen, David T. 1159
 Allik, Ardo 32, 33
 Alliksaar, Tiit 1319, 1473
 Almroth-Rosell, E. 1340
 Alonso, Florian 1160
 Alop, Anatoli 1787, 1788, 1789, 1790, 1821
 Alopaeus, Ville 508
 Alper Koray 471
 Altmäe, Erik..... 481
 Altosaar, Mare 577, 1034
 Altpere, Anne..... 339
 Alumäe, Tanel..... 34, 67, 304, 305
 Alvaro, J. Javier 1382, 1383
 Alver, Jaan 1548, 1549

Alver, Lehte 1548, 1549, 1627, 1628, 1774
Amaratunga, Dilanthi..... 633
Ambroziak, Leszek 35
Amon, Leeli 1319
An, Yi..... 1550, 1764
Andersson, Maria A. 482, 483
Andersson, Mathias..... 830
Andreassen, Tor W. 1513, 1596
Andreasson, Henrik..... 1803
Andrekson, Peter Avo 38
Andriushchenko, Ekaterina..... 484, 485
Andronnikov, Konstantin..... 656
Andžāns, Maris 1495
Anier, Aivo 200, 324
Anier, Kaili 1474
Annamalai, Neelamegam 1157
Annus, Ivar..... 486, 725, 741, 1069
Annus, Paul 193, 198
Anton, Johan 790, 1104, 1154
Antoniêto, Amanda Cristina Campos 1371
Antonov, Aleksander 1516
Antonov, Maksim 487, 488, 512, 517, 580,
663, 720, 776, 817, 905, 906, 907, 908, 910,
994, 1053, 1054, 1067
Antov, Dago 708, 794
Apneet Kaur 325
Årestedt, Liselott..... 36
Arikas, Age 1161
Arjassov, Gennadi..... 1012
Arju, Georg 1414
Arm, Margus 1496
Arro, Joann Gustav 1271
Artemtšuk, Igor 1
Aru, Minni 883
Arumägi, Endrik 735, 736, 763, 982
Arund, Jürgen..... 28, 37, 242, 243
Arvola, Rene 1551, 1858
Asad, Bilal... 489, 490, 491, 492, 493, 494, 495
Astapov, Victor..... 1040
Asten, Ardi..... 340
Astra, Egon 2, 38
Astra, Hanna-Liina..... 496
Astrov, Igor 145, 497, 866
Astrova, Irina 39, 143, 144, 145, 146
Azad, Siavoosh Payandeh..... 40, 41, 64, 65,
215
Azevedo, Nuno F. 1413
Azık, Derya 558
Azogu, Irene..... 27, 42
Atari, Sina 1552, 1553
Ates, Abdullah 43
Attila, Jenni 1322
Augsburg, Klaus 474
Auriemma, Fabio 498, 499, 500, 580, 790

Autsou, Siarhei 501
Avarmaa, Mari..... 1540
Avots, Egils..... 44
Ayala, Néstor F..... 1554
Ayankojo, Akinrinade George 502
Ayansola, Gbenga..... 644
Aydin, Ugur 503, 504, 913, 955
Aydinyan, Sofiya 505, 506, 542, 776, 777,
788, 817, 818, 819, 820, 821, 1002, 1003
Aylward, Philip E. 93

B

Babaei, Ebrahim 456
Bachmann, Maie 44, 112, 250, 251, 252
Backlund, Peter 527
Badani, Purav M. 1213
Baeten, Nicole J. 1176
Bagbaba, Ahmet Cagri..... 45, 100, 1162
Bagdavičiute, Ingrida 1163
Bagheri, Mehdi 843
Bahsi, Hayretdin ... 46, 95, 96, 97, 98, 191, 300
Baird, Zachariah Steven..... 507, 508
Bakkar, Yassine 1552, 1555, 1687
Balakrishnan, Aneesh 47, 48, 100, 121, 158,
160, 161
Balaž, Matej..... 509
Baldar, Sergio 874
Balezentis, Tomas..... 1762
Ballegooij, Wouter van 1507
Baloch, Natasha 302
Balpreet Kaur.... 452, 453, 454, 455, 722, 1031
Banach, Maciej 49
Bandil, Kapil..... 510
Banerjea, Rowena Yvonne 1451
Bansal, Neha 548
Banys, Valdas 241
Baraškova, Tatjana 511
Barbaro, Elena 1445
Baroninš, Janis 512, 776
Baroudi, Djebar..... 560
Barrero-Gonzalez, Fermin 513
Bartosiewicz, Zbigniew 50
Barysevich, Maryia V..... 1164, 1206
Basharkhah, Katayoon..... 335
Bashir, Mohsin..... 1735
Bassir, David..... 684
Baškır, Anastassia..... 1386
Batura, Olga 1497
Bauert, Heikki..... 1165, 1166, 1382, 1383
Baumgartner, Stephanie..... 514
Bauwens, Michel 1498
Beck, Yuval 178
Beckert, Bernhard 1523

Beg, Nauman.....	515
Bekenova, Zhumagul	1677
Belahcen, Anouar.....	490, 491, 492, 493, 494, 495, 503, 504, 516, 575, 576, 590, 591, 593, 647, 749, 755, 828, 829, 865, 913, 914, 926, 955, 956, 975, 976, 1025, 1026, 1029
Belikov, Juri... 50, 51, 105, 165, 178, 286, 292, 294, 308, 310	
Belle, Simon.....	1473
Ben Hassine, Mohamed Ali	26
Ben Yahia, Sadok... 26, 56, 187, 269, 275, 288, 293, 295, 326, 333	
Ben-Asher, Noam	151, 152
Benayoun, Emily.....	1167
Bencsik, Otto.....	948
Bendikiene, Regita.....	517
Berber, Hakan	518, 758
Bereznev, Sergei	457, 512, 568, 689
Berezovski, Arkadi 1115, 1168, 1169, 1170, 1171, 1172	
Berezovski, Mihhail.....	1172
Berger, Kevin.....	992
Bernardo, Joseph.....	1314
Berryhill, Jamie.....	3
Berziņa-Čerenkova, Una.....	1495
Bettini, Simona	1173
Bhadoria, Rohit.....	1174, 1377, 1378
Bhargava, Shruti	115
Biechl, Helmuth	515, 592, 608, 610
Biloshkurska, Nataliia.....	1714, 1720
Biloshkurskyi, Mykola.....	1714
Biondi, Stefano	1528
Birgiel, Elzbieta	1183
Birkedal Nielsen, Rikke.....	1303, 1304, 1305
Birski, Łukasz	1329
Bishop, Douglas M.	581
Biyabani, Sara R.	52
Bjune, Anne E.	1404
Björkqvist, Jan-Victor.....	1156, 1175
Blaabjerg, Frede 536, 598, 778, 953, 977, 1076	
Blankschyn, Maximilian	144, 145
Blaus, Ansis	1404
Blinov, Andrei... 519, 520, 521, 522, 567, 616, 699, 700, 1009, 1010, 1011, 1113	
Blumbers, Bernhards.....	4, 53, 54, 55, 204
Boavida, Isabel.....	68
Bobrova, Angelina	1556
Bodewes, Anke	1497
Bøe, Reidulv	1176, 1199
Boevsky, Ivan	1708
Bogatov, Andrei.....	476, 523, 891, 1112
Bolgov, Viktor	1798, 1819, 1820, 1824
Bolkesjö, Torjus Folsland	781
Bolmsten, Johan.....	1790
Bolobajev, Juri	524, 525, 658, 659, 660, 661, 662
Bolwig, Simon	781
Bombieri, Nicola.....	91
Bond, Francis.....	168
Bondarenko, Yevhen	729, 730, 731
Bordin, Chiara.....	822, 823
Borghei Razavi, Niloofar	1654
Borhan Dayani, Aida	526
Boris, Renata.....	1228, 1229
Bormann, Sven-Kristjan	1557
Borodinecs, Anatolijs	1004
Borodovskiy, Andrey.....	1181
Boroznjak, Roman	675, 676, 677, 927
Borovkov, Victor	1173, 1213, 1244, 1245, 1277, 1332, 1387, 1475, 1490
Bozzoli, Ludovica.....	222
Bouasker, Souad	56
Bowman, Chelise N.	1177
Boyarchuk, Artem.....	104
Boyko, Aleksey.....	793
Braghiroli, Stefano.....	1558
Bragina, Olga.....	1291
Brammertz, Guy	920
Branco, Paulo.....	57
Brandsen, Taco	1649
Braschinsky, Alan.....	1377, 1378
Braun Binder, Nadja	1559
Braunbrück, Andres 748, 1228, 1229, 1230, 1231, 1232	
Brenne, F.....	947
Briscoe, Joe.....	537
Brocken, Emma	58
Brown, Alex.....	1178, 1451
Brown, Kendrick J.	1209
Bruckert, Eric.....	49
Bruening, Thorger.....	1425
Bucinkas, Vytautas.....	631
Buldaz, Ahto	59, 60
Burankova, Tatsiana	1475
Burgay, F.	1445
Burke, Robert.....	1560
Burko, Maria.....	878
Butt, Benjamin G.	1447
Bünz, Stefan.....	1233, 1234
<hr/>	
C	
Caballero, R.	920
Çalışkan, Emin.....	61
Calle, Miguel A. G.....	1791
Calzati, Stefano.....	1499, 1500, 1561, 1562
Camenisch, Gian-Marco	182
Capobianco, Silvio.....	62

Carlberg, Michael 1563, 1586, 1631
 Carrara, Massimiliano 1564
 Carrier, D. Julie 1159
 Carrington, Thomas 1607
 Carter, Vachel A. 1209
 Castagnoli, Emmanuelle 527
 Castillon Del Mar, Joanna Rose 63
 Castro, Mauricio 1804
 Cepilovs, Aleksandrs 1565, 1608, 1736
 Cerina, Aija 1450
 Chaban, Natalia 1775
 Chambers, Delores 1804
 Chasanidou, Dimitra 1612
 Chaves, Cesar Giovanni 64, 65
 Chellappa, Vigneshkumar 528
 Chen, Hungyen 1354
 Chen, Juan 66, 298, 299
 Chen, Juanho 100
 Chen, Keren 529
 Chen, Liubing 1550
 Chen, Nanxin 67
 Chen, P. 761
 Chen, Ruilin 1763
 Chen, Z. 761
 Chen, Zengjun 530, 531
 Chen, Tom 1598
 Chetveryk, Olena 1717
 Chi, Pei-Yin 1179
 Chiffi, Daniele 1564, 1566
 Chiodetto, Nicola 755
 Chiu, Nikita 1567
 Chochia, Archil 1568, 1594, 1619, 1680,
 1754
 Chopyk, Vasiliy 599
 Chorowski, Jan 67
 Chub, Andrii 456, 521, 522, 532, 533, 534,
 535, 536, 601, 699, 770, 779, 952, 953, 977,
 1075, 1076, 1077, 1078
 Clogher, Rob 3
 Clorennec, Dominique 830
 Clot, Eric 1364
 Colleter, Gildas 1180
 Consonni, Vincent 537
 Costa, Maria J. 68
 Cottrell, Stuart 1811
 Crasta, Cletus J. 538, 539
 Cruz, Eduardo Picanco 1501
 Cruz-Machado, Virgilio 943
 Csaki, Štefan 640
 Czajkowski, Mikolaj 1588
 Czuppon, Grörgy 1392, 1393
 Cuc, Julio Estanislao 1569
 Cuestas, Juan Carlos 540, 1502, 1570, 1571,
 1690

Cui, Baotong 298, 299
 Culin, Chris 541
 Cuthbertson, Alan 462
 Cygan, Slawomir 506

D

Dahlberg, Artur 507
 Dai, Feng 1492
 Dai, Patrick 217
 Damljanovic, Aleksa 69, 70, 71
 Damodaram, R. 903
 Danese, Alessandro 91, 92
 Danilson, Mati 457, 665, 840, 988, 1034,
 1042
 Dannemann, Frank 183
 Danylyshyn, Bohdan 1572
 Darr, Alexander 1361
 Dashtimanesh, Abbas 1792, 1823
 Daubon, Thomas 1160
 Dave, Bhargav 702
 Davtyan, D. 542
 De Falco, Maria Chiara 462
 De Florio, Ciro 1564
 De Luca, Fransesco 480, 543, 544, 545, 680
 De Sio, Corrado 222
 Dea, Shannon 72
 Dedov, Andrei 752, 826
 Dedova, Tatjana 686
 Deemant, Merili 354
 Deev, Evgeny 1181
 Delpêche-Ellmann, Nicole Camille 1066,
 1182, 1183, 1184, 1185, 1186, 1187
 Demirag, Istemihan Sefik 1560
 Dengiz, Ozan Fuat 459
 Denissova, Natalja 341
 Deptula, Paulina 1188
 Descamps, Olivier S. 49
 Devadze, Sergei 83, 124
 Deval, Vipin 73, 79
 Dhoska, Klodian 892
 Diallo, Gayo 56
 Dianiška, Gustav 1761
 Dick, G. 74
 Didenkulova, Ekaterina 1373
 Didenkulova, Irina 1148, 1149, 1150, 1151,
 1189, 1190, 1191, 1227, 1373, 1459, 1468,
 1494
 Dieterich, Christian 1147
 Dieves, Veiko 46
 Diguët, Jean-Philippe 261
 Dimitrov, Dimiter 568
 Divine, Dmitry V. 1246
 Dixit, Abhishek 79

Dobrokhotov, V.B.....461
 Dogru, John Mehmet Ulgar326
 Dong, ZhaoYang..... 1110
 Doran, Peter 1243
 Douglas, James W..... 1573, 1735
 Draganov, Deyan 1334
 Draheim, Dirk 27, 42, 75, 147, 149, 162,
 167, 187, 232, 235, 245, 267, 275, 288, 307,
 316, 317, 326
 Drechsler, Wolfgang.. 1503, 1517, 1574, 1575,
 1576, 1577, 1726, 1753
 Drell, Tiina..... 1116
 Drews, Monika.....312
 Drieberg, Micheal 135
 Driese, Steven G. 1436
 Drozdova, Maria604
 Družinina, Jelena..... 1504
 Dudkina, Marina981
 Duenas Cid, David..... 1523, 1635, 1636, 1637,
 1640
 Dulova, Niina..... 452, 453, 454, 455, 686, 721,
 722, 1031, 1032
 Dupont, Sam 1367
 Dutt, Pawan Kumar..... 1578
 Dutykh, Denys . 1148, 1149, 1150, 1151, 1190,
 1468
 Dwivedi, Vimal Kumar..... 79
 Dündar, Ibrahim..... 530, 531, 546, 547

E

Earls, Jordan.....217
 Eckert, Jürgen 946, 947
 Eckert, Mario 57, 80, 89
 Edéll-Gustafsson, Ulla 334
 Edinger, Stefan.....548
 Eek, Priit 1207, 1208, 1388
 Eensalu, Jako Siim..... 549, 550, 551, 569, 570,
 849
 Eensalu, Lauri490
 Eensoo, Siim 1465
 Eerme, Martin 630, 684, 790, 791
 Eero, Peeter 339
 Eessaar, Erki 81
 Eggersgluss, Stephan 82
 Eha, Kaie..... 452, 453
 Ehrenberg, Heiko 83
 Ehrlich, Üllas 1505, 1777, 1778
 Eilola, Kari 1340
 Einard, Marve 642, 643
 Einstein, Sandra 84
 Elbrecht, Eduard 1506
 Elek, Gabor Zoltan..... 1192, 1193, 1194, 1195,
 1196, 1197

Eliasson, Henrik..... 38
 Eliseyev, Ilya 283
 Elken, Jüri 1198
 Ellervee, Peeter 16, 266
 Ellmann, Artu 464, 552, 553, 554, 555, 556,
 557, 626, 690, 691, 807, 808, 809, 810, 811,
 812, 850, 1064, 1065, 1066, 1182, 1183,
 1185, 1186, 1285
 Elloumi, Samir 269, 293
 Elofsson, Katarina..... 1588
 Elvenes, S. 1199
 Engelbrecht, Jüri 1117, 1200, 1201, 1202,
 1203, 1204, 1205, 1372, 1406, 1462
 Englas, Malle 1140
 Engström-Öst, Jonna..... 1210
 Eomäe, Taavi 12
 Erit, Esta 1826
 Erkman, Kristin..... 1347, 1348, 1349
 Erlenheim, Regina 5
 Erme, Enn 1417
 Ermolovich, Yuri 1206
 Ernits, Kaia 861
 Ernits, Karin..... 1207, 1208
 Ernits, Margus..... 181
 Ernst, Andrej..... 1484
 Eroshenko, Stanislav A..... 1798
 Ersan, Özlem..... 558
 Eränen, K. 1359
 Espak, Peeter..... 1537
 Espirito Santo, Jose..... 85
 Ess, Margus..... 340
 Essen, Akim..... 86
 Evas, Tatjana..... 1507

F

Fadejev, Jevgeni 468, 561, 562
 Fahmid, Imam Mujahidin 1579
 Falcao, Roberto Pessoa de Queiroz 1501
 Fan, Zheng 911, 912
 Fazlollahtabar, Hamed 526
 Felemban, Emad 302
 Feliuss, L.C. 559
 Feng, Chunhua 1006
 Fernando Lozano, J.F..... 930
 Fernström, Anders 321
 Ferrantelli, Andrea 367, 560, 561, 562, 563,
 702, 874, 1088, 1089, 1090
 Ferraro, Simona 1581
 Ferreira, Maria de Fátima 1580
 Fesenko, Artem..... 564
 Fey, Goerschwin 92
 Fichtner, Maximilian 201
 Fieten, Sander 307

Fındık, Gizem 629
 Firouzjah, Khalil Gorgani 565
 Firsov, Denis 59
 Firth, Andrew E. 1447
 Fischer, Dirk-Hinnerk 1508, 1559, 1581
 Flores-Bahamonde, Freddy 779
 Florescu, Gabriela 1209
 Fomitšenko, Maria 1258, 1267, 1386
 Fomitšov, Mihhail 566, 877
 Forbes, I. 1455
 Fornari, W. 571
 Fornes, Jordi Mateo 822
 Forsberg, R. 464
 Forsblom, Louise 1210
 Fouxon, Itzhak 1211
 Frangi, Andrea 958
 Frank, Alejandro G. 1554
 Freiberg, Rene 1319
 Freire, Marlon 1582, 1636
 Freudenberg, Peggy 687
 Fridolin, Ivo .28, 32, 33, 37, 87, 112, 113, 128,
 242, 243
 Frišćic, Tomislav 1258
 Fryda, Jiri 1466
 Frydenberg, Mark 88
 Fuentes-Pérez, Juan Francisco 6, 57, 68, 80, 89
 Fujisawa, Takao 1308

G

Gabbay, Dov 1509
 Gabdrakhmanov, Dinar 1212
 Gabovich, Boris 1492
 Gadjov, Iliya 568
 Gadyatskaya, Olga 60
 Galinien, Jelena 1163
 Galka, Mariusz 1450
 Galkin, Ilja 520, 567
 Gallet, Jean-Charles 1246
 Galvão, N. 727
 Gameiro da Silva, Manuel Carlos 445
 Gammer, C. 946
 Ganchev, Maxim 568, 569, 570
 Gasik, Michael 944
 Gathergood, Nicholas 1159, 1206, 1269,
 1300, 1301, 1339, 1346, 1384
 Gawade, Prashant M. 1213
 Gavrilov, Aleksei 1214, 1215, 1216
 Geetha, Mohan 806
 Georges, Laurent 559, 571, 1022
 Gerassimenko, Jelena 1217
 Gerlitz, Laima 1689, 1696, 1698
 Gerstlberger, Wolfgang 1554
 Gerviene, Silvija 1583

Gesecke, Thomas 1404
 Getreu, Jens 90
 Gevorkov, Levon 572, 573
 Ghahfarokhi, Payam Shams 434, 575, 576,
 647, 975, 976
 Ghasempouri, Tara 91, 92, 158
 Ghassemzadeh, Abbas 1792
 Ghisani, Fairouz 577
 Giancane, Gabriele 1173
 Giotitsas, Christos 1510
 Giraldo, Sergio 932
 Giudici, Andrea 1218, 1219, 1220
 Glorieux, Maximilien 47, 48, 161
 Glušková, Irina 1584
 Goetz, Florian 1353
 Goi, Anna 525, 578, 579
 Goidyk, Oksana 1221, 1228, 1229, 1230,
 1231, 1232
 Goldman, Daniel 1314
 Goljandin, Dmitri 461, 488, 644, 719, 750,
 1053
 Gomon, Dmitri 580
 Gong, Jinlong 1159
 Gonzalez, Francisco R. 1222
 Goodman, Shaun G. 93
 Gorbatšova, Jelena 1417
 Gordon, Rauno 1838, 1858
 Gosselin, Marie-Pierre 94
 Graf, Olga 1223, 1224, 1225, 1818
 Graffenberger, Martin 1737
 Grandry, Eric 307
 Granhag, Lena 1399
 Grenman, H. 1359
 Groot, Wim 1651
 Grossberg, Maarja 581, 582, 664, 665, 666,
 861, 867, 868, 1034, 1292
 Gross-Paju, Katrin 133, 259
 Grönman, Jer 268
 Guerra-Manzanares, Alejandro ... 95, 96, 97, 98
 Gunnarshaug Lien, Anne 736
 Guo, Jianxin 1244, 1245, 1490
 Gupta, Anindya 99
 Gupta, Vijai Kumar ... 1118, 1157, 1371, 1384,
 1385, 1446
 Gurau, Calin 1612
 Gurvitš-Suits, Natalie Aleksandra 1584
 Gusev, Evgeny 1493
 Gustavson, Heleen 584
 Güldenkoh, Maret 1793, 1794, 1795
 Gürsoy, Cemil Cem 69, 100, 101, 148, 227,
 228

H

- Haapola, Jussi 138
Haas, Christian..... 102
Haass, Stefan G..... 932
Haav, Hele-Mai..... 103
Haavajõe, Anti 343
Habibiasl, M..... 1792
Hade, Sigrid 1391
Haffner, Robert 1497
Hages, Charles J..... 581
Haiba, Egge..... 838
Hain, Tiina 719
Hallik, Helle..... 583
Hallik, Jaanus..... 584, 585, 586, 735, 736
Halling, Evelin 7, 104
Halonen, Kari..... 16
Hamad, Sofian..... 333
Hamburg, Anti 587, 588, 814
Hamburg, Arvi..... 925
Hamdioui, Said 82
Hamulak, Ondrej..... 1585, 1644, 1725, 1761
Hanau Santini, Ruth 1534
Hanni, Hille..... 339
Hannukainen, Antti 926
Harby, Atle..... 94
Hardell, Lennart 1563, 1586, 1631
Harff, Jan 1119, 1226
Hariharan, Ranganathan..... 8
Haripriya, N. 105
Harish, S..... 1227
Hartikainen, Anni..... 1817
Hartšenko, Jelena 1587, 1647
Hartveld, Aron 58
Harun, Harun..... 1579
Hasan, Mohammed 1277
Hasler, Berit 1588
Hassan, Hammad 106
Hassan, Syed Rizwan..... 971, 972
Hasu, Tero..... 736
Hazak, Aaro 1589, 1590
Hawes, Ian..... 1243
Haydon, Nathan Joseph 72
Hedendahl, Lena 1563, 1586, 1631
Heering, Dan 1790, 1796
Heidari, Hamidreza 589, 590, 591, 916
Hein, Heili..... 1590
Heine, Felix..... 39, 146
Heininen, Henrik..... 469
Heinsalu, Atko 1319, 1450, 1451
Helenurm, Victoria 1838
Helguero, Jorge..... 592
Helin, Kaj..... 344
Hemeida, Ahmed 593
Hendla, Ivar 1624
Hendre, Enn 365
Hendricks, Andreas..... 594
Hennies, Manfred O. E. 1505
Henno, Jaak. 107, 108, 109, 110, 120, 268, 336
Hermansson, M..... 1247
Hernandez, Jose G. 509
Herrera, Luis-Carlos 111
Herrmann, Heiko 1120, 1221, 1228, 1229,
1230, 1231, 1232
Hiie, Jaan 987
Hilali-Jaghdam, Ines 295
Hilmola, Olli-Pekka..... 1797
Himmler, Tobias 1233, 1234, 1235, 1236, 1242
Hinkkanen, Marko 829
Hinrikus, Hiie 112, 250, 251, 252
Hints, Linda 1237
Hints, Olle..... 1124, 1155, 1167, 1177, 1238,
1239, 1240, 1293, 1314, 1315, 1360, 1382,
1383, 1390, 1408, 1466, 1467, 1481
Hižnjakov, Vladimir 1457
Hitch, Michael . 1222, 1241, 1313, 1330, 1370,
1487
Hjelm, Carina..... 36
Hlava, Jaroslav..... 824
Hoda, Samir 459
Hodson, Andreas J. 31
Hoffmann, Thomas 1511, 1558, 1591, 1592,
1593, 1594, 1755
Hofmann, Veronika 1098
Holland, Martin..... 1775
Hollebeek, Linda D... 1512, 1513, 1595, 1596,
1597, 1598, 1599, 1601, 1602, 1612, 1654,
1731, 1732
Hollstein, Thomas..... 64, 65, 270, 271
Holmar, Jana 113, 114, 115
Holmer, L. E. 1382, 1383
Holovenko, Yaroslav . 345, 488, 499, 500, 595,
821, 908
Hong, Wei-Li..... 1242
Hosseinzadeh, Saeed..... 596
Howard-Williams, Clive..... 1243
Hu, Xiaoyun..... 1244, 1245, 1490
Hulan, Tomáš..... 640
Hunko, Iryna 937
Hunt, Shannon 1180
Husev, Oleksandr..... 513, 564, 597, 598, 599,
600, 601, 602, 802, 803, 804, 885, 887, 929,
991
Hussainova, Irina 356, 488, 505, 506, 512,
542, 603, 604, 605, 606, 648, 649, 650, 651,
652, 776, 777, 817, 818, 819, 820, 821, 930,
931, 944, 945, 1015, 1055
Huttunen, Risto 460

Häring, Tobias..... 467, 565, 607, 608, 609, 610
Härmat, Karin 116, 117, 118, 119
Hääl, Kaido 346, 347, 348
Hüvonen, Dan 1073

I

Idnurm, Juhan 960
Igavens, Maris 437, 438, 999
Igbal, Sharif 1374
Iital, Arvo 739, 740, 753
Ilic, Krunoslav 1412
Illiashenko, Oleg 104
Illiashenko, Pavlo 1600
Illison, Lauri 1421
Ilomets, Simo 611, 612
Ilves, Kaisa 1805
Ilvonen, Liisa 1449
Inskeep, Caleb 78
Iqbal, Muhammad Naveed 491, 493, 613,
614, 615, 622, 969, 971, 972, 973
Irtiseva, Kristine 750
Isakar, Mare 1239, 1467
Isaksson, Elisabeth 1246, 1247
Iskryk, Marharyta 1164
Islam, Jamid Ul 1595, 1601, 1602
Issajeva, Jelena 1702
Ivakhno, Volodymyr 521, 616, 1113
Ivanisenko, Yulia 855
Ivanov, Alexander 1469
Ivanov, Roman... 488, 595, 604, 605, 606, 944,
945, 1015
Ivanova Drenkova-Tuhtan, Asya 76, 77, 78,
202, 203
Ivask, Angela 909, 1413
Ivask, Jüri 1248, 1249, 1250, 1251, 1389,
1391, 1392, 1393
Ivask, Mari 350, 617, 618, 806, 904

J

Jaagura, Madis 1333, 1369
Jaakkola, Hannu.. 107, 108, 109, 110, 120, 336
Jaanson, Kaido 1252
Jaanus, Martin 320, 619
Jacobs, Anthony D. 1313
Jahanmard, Vahidreza 1186
Jairus, Tanel 1544
Jajuga, Krzysztof 1514
Jakobson, Irena 1121, 1254, 1416
Jakobson, Liina 1253
Jakobson, Siiri 1140, 1142
Jakštas, Vytautas 132
Jalakas, Tanel 620, 834, 929, 1079

Jan, Johannson 736
Janáková, Eva 1254
Janda, Alexander 789
Jandt, Simon 1255
Jankauskas, Vytenis 663, 1037
Jankowski, Joachim 114, 115
Janno, Jaan 1122, 1281, 1282, 1283
Janno, Jelizaveta 351, 621
Janson, Karl 183
Jarkovoi, Marek 352, 614, 622
Jasinskas, A. 249
Jasiuk, Iwona 604, 605, 606
Javed, Kasif 353, 624
Jefimova, Jekaterina 640
Jenihhin, Maksim 45, 47, 48, 69, 100, 101,
121, 124, 148, 158, 159, 213, 227, 228, 229,
319, 325, 335, 1162
Jensen-Urstad, Mats 272
Jerjomina, J. 240
Jerney, Jacqueline 1427
Jeronen, Juha 914
Jervan, Gert 32, 33, 40, 41, 215, 216
Jha, Puskar 983
Ji, Zhiying 1603
Jia, Lijun 1763
Jia, Yandong 1005
Jiang, Fuming 1779
Jiang, Zhengxian 298
Jin, Zebin 1550
Joamets, Kristi 1604, 1605, 1606
Jochmans, Dirk 1488
Johansson, Jan 272
Johnsen, Agr 1607
Jokubauskas, D. 632
Jones, J. 74
Jordan, Andrew 1269
Josepson, Raavo 1034
Juganson, Katre 1412
Juhani, Kristjan 517, 625, 1018, 1019, 1037
Juhanson, Alina 1693
Julge, Kalev 626
Jurjeva, Jelena 627
Juronen, Delia 195
Juss, Andres 1506
Just, Alar 354, 645, 763, 764, 765, 831, 832,
958, 1035, 1036
Jutman, Artur 70, 71, 82, 83, 222
Juuse, Egert 1608, 1736
Jõelet, Marek 595
Jõeveer, Karin 1609
Järv, Jaak 402, 1142
Järv, Priit 122, 313
Järve, Kadri 1254, 1416
Järve, Liisi 1839

Järvelill, Johanna-Iisebel..... 1256
 Järvik, Jaan..... 628
 Järvik, Oliver..... 697, 698, 839
 Järving, Ivar 1174, 1197, 1206, 1258, 1259,
 1261, 1278, 1347, 1375, 1376, 1386, 1388,
 1430
 Järvis, Marina.... 1707, 1740, 1750, 1751, 1752
 Järviste, Raul..... 1465
 Jörgensen, Kristen S..... 1257
 Jürimägi, Lembit..... 123, 124, 125, 319
 Jüristo, Kaspar..... 211, 212
 Jyrkinen, Marjut..... 1685

K

Kaabel, Sandra 1123, 1206, 1213, 1258,
 1259, 1260, 1261, 1278, 1335, 1347, 1386,
 1430, 1475
 Kaarma, R. 1803
 Kaarsgaard, Robin..... 126
 Kaasik, Mikk..... 1259, 1260, 1261, 1342, 1375
 Kacan, Bilgesu 629
 Kadak, Tarmo 1521, 1522, 1648
 Kaganski, Sergei 630
 Kahru, Anne 1300, 1301
 Kaiser, Ahmed 735, 736
 Kaklauskas, Arturas ... 631, 632, 633, 634, 635
 Kala, Vello 636
 Kalamees, Targo 354, 469, 584, 585, 586,
 587, 588, 612, 637, 638, 709, 710, 711, 712,
 735, 736, 738, 768, 769, 814, 875, 876,
 1004
 Kalbe, Kristo 637, 638, 735, 736
 Kalda, Jaan..... 1211, 1219, 1262, 1405, 1406,
 1407
 Kalda, Krister..... 1840, 1841
 Kaldas, Kristiina 1263, 1264, 1265, 1359
 Kaldmäe, Arvo..... 51, 127
 Kaldvee, Vahur 1156
 Kale, Sudhir S. 604, 605, 606
 Kalev, Kaia 250
 Kalibatas, Darius..... 635
 Kalja, Ahto 39
 Kaljo, Dimitri..... 1124, 1177, 1240
 Kaljurand, Mihkel..... 1266, 1417, 1418
 Kaljusaar, Anna..... 639
 Kaljuvee, Tiit ... 640, 641, 642, 643, 870, 1491
 Kalkis, Henrijs 1776
 Kallakas, Heikko..... 355, 477, 478, 644, 645
 Kallas, Juha 1050
 Kallaste, Ants..... 490, 491, 492, 493, 494, 495,
 572, 573, 575, 576, 590, 591, 646, 647, 859,
 865, 916, 917, 918, 975, 976, 993, 1025,
 1026, 1027, 1028, 1029

Kallaste, Marianne 1738, 1778
 Kallaste, Toivo..... 1256
 Kallastu, Aili..... 1290
 Kalle, Sigrid..... 128
 Kallemets, Kalev..... 1515
 Kalvet, Tarmo 1610
 Kalyuzhniy, Dmitry 1819, 1820, 1824
 Kamboj, Nikhil Kumar 623, 648, 649, 650,
 651, 652, 905, 1055
 Kamdron, Tiiu..... 1611
 Kamini, Mihsra 1267
 Kaminska, Dorota 44
 Kammerer, Elisabeth 1098
 Kammonen, Juhana I. 1268
 Kananovich, Dzmitry..... 1164, 1192, 1195,
 1196, 1197, 1206, 1286
 Kanep, Hanna 1773
 Kanger, Tõnis .. 1259, 1261, 1278, 1279, 1280,
 1342, 1347, 1348, 1349, 1375, 1430, 1431,
 1432, 1470, 1471
 Kangilaski, Taivo..... 46, 208
 Kangru, Tavo 653, 654, 1058
 Kann, Jüri..... 1125
 Kanno, Nanako 1428
 Kanter, Gert 129, 130, 324
 Kaparin, Vadim..... 131, 165, 310
 Kapitanov, Illia 1212, 1269, 1301
 Kaplinski-Sauk, Minea 655
 Kapoor, Rajiv..... 962, 963
 Kapulainen, Teemu..... 460
 Karahasanović, Amela..... 1612
 Karai, Deniss..... 32, 33, 244
 Karaliunas, Mindaugas 132, 249
 Karaulova, Tatjana..... 437, 438, 656, 787, 999,
 1000
 Karimi, Javad..... 623, 657
 Karjust, Kristo..... 356, 746, 1043
 Karo, Erkki 1517, 1613, 1614, 1615, 1773
 Karpichev, Yevgen 1212, 1269, 1301
 Karpovich, Dzmitriy 501
 Karro, Niina 1270, 1303, 1304, 1305
 Kartofelev, Dmitri..... 1271
 Kartušinski, Aleksander..... 486
 Karu, Kalev..... 141, 1272
 Karu, Veiko..... 1273
 Kasak, Kuno 1114
 Kasak, L..... 1411
 Kaselt, Birgitta..... 1410
 Kasepõld, Kadi 1790
 Kask, Anne 1156
 Kask, Laura..... 1742
 Kask, Maarja..... 524, 525, 658, 659, 660, 661,
 662, 1544
 Kask, Triin 133

Kasper, Agnes	1516, 1616
Katerski, Atanas	546, 547, 549, 550, 551, 568, 569, 570, 849, 988
Katinas, Egidijus	663
Katsumata, Shin-ya	134
Kattel, Eneliis... ..	454, 455, 686, 721, 722, 1031, 1032, 1039, 1695
Kattel, Rainer	1517, 1615, 1695
Katushin, Nikita	1086, 1087
Kaugerand, Jaanus	208
Kauhaniemi, Kimmo	974
Kauk-Kuusik, Marit ...	664, 665, 762, 861, 867, 868, 932, 1034, 1292
Kaup, Enn	1243, 1274, 1275, 1389, 1391
Kaupmees, Reelika	582, 665, 666, 667, 987, 1292
Kaur, Katrin	462, 486, 741, 1069
Kawakami, Yoko	1354, 1428
Kavitha, P.....	105
Keating, Colin.....	1408
Kedar, Amir	668, 669
Keernik, Hannes.....	246
Keipane, Lauma	1448
Kelichavyi, Bogdan.....	1617
Kelpšaitė-Rimkienė, Loreta	1163, 1276
Kelve, Merike	1323, 1402, 1403
Kendra, Ain.....	670, 671, 672, 673, 674
Kerikmäe, Tanel.....	1518, 1578, 1583, 1618, 1619, 1620, 1621, 1622, 1724, 1725, 1754, 1756, 1775
Kers, Jaan... ..	477, 478, 644, 645, 709, 710, 711, 712
Kerttunen, Mika	10
Kervališvili, Andrei.....	357
Keypour, Javad	1623, 1624, 1625
Khakalo, Sergej.....	560
Khalyasmaa, Alexandra I.....	1798
Khan, A. N.	771
Khan, Fawad Nawaz	135
Khan, Ibrahim	458
Khan, Muhidul Islam	261
Khan, Rida	52, 136, 137, 138
Khan, Sikandar Muhammad Zulqarnain	139, 184, 185
Khanmohammadi, Ehsan	943
Kharatyan, Suren.....	788, 1002, 1003
Kharchenko, Vyacheslav	325
Khelil, Abdelmajid.....	302
Khodov, Ilja	1332
Kholod, Borys	1715
Kholodilin, Konstatin.....	1626
Khorasanchi, Mahdi.....	596
Khose, Vaibhav N.....	1213, 1277
Khot, Sushil C.....	1277
Kiani, Adnan Khalid.....	331
Kiaupaite-Grušniene, Vaiva..	1519, 1627, 1628
Kibena-Pöldsepp, Elo	827
Kickert, Walter J. M.	1629
Kidakova, Anna	675, 676, 677, 678, 927
Kiho, Marilyn	1692
Kiil, Martin	679, 680
Kiisel, Hele	1826
Kiisk, Valeria	1630
Kiitam, Ivar	681, 682, 974
Kikerpill, Kristjan	211, 212
Kikkas, Kaido	171, 172
Kilk, Aleksander	340
Kilter, Jako	358, 359, 360, 429, 683, 757, 783, 798, 1047, 1048
Kim, Joonsoo	180
Kim, Young-Min	471
Kimm, Mariliis	1278, 1279, 1280
Kinash, Nataliia	1122, 1281, 1282, 1283
Kingsepp, Mallor	432, 433
Kiolein, Indrek	706
Kirna, Catlyn.....	12
Kirs, Maarjus	684, 1465, 1773
Kirsimäe, Kalle	879, 1393, 1436
Kirss, Janelle.....	1827, 1831
Kiss, Lilla Nora.....	1585
Kitt, Robert	1406, 1407
Kivinukk, Andi	1799, 1818
Kivirand, Kairi.....	19, 140, 195
Kivisto, Mart.....	719
Kjellsdotter, Anna.....	334
Klauson, Aleksander..	685, 748, 790, 830, 897, 1104
Klauson, Deniss	686
Klesment, Anne.....	1256
Kleinson, I.....	240
Klepinina, Ljudmila.....	1284
Klevtsov, Ivan.....	826
Klippel, Michael	958, 1036
Klopov, Mihhail.....	1435, 1457
Klug, Christian.....	1379
Klõga, Marija.....	753
Klõšeiko, Paul.....	687
Knapen, Marjo H.J.....	321
Knies, Jochen.....	1233, 1234
Kobert, Sebastian.....	143
Koduvere, Hardi	688, 781
Koel, Ants	223, 234, 255, 256, 257
Koel, Mihkel	524, 525, 627, 661
Koff, Tiiu	1057
Koffas, Mattheos.....	1118
Kohler, Jack	1246
Koidla, Gerda.....	1842
Kois, Julia	689

Kok Heang, Kevin	3
Kolbre, Ene	1506
Kolesnikov, Yuri.....	1492
Kolk, Kaidi.....	1403
Kolka, Vasily	1287
Kollo, Karin	553, 554, 690, 691, 807, 808, 809, 810, 811, 1285
Kollo, Lauri	488, 595, 893, 906, 907, 908, 909, 1007
Kolnes, Mart	692
Kolnes, Märt	692
Kommel, Lembit.....	693, 694, 695, 826, 854, 855, 892, 893
Komsa, Hannu-Pekka	667
Kondrat, Vitalijus.....	1276
Kongi, Nadežda.....	1376
Koning, Emma	58
Konist, Alar	541, 696, 697, 698, 754, 785, 786, 839, 879, 949
Konrad, Nele.....	1195, 1197, 1286, 1475
Kontson, Karli.....	771
Koppel, Indrek	1474
Koppel, Kadri.....	1197, 1804
Koppel, Kaur.....	1192, 1195, 1196, 1197
Koppel, Tarmo .	1520, 1547, 1563, 1586, 1631, 1632, 1776
Korkh, Oleksandr.....	520, 533, 699, 700, 1010, 1075, 1076, 1077, 1078
Kormiltsõn, Aleksandr.....	141
Kornev, Iakov	723, 1033, 1096
Korolkov, Oleg	142, 283, 337
Korsakova, Olga	1287
Korõtko, Tarmo.....	361, 466, 467, 701
Koschel, Arne	39, 143, 144, 145, 146
Kosenko, Roman.....	362, 521, 522, 533, 1011, 1078
Kosenkov, Oleksandr.....	147
Koshelev, M.....	1054
Koskela, Lauri.....	702
Kossas, Tanel.....	221
Kostakis, Vasileios.....	1498, 1633
Kostianoy, Andrey	1460
Kostova, Bilyana.....	870
Košik, Oleg	1288
Kozlovski, Vitali V.	142
Kotelnikov, Aleksandr	871
Kotkas, K.	1289
Kotta, Ülle.....	35, 50, 127, 131, 194, 281
Kour, Divjot	1426
Kouro, Samir.....	533, 534, 779, 1075, 1076
Koutinas, Apostolis.....	1346
Koval, Viktor	1645
Kovalainen, Ville	460
Kovalchenko, Andrey	1053
Kraak, D.H.P.....	148
Krahmer, Felix.....	1223
Krasnou, Illia	703, 704
Krasznay, Csaba	1616
Kraudok, Kairit	832
Krause-Solberg, Sara	1223
Kredics, Laszlo	482
Kree, Mihkel.....	1288
Kreek, Kristiina.....	525
Kremp, Anke.....	1427
Kreos, Kai	149
Kreutzer, Anne.....	1257
Kriipsalu, Mait.....	739
Kriis, Kadri	1259, 1261
Kriisa, Marie.....	1290
Krimmer, Robert Johannes ..	1521, 1522, 1523, 1545, 1559, 1634, 1635, 1636, 1637, 1638, 1640, 1742, 1758
Krištal, Jekaterina	1291
Kritševskaja, Marina..	546, 547, 658, 659, 660, 662, 686, 825, 988, 989
Krivonosova, Iuliia	1523, 1636, 1639, 1640
Kroon, Kalju	363
Krumme, Andres.....	514, 624, 644, 703, 704, 705, 827
Krunks, Malle	546, 549, 550, 551, 568, 664, 849, 987, 988
Krupenski, Igor	1083
Krustok, Jüri	581, 582, 666, 667, 861, 987, 1034, 1292, 1454, 1455, 1489
Kruuser, Kaarel.....	706, 1043
Kruusmaa, Maarja.....	31, 57, 80, 89, 150, 194, 262
Kruut, Katrin.....	707
Kröger, Björn.....	1293, 1379
Krylova, Evgeniya	1212
Kubajko, Michal	1466
Kubjas, Ardo.....	708
Kubo, Anna-Liisa	1126
Kudrina, Olha	1716
Kudrjašova, Marina	1471
Kudryavtseva, Nadezhda	835, 1294, 1295, 1296, 1351, 1355, 1395
Kuimet, Karin	1641
Kukk, Jaana.....	1642
Kukk, Mari-Liis	1540
Kukk, Merike.....	1524, 1527, 1570, 1643
Kukk, Vello.....	320
Kukk, Villu	709, 710, 711, 712, 768, 769
Kulbach, Valdek	713, 714
Kulderknup, Edi.....	364, 372, 373
Kuldjärv, Rain.....	1414, 1415
Kull, Tuule Mall	715, 716, 717, 1040
Kullerkupp, Küllike	718

Kullman, Kaur..... 151, 152, 153
 Kulp, Maria..... 525, 1289, 1417, 1418
 Kulu, Priit..... 365, 517, 719, 1037
 Kumar, Adarsh..... 1297
 Kumar, Atul 277
 Kumar, Devendra..... 983, 984
 Kumar, Rahul..... 720
 Kumar, Sourav 510
 Kuntus, Liina..... 455, 721, 722, 723
 Kupri, Hanna-Lii..... 949
 Kurik, Lembit..... 1298, 1299
 Kurkina, Oxana..... 1459
 Kurnitski, Jarek..... 366, 367, 445, 468, 469,
 470, 482, 483, 527, 561, 562, 563, 679, 680,
 715, 716, 717, 724, 725, 726, 735, 736, 737,
 751, 814, 815, 816, 948, 950, 982, 1013,
 1088, 1089, 1090
 Kussembayeva, Kuanysh 1294, 1395
 Kustra-Rogatka, Aleksandra 1644
 Kusumahastuti, Dewi K.A. 1300, 1301
 Kušar, M. 727
 Kuznetsov, Anton 1493
 Kuznetsova, Alexandra 1175
 Kuts, Vladimir.... 344, 368, 728, 729, 730, 731,
 918, 1092, 1093
 Kutser, Mati 1117, 1203
 Kutti, Sander 617, 1057
 Kuu, Annely..... 617, 618, 1057
 Kuus, Babette Liseth..... 768, 769
 Kuusik, Alar..... 133, 137, 185
 Kuusik, Argo..... 739
 Kuusik, Raili 732, 733, 734
 Kuusik, Rein, inform..... 25
 Kuusik, Rein, keemik..... 518, 643, 1050
 Kuusk, Kalle 469, 735, 736, 737, 738, 814,
 982
 Kuuskeri, Jaana..... 1350
 Kuusksalu, Anne 1323
 Kvitka, Sergiy 1645
 Kõiv, Hip 154, 193, 198, 238
 Kõnnussaar, Tiit..... 314
 Kõo, Jakob 775
 Kõrge, Kristi 1302
 Kõrgesaar, Mihkel..... 1791, 1800, 1801, 1803,
 1810
 Kõrgmaa, Vallo..... 739, 740
 Kõster, Jarmo 1802
 Kõusaar, Jaak 11, 155
 Kõuts, Mariliis 1399, 1424
 Kõuts, Tarmo 1257, 1285, 1409
 Kähkönen, Kalle 1099, 1100
 Kändler, Nils 741, 1069
 Käosaar, Ege 81
 Kärber, Erki..... 537, 549, 550, 551, 1108

Käsper, Kari..... 1525, 1646
 Käärik, Maike 1376
 Köse, Ahmet 156, 157
 Köök, Romet..... 626
 Kübarsepp, Jakob..... 356, 625, 692, 742, 743,
 744, 775, 1018, 1019
 Külaots, Annegrete 712
 Külaviir, Jaan 719
 Künnis-Beres, Kai..... 1318
 Küppers, Judith 763, 765
 Kütt, Andres..... 187
 Kütt, Lauri.. 370, 600, 614, 615, 622, 802, 885,
 902, 969, 970, 971, 972, 973, 974, 1820
 Küttim, Merle 1587, 1647, 1738
 Küttner, Rein..... 745, 746
 Küünal, Siim 747

L

Laanearu, Janek 371, 462, 852
 Laaneots, Rein 372, 373
 Laanoja, Risto 59
 Laansoo, Andres 374, 375, 376, 377
 Laas, Katrin..... 1809
 Laas, Peeter..... 1353
 Laas, Tõnu 1809
 Laas-Billson, Liina 220
 Laasmaa, Martin 1270, 1303, 1304, 1305,
 1306, 1327
 Lagemaa, Priidik..... 1198, 1255, 1424
 Lages, Cristiana R..... 1654
 Lahdensivu, Jukka 460
 Lahe, Andres..... 748
 Lahyaoui, Otmane..... 749
 Lai, Jih-Sheng..... 535
 Lai, Xihu 100, 158, 159
 Laidroo, Laivi 1540, 1546
 Laine, Pia 1350
 Lainela, Silvie 1307, 1367
 Laitinen, Erkki K. 1648
 Lakatoš, Mikloš 1803
 Lakk, Henri 59
 Lambert, Jean-Philippe 1308
 Land, Raul..... 154, 283
 Landsberg, Mart..... 798
 Lane, Alexi 218
 Lanfranchi, Vincent 749
 Lange, Thomas 47, 48, 158, 160, 161
 Laos, Katrin 1302
 Lapkovskis, Vjaceslavs..... 750
 Larin, Anni..... 1309, 1310
 Larina, Yaroslava..... 1717
 Laso, M.A.G. 799
 Lass, Jaanus 250, 251

Lass, Keijo	266	Li, Pengyu.....	1603
Lazovskiy, Dmitriy	1332	Li, Xiaofeng.....	665, 762
Lazuashvili, Nino.....	162	Liang, Bomiao	166
Latalowa, Malgorzata	1311	Liang, Yan	1314, 1315, 1360
Latõšov, Eduard.....	751, 780, 1083, 1084	Liblik, Johanna	645, 763, 764, 765, 832
Laugasson, Edmund.....	171	Liblik, Taavi	1316, 1317, 1318, 1321, 1337, 1452
Lauk, Peep.....	378	Liias, Roode.....	386, 528, 766, 767, 899, 900, 901
Laurent, Johann.....	261	Liibek, Tõnis.....	1828, 1843, 1844, 1845, 1846
Lausmaa, Toomas	752, 826	Liira, Martin.....	879
Lavrova, Olga	1460	Liisma, Eneli.....	768, 769
Le Moullec, Yannick ...	99, 139, 184, 185, 186, 207, 261, 276, 279, 322	Liiv, Elvar	266
Le Traon, Pierre-Yves.....	1424	Liiv, Innar	326
Leal Filho, Walter	753	Liiv, Merlin.....	1240, 1319, 1451
Lebdeh, Muath Abu	163	Liiv, Toomas.....	852, 1629, 1726, 1727, 1728
Lebedev, Alexander A.	142, 283	Liivamägi, Kristjan.....	323, 1652
Leben, Kristjan.....	754	Liivik, Elizaveta.....	387, 536, 770, 778, 952, 953, 977, 1076, 1078, 1080
Leet, Mati.....	12	Liivik, Olev.....	1828
Lehikoinen, Antti	593, 755, 955, 956	Lill, Irene ...	388, 633, 635, 725, 853, 900, 901, 996, 1051
Lehtinen, Sirpa.....	1210	Lill, Kristjan.....	771
Lehtla, Madis	379, 380, 381, 389, 390, 391	Lille, Harri	772, 773, 774, 775
Lehtla, Tõnu.....	370, 382, 383	Lillepea, Lauri.....	372, 373
Lehto, Timo.....	1547	Lilov, P.	872
Lehtonen, Kari K.	1257	Lilover, Madis-Jaak	1257, 1318, 1321
Lehtonen, Matti.....	902	Lin, Zihan	1109
Leibak, Alar	1312	Lind, Grete.....	25
Leiding, Benjamin.....	218, 219	Lind, Kati.....	1320
Leier, Mairo	32, 33, 119, 579	Lindegarh, Mats.....	1361
Leiger, Roomet	1796	Lindenthal, Anja	1425
Leinakse, Madis	756, 757	Lints, Martin	1421
Leinemann, Inga	384	Lipp, Maarja	1388
Leinus, Mari-Liis	518, 758	Lips, Inga	167, 1210, 1318, 1320, 1322, 1361, 1452
Leis, Jaan	1376	Lips, Silvia.....	167
Leis, Liisi	28, 37, 242, 243	Lips, Urmas.....	1158, 1316, 1317, 1321, 1322, 1452
Lember, Erki	739, 759, 1030	Liu, Le.....	505, 506, 542, 776, 777, 817, 818, 819, 820, 821
Lember, Veiko	1649	Liu, Weijia	1111
Lemendik, Laur.....	164	Liu, Wenjie	778
Lemmiksoo, Vallo.....	739	Liyanage, Dhanushka Chamara	1001
Lenhoff, Hanna	272	Locarek-Junge, Hermann.....	1514
Lenin, Aleksandr.....	60	Lohk, Ahti.....	168, 169, 236
Leontie, Liviu.....	760	Lohk, Christer	1174
Leosk, Vaido	385	Loide, Rein-Karl	1134
Lepasaar, Tiit	618	Loigu, Enn	759
Lepland, Aivo	1176, 1199, 1233, 1234, 1235, 1236, 1240, 1242, 1329, 1408, 1436	Loivamaa, Iida	1188
Leppiman, Anu	1642, 1686	Lolli, Nicola.....	735, 736
Leppä, Lauri.....	1013	Long, John A.	1469
Lezama-Solano, Adriana.....	1804	Longo, Justin.....	42
Levenets, Olga	1650, 1651	Loo, Lauri	541, 698
Levenko, Natalia.....	1524		
Levron, Yoash.....	51, 165, 178, 294		
Li, F.X.....	761		
Li, H.	1106		
Li, Jiajie	1313, 1487, 1779		

Loorens, Jüri 389, 390, 391
 Lopez-Caiza, Diana 779
 Lopp, Annika 1323, 1403
 Lopp, Margus... 1128, 1192, 1195, 1196, 1197,
 1263, 1264, 1265, 1310, 1324, 1326, 1342,
 1359
 Lopušanskaja, Eleana 1325, 1326
 Lorenz, Birgy 12, 20, 61, 88, 170, 171, 172,
 291
 Lovell, Kieren Nicolas 173, 174
 Lovlin, Sergey 797
 Lu, Pengfei 1306, 1327
 Lucotte, Yannick 540
 Ludvig, Mari-Liis 1328
 Lukas, Mati 1847, 1862
 Lukas, Sirje 339
 Lukic, N. 780
 Lukk, Tiit 1207, 1208
 Lukman, Annr 1805
 Luman, Merike 37, 113, 128, 242, 243
 Lund, Peter D. 781
 Lutsevitš, Polina 1730
 Lõhelaid, Helike 1463
 Lõokene, Aivar 195
 Lõuk, Roland 260
 Lähteenmäki-Uutelala, Anu 1653
 Lämsä, Anna-Maija 1685
 Läänemets, Märt 1537
 Löhr, Dirk Karsten 203
 Löper, Mari 782, 783, 1048
 Lylykangas, Kimmo Sakari 460
 Lytle, Murray 1330

M

Ma, Jingde 1097
 Ma, Minghui 1703
 Ma, Pan 1005
 Maamägi, Heigo 133
 Maarand, Hendrik 175, 176, 177
 Maasikmets, Marek 949
 Maask, Vahur 370, 784
 Maaten, Birgit 541, 764, 765, 785, 786
 Machlev, Ram 178
 Macky, Keith 1595, 1599
 Madison, Anna 1467
 Maennel, Kaie 179, 180, 181
 Maennel, Olaf Manuel 17, 86, 90, 111, 181,
 211, 212, 224
 Magarini, Maurizio 277, 278, 279
 Magnani, Lorenzo 1509
 Mahi, Neil 217
 Mahmood, Kashif 392, 654, 656, 787, 999,
 1000, 1092, 1093

Mahmoudi, H. A. 788
 Mahunnah, Msury 13
 Maidla, Margus 1128
 Maigre, Riina 103
 Maity, Tapabrata 789, 903
 Majak, Jüri 790, 791
 Majumder, Abhisek 792
 Makarova, Irina 793, 794, 795
 Makarychev, Andrey 1511, 1558
 Malayjerdi, Ehsan 796, 966
 Malburg, Jan 92, 183
 Maleki, Meysam 943
 Malhotra, Banshi D. 1446
 Malik, Hassan 139, 184, 185, 207, 276
 Malinowski, Mariusz 534, 1077
 Maljutenko, Ilja 1129, 1331, 1399, 1424,
 1425
 Malmberg, Siret 703, 704
 Malmstedt, Jonas 1476
 Maltceva, Olga 1332
 Malär, Alexander A. 182
 Mamardashvili, Galina 1332
 Mamatov, Aleksandr 797
 Mana, Miyeko 1374
 Mandel, Anni 1333
 Mandre, Indrek 1130
 Manninen, Henri 798
 Marandi, Andres 1393
 Marbach, Julia 1654
 Mardani, Abbas 1762
 Marenkov, Jevgeni 14
 Marik, Tamas 482, 948, 950
 Markja, Irida 892
 Mark-Kurik, Elga 1469
 Márquez-Prieto, J. 1454, 1489
 Martín, Floran 503, 504, 828, 913
 Martin, Georg 1367
 Martín-Iglesias, P. 799
 Martín-Iglesias, P. 800
 Martins, Joana Esteves 1334
 Martins, Joao 449, 467
 Martinsson, Caroline 36
 Martma, Tõnu .. 1167, 1177, 1233, 1234, 1235,
 1236, 1240, 1242, 1246, 1247, 1337, 1389,
 1445, 1448
 Martõnova, Jevgenia 1328, 1335, 1475
 Maser, Andres 1336
 Mashkov, Aleksandr 484
 Masood, Ali 186
 Masso, Anu 1655, 1749, 1766
 Mašatin, Vladislav 873, 1084
 Mazina-Šinkar, Jekaterina 1417, 1418
 Mažeika, Jonas 1337
 Matiisen, Kersti 1848

Matiushkin, Oleksandr.....	564, 598, 599, 801, 802, 803, 804
Matos, José C.....	960
Matsalu, Terje.....	1474
Matt, Livia.....	1338
Mattila, Milla.....	563
Matulevičius, Raimundas.....	219
Mauw, Sjouke.....	60
Mayer, Anne.....	1545
McBride, Keegan David Braun....	3, 187, 1545, 1656
McStay, Natasha.....	1339
Medeiros, Guilherme.....	100
Medijainen, Kadri.....	221
Meel, Mari.....	1747
Meerolla Kumar, S.....	133
Meidla, Tõnu.....	1155, 1366
Meier, H.E. Markus.....	1147, 1340
Meigas, Kalju.....	84, 112, 244, 296, 297
Meindert, Lars.....	1497
Meissner, Dieter.....	548, 840, 861, 951, 1101, 1102
Meister, Einar.....	34, 188, 189, 190
Meister, Külli.....	845, 846
Meister, Lya.....	188, 189, 190
Meister, Mari-Anne.....	1849
Mekki, Fayça.....	1341
Melioranski, Ruth-Helene.....	805
Melts, Indrek.....	806
Mendez, James.....	514
Menailava, Darya.....	1286
Mere, Arvo.....	530, 531, 550, 551, 568, 891, 1019, 1292, 1377, 1378
Mere, Tarmo.....	393
Meriküll, Jaanika.....	1527
Merirand, Eha.....	vt. Mugamäe, Eha
Merisaar, Maret.....	1030
Meriste, Mart.....	617
Merkulova, Nadežda.....	877
Mezešova, Terezia.....	191
Mets, Marje.....	1805
Mets, Marko.....	315
Metsala, Andres.....	1260, 1261, 1278, 1342, 1375
Metsar, Jaanus.....	691, 807, 808, 809, 810, 811
Metsaveer, Gelly.....	1806
Metshein, Margus.....	192, 193
Metsla, Kristel.....	1291
Metsvahi, Tiit.....	812, 813
Metusala, Tiit.....	683
Meurer, Christian.....	127, 194
Meyer, Carsten.....	78, 202, 203
Meyer, Jan.....	783
Michael, Maria K.....	82
Michelson, Aleksandr.....	1738
Mihklepp, Kaisa.....	195
Mikheeva, Olga.....	1608, 1657
Mikkola, Raimo.....	483, 950
Mikkonen, Tommi.....	336
Mikli, Kärt.....	1131
Mikli, Valdek.....	283, 665, 694, 695, 775, 826, 861, 872, 951, 1034, 1377, 1378
Mikola, Alo.....	679, 814, 815, 816
Mikos, Jan.....	993
Milanes-Montero, Maria Isabel.....	513
Min, Mart... ..	140, 154, 193, 196, 197, 198, 214, 223, 238
Minarik, Tomas.....	1528
Minasyan, Tatevik.....	505, 506, 776, 777, 817, 818, 819, 820, 821
Minn, Mari.....	1618
Mironova, Olga.....	199
Mironovs, Viktors.....	750
Mishra, Sambeet.....	822, 823, 1052
Miyawaki, Fujio.....	200
Mnatsakanyan, R.A.....	542
Mobin, Shaikh M.....	1277
Modoni, Gianfranco E.....	729
Moezzi, Reza.....	824, 1087
Mohammad, Irshad.....	15, 201
Moiseev, Anna.....	825
Moktefi, Amirouche ..	1543, 1658, 1659, 1660, 1661, 1662, 1781
Molaiyan, Palanivel.....	1343, 1344, 1345
Molne, Johan.....	285
Molodkov, Anatoli.....	1181, 1287, 1493
Molodtsov, Artjom.....	826
Monea, Marlina.....	202, 203
Monfort, Mercedes.....	1690
Moora, Harri.....	753
Mooste, Marek.....	827
Morone, Piergiuseppe.....	1346
Mozzicafreddo, Matteo.....	1396
Motohashi, Kazuyuki.....	1779
Mucci, Daniele.....	204
Mudryi, A.....	1108
Mugamäe, Eha.....	1796, 1807, 1808
Muir, D. C. G.....	1247
Mukherjee, Victor.....	828, 829
Muldma, Kati.....	1263, 1264, 1265
Muna, Marge.....	394
Muniasamy, Kandasamy.....	205
Murre, Aleksandra.....	1347, 1348, 1349
Musalimov, Victor.....	1012
Mustonen, Mirko.....	830, 897
Muthukumar, Natarajan.....	206
Muthupandi, Veerappan.....	986
Muulmann, Triin.....	20

Mwakwata, Collins Burton 184, 207
Mõtlep, Riho 754
Möttus, Jelena 1253
Mõtus, Leo 46, 208
Mäeltsemees, Sulev.... 1505, 1529, 1663, 1664,
1665
Mäger, Katrin Nele 831, 832, 1036, 1098
Mägi, Andrus 1464
Mägi, Katri 1850
Mägi, Rein 845, 846
Mäkelä, Jukka 107, 108, 109, 110, 120
Mäkinen, Mari 1350
Mänd, Kaarel 1436
Männik, Peep 1366, 1382, 1383, 1466, 1481
Männikus, Rain 1351
Märdla, Silja 555, 556, 850
Märss, Tiiu 1352
Märtens, Olev 99
Mäses, Sten 20, 181, 209, 210, 211, 212
Mölder, Holger 1495, 1537, 1619, 1666,
1667, 1668
Mölder, Kristjan 1156
Möller, Lars 1353
Müür, Margus 370
Müürsepp, Peeter 1530, 1669, 1670, 1671,
1672, 1673, 1674, 1675, 1676, 1677, 1678,
1679
Mylläri, Fanni 949

N

Naar, Hendrik 1230, 1232
Nabavi Niaki, Ali 466
Naderi, Mohammad Salay 842
Nagai, Satoshi 1354
Nagaraju, T. 919
Nagel, Urmas 1073
Nagy, Szabolcs 483
Nahku, Ranno 1336
Najafzadeh, Mahdiyyeh 620, 833, 834, 929,
1355
Najafzadeh, Fatemeh 835
Napetvaridze, Vladimeri 1680
Naqvi, Syed Rameez 213
Naranjo-Hernandez, David 214
Narva, Triin 1356, 1386
Nazarenko, Sergei 311
Nazaretyan, Khachik 1003
Nataraj, B.J.G. 836
Nauts, Kristiina 1473
Nedoma, Pavel 473
Nei, Lembit 618, 837, 838
Neil, Kenneth 1429
Nestler, John 94

Nešovic, A. 780
Nešumajev, Dmitri 697, 698, 839
Netšunajev, Aleksei 1626
Neubauer, Christian 395, 840, 951
Neuman, Toomas 1461
Ngouv, Muy Seo 1604
Nguyen, Hoang Anh Du 163
Nguyen, Tan Phong 1357
Ni, Wen 1487
Niaros, Vasileios 1713
Niazmand, Behrad 215, 216
Niemelä, Ville 949
Niendorf, T. 947
Nigul, Lenne 1217, 1253
Niidu, Allan 509, 841, 877, 1358, 1359
Niiranen, Jarkko 702
Nik, Bakhsh Naghmeh 1681
Nikolic, N. 780
Nilavongse, Rachatar 1682
Nilb, N. 579
Nisamedtinov, Ildar 1414
Nool, Maris 1851
Norrnga, Staffan 520
Norta, Alexander 27, 42, 73, 79, 141, 162,
217, 218, 219, 220
Notermans, Antonius Johannes Hubertus . 1683
Nowak, Mikolaj Marcin 1365
Nurmanova, Venera 842, 843
Nurme, Sulev 396
Nurmi, Jari 16
Nurmiste, Taimi 1852
Nuryшева, Gulzhikhan 1677, 1678
Nutt, Nele 397, 844
Nuuter, Tiina 398
Nölvak, Jaan 1314, 1315, 1360, 1366
Nömm, Aurika 845, 846
Nömm, Sven 95, 96, 97, 98, 221, 247, 248,
274, 314, 325
Nömmann, Tea 1531, 1588
Nömmik, Allan 847
Nõu, Kalvi 286
Nygard, Henrik 1361
Nyman-Metcalf, Katrin Merike 317, 1496,
1617, 1684

O

Odintsov, Sergei 83, 222
Odrats, Indrek 372, 373
Oidram, Rein 399, 848
Oinonen, Soili 1531
Oja Acik, Ilona... 530, 531, 546, 547, 549, 550,
551, 664, 849, 987, 988
Oja, Tõnis 555, 556, 557, 850

Oja, Vahur.....	471, 479, 496, 851
Ojamaa, Martin.....	1045
Ojangu, Eve-Ly.....	1132
Ojarand, Jaan.....	223
Ojasoo, Merle.....	1685, 1686
Olaniyi, Eunice Omolola	1552, 1653, 1687, 1688, 1689, 1707, 1709, 1710
Oldekop, Nelly.....	400, 852
Olowa, Theophilus O.O.....	853
Olshanska, O.....	1718
Olspert, Allan.....	1323, 1447
Omelyanenko, Vitaliy	1714, 1716, 1718, 1719
Omranpour, Babak.....	401, 694, 695, 854, 855
Oolo, Marco.....	624
Oone, Annely.....	856, 857, 858
Orav, Heili.....	168
Orav, Mart.....	372, 373
Ordonez, Javier.....	1571, 1690
Org, Mai-Liis	237
Orgusaar, Kaisa.....	1453
Orlova, Svetlana.....	859
Orłowski, Lucjan T.....	1514
Orru, Mall	1362
Orye, Erwin.....	224
Osadchuk, Irina.....	1286, 1363, 1364
Oshiro, Roberto E.....	1791
Oss, Andres.....	237
Osula, Anna-Maria.....	17, 225
Osula, Kairi.....	12, 172
Ošeka, Maksim.....	1278, 1279, 1280
Ozarska, Alise.....	1697
Ots, Arvo.....	752, 860
Ott, Nikolas.....	225
Ottis, Rain.....	54, 55, 291
Otto, Tauno	356, 402, 654, 729, 730, 731, 746, 787, 965, 1058, 1059, 1060, 1092, 1093
Ouellet, Valerie.....	94
Oueslati, Souhaib.....	840, 861, 951
Owens, Jeremy D.....	1167
Oyeniran, Adeboye Stephen	101, 124, 226, 227, 228, 229, 319
<hr/>	
P	
Paadam, Katrin.....	899
Paalme, Toomas.....	1415
Paaver, Peeter.....	754
Pachel, Karin.....	339, 739, 740, 759
Pacocho, Natalia.....	1365
Pagalys, Justas.....	132
Pagano, Rosanna.....	1173
Paist, Aadu.....	862, 863
Paiste, Tõnn.....	1366
Paju, Anne.....	1310
Paju, Jana.....	1809
Pajusaar, Siim.....	764, 1256
Pajusalu, Liina.....	1367
Pal, Deepak.....	206, 230, 231
Palm, Kaia.....	1488
Palmar, Merlin.....	84, 244
Palo, Anneli.....	617
Palshin, Andrei.....	1001
Palu, Ivo.....	166, 466, 529, 822, 823, 864, 974, 1052, 1107, 1109, 1111
Palumaa, Peep.....	1291
Pandey, Mukesh Mohan.....	1691
Pando-Acedo, Jaime.....	865
Panetsos, Panagiotis.....	669
Panieri, Giuliana.....	1233, 1234
Pappel, Ingmar.....	232
Pappel, Ingrid.....	42, 147, 149, 167, 232, 245, 267, 316, 317
Parasiewicz, Piotr.....	233
Pardy, Tamás.....	234
Park, Woosuk.....	1509
Parkash, Om.....	983, 984
Parnell, Kevin Ellis.....	150, 1180, 1276, 1357, 1368, 1423
Part, Natalja.....	1369, 1453
Parts, Velli.....	1692, 1693
Parve, Jaan.....	1338
Parve, Mart.....	220
Parve, Omar.....	1338
Pascault, Didier.....	511
Pascual, Rodrigo.....	1370, 1487
Pashkevich, Anton.....	558, 629, 793, 794, 795
Pashkevich, Maria.....	558, 629
Paso, Tuomas.....	138
Pazaitis, Alex.....	1498, 1694
Pata, Pille.....	1464
Pataccini, Leonardo.....	1695
Pataraiia, Tengiz.....	966
Pattanaik, Vishwajeet.....	235, 288
Paul, Kolin.....	159
Paula, Renato Graciano de.....	1371
Paulin, Lars.....	1268
Paulsen, Geda.....	236
Pavlova, Milena.....	1651
Pavlova, Valentyna.....	1715
Pawluszewicz, Ewa.....	35
Pedai, Andrus.....	497, 866
Pedegert, Emilie.....	508
Peebo, Karl.....	1336
Peets, Tanel.....	1204, 1372, 1462
Peetsalu, Priidu.....	775
Pelinovsky, Efim.....	1191, 1373, 1494
Pello, Johannes.....	403, 404

Penežko, Aleksei..... 582, 867, 868
 Penkov, Igor..... 1012
 Penny, Amelia..... 1293
 Penzel, Susanne..... 237
 Pentinmikko, Nalle 1374
 Perens, Algis 1532
 Perera, K. 1757
 Peris-Lopez, Pedro 300
 Perret, Jerome 344
 Pervaiz, Haris..... 279
 Pesti, Ksenija..... 154, 198, 238
 Peterson, Anna 1328, 1375
 Peterson, Kristjan..... 869
 Peterson, Pearu..... 1154
 Petkova, Vilma..... 870
 Petlenkov, Eduard 30, 43, 66, 156, 157, 286,
 292, 308, 309, 310, 473
 Petrošius, Rimantas 1337
 Petrov, Aleksei..... 871
 Petrova, Violeta..... 872
 Pettai, Elmo 370
 Peuša, Hilma 1254, 1416
 Pevkur, Aive 1693, 1746
 Philipp, Robert 1696, 1697, 1698
 Piattoni, Simona..... 1683
 Picaud, Sarah..... 1308
 Pieper, Henrik 873
 Pietarinen, Ahti-Veikko 1509, 1533, 1538,
 1556, 1564, 1566, 1699, 1700, 1701, 1702,
 1703, 1704
 Pignata, Salvatore Antonio 874
 Pihelgas, Mauno..... 239
 Pihelo, Peep..... 738, 875, 876
 Pihl, Olga 877, 878
 Pihlak, Priit 691, 807, 808, 809, 810, 811
 Pihlak, Rene 260, 309
 Piho, Gunnar 307, 320
 Pihu, Tõnu..... 697, 698, 754, 839, 879
 Piirimaa, Anu 880, 881
 Piirimäe, Kristjan 1114
 Piirsalu, Jaan 119, 248
 Piirsoo, Marko..... 1461
 Pikas, Ergo 405, 702, 882, 883
 Pikkor, Heliis 697, 698, 884
 Pikta, Marika..... 240, 241
 Pille, Viive 1590
 Pilt, Ebe..... 1140, 1142
 Pilt, Kristjan 32, 33, 84, 112, 242, 243, 244,
 296, 297
 Pilvet, Maris..... 665, 1034
 Pimentel, Sergio Pires 600, 885, 886, 887,
 991
 Pindsoo, Katri 1187
 Ping, Kefeng 1174, 1376, 1377, 1378
 Pinto, Luis..... 85
 Pintson, Hanna..... 1625
 Pipira, Daiga 1448
 Pippuri, Jenni 829
 Pirk, Kalle 888, 889, 890
 Pirso, Jüri 625
 Piumatti, Davide 101
 Placke, Manja 1147
 Plamus, Tiia 703, 705
 Platonova, Anastassiya 1770
 Pluskowski, Aleks..... 1178
 Podgurski, Vitali 476, 523, 891, 1112
 Pohjola, Johanna 1531
 Pohlak, Meelis 682, 790, 791
 Pohle, Alexander..... 1379
 Pokki, Juha-Pekka..... 508
 Polese, Abel 1534, 1535, 1650, 1705
 Polikarpus, Maile 1380, 1381
 Polivtseva, Svetlana..... 689
 Poltimäe, Triinu 406, 477, 644, 645
 Ponomarenko, T..... 1718
 Poobus, Arvi 752
 Popelyshyn, Olha..... 245
 Popov, Aleksandr..... 1706
 Popov, Leonid E. 1382, 1383
 Portolan, Michele..... 70
 Poska, Anneli 1178
 Post, Piia 246
 Potemkin, D. 1055
 Pramono, Agus 892, 893
 Prashanth, Konda Gokuldoss..... 623, 648, 650,
 651, 657, 761, 789, 894, 895, 896, 903, 908,
 919, 946, 947, 957, 986, 1005, 1007, 1095,
 1106
 Prateeksha 1384, 1385
 Prause, Gunnar Klaus 1552, 1553, 1653,
 1687, 1688, 1696, 1697, 1698, 1707, 1708,
 1709, 1710, 1711, 1723, 1740, 1771
 Praust, Valdo..... 18
 Pravadelli, Graziano..... 91, 92
 Prawirasasra, Muhammad Saladin..... 897
 Preegel, Gert 1263, 1264, 1265, 1359
 Prees, Ingrid..... 898
 Preis, Sergei 723, 825, 1006, 1033, 1096,
 1097, 1103
 Preyl, Volker..... 202
 Priavolou, Christina 1712, 1713
 Price, Christopher 247, 248
 Prigorchenko, Elena..... 1133, 1386, 1387
 Priidel, Eiko 198
 Priimets, Jaanis 1809
 Priisalu, Jaan 46, 208, 247
 Prilenska, Viktorija 899
 Proeller, Isabella 1728

Profiroiu, Marius Constantin 1728
 Prokopenko, Olha 1572, 1645, 1714, 1715,
 1716, 1717, 1718, 1719, 1720
 Proover, Marika 1721
 Prus, Pawel 233
 Prystupa, Anatoliy 991
 Pugachov, Vladislav 859
 Pükienė, Simona 249
 Puks, Rim 432, 433
 Pulkkinen, Svetlana 407
 Pumwa, John 1086
 Purhonen, Janne 1394
 Putranto, Teguh 1810
 Puura, Erik 879
 Puust, Raido 741, 900, 901
 Põdra, Priit 985
 Pöld, Toomas 250, 251
 Pöldemaa, Kaspar 1388
 Pöllupüü, Krister 1397
 Päeske, Laura 250, 251, 252
 Päränd, Sven 184, 185, 276
 Pärngmäe, Reet 1618, 1853
 Päre, Mailis 1403
 Pärn, Angela 1252
 Pärn, Joonas 1380, 1381, 1389, 1392, 1393
 Pärnamets, Kaiser 619
 Pärn-Lee, Evelin 1497, 1722
 Pärt, Siim 1409
 Pärtel, Enn 1134
 Päärsoo, Riho 408, 409
 Püvi, Verner 902

Q

Qin, P. 903
 Qin, Peiting 1007
 Qurash, Ansanulhaq 458

R

Raadik Cottrell, Jana 1811
 Raadik, Taavi ... 512, 582, 799, 800, 891, 1034,
 1292
 Raamets, Jane 481, 617, 618, 904, 1057
 Raats, Ricardo Ferraz 1501, 1723
 Raesaar, Peeter 683
 Raevskaja, Elena 1390
 Raha, Soumyendu 282
 Rahman, Zillur 1601, 1602
 Rahmani Ahranjani, Ramin 488, 651, 905,
 906, 907, 908, 909, 910
 Raidla, Valle 1389, 1391, 1392, 1393

Raik, Jaan... 45, 82, 91, 92, 100, 101, 124, 148,
 158, 159, 183, 216, 227, 228, 229, 252, 253,
 325, 335, 1162
 Rajendran, Jayasimman 1394
 Rakisheva, Zaure Bayanovna 1395
 Ramamurty, U. 919
 Ramasamy, Kesava Priyan 1396
 Ramaswamy, Srini 130, 206
 Ramiro Troitino, David 1620, 1724, 1725
 Ramkumar, Kannan 206
 Rammul, Üllar 1397
 Rana, Kusam Lata 1426
 Randmann, Liina 210, 1729, 1730
 Rang, Galina 254
 Rang, Toomas 142, 234, 254, 255, 256, 257,
 283, 337
 Rani, Poonam 1297
 Rannat, Kalev 74, 246
 Rao, Jing 911, 912
 Rashid, Muhammad Haroon 255, 256, 257
 Rasilo, Paavo 503, 504, 593, 828, 913, 914
 Rassõlkin, Anton 490, 491, 492, 493, 494,
 495, 501, 572, 573, 590, 591, 647, 797, 859,
 865, 871, 915, 916, 917, 918, 937, 965, 979,
 992, 993, 1025, 1026, 1027, 1029
 Ratas, Mart 1398
 Ratassepp, Madis 911, 912
 Rather, Raouf Ahmad 1597, 1731, 1732
 Rathod, H.J. 919
 Ratz, T. 920
 Raud, Zoja. 473, 475, 921, 922, 923, 924, 1082
 Raudjärv, Matti 1505
 Raudla, Ringa .. 1573, 1608, 1695, 1733, 1734,
 1735, 1736, 1772
 Raudoja, Jaan 577
 Raudsalu, Rein 1812
 Raudsepp, Urmas 1331, 1399, 1424
 Rauk, Lauri 1046
 Raukas, Anto 1125, 1256, 1400, 1401
 Raun, Kristo 315
 Rauwel, Erwan 410, 747
 Rauwel, Protima 410, 747
 Raval, Simit 1222
 Reddy, M. Anji 201
 Reggiani, Luca 278
 Rehand, Juhan 815
 Rehder, Gregor 1322
 Reichborn-Kjennerud, Kristin 1607
 Reidolf, Merli 1536, 1580, 1737, 1738
 Reigl, Nicolas 540
 Reilly, Anthony M. 1339
 Reimand, Juhan 258, 259, 332
 Reimund, Mart 1135
 Reina-Tosina, Javier 214

Reinbrecht, Cezar.....216
 Reinhold, Karin. 1707, 1739, 1740, 1750, 1752
 Reino, Arbo.....925
 Reinsalu, Enno 1136
 Reinsalu, Uljana..... 163
 Reintamm, Tõnu 1323, 1402, 1403
 Reiska, Rein411, 412, 413
 Reitalu, Triin..... 1319, 1404
 Reitel, Kärt..... 1137
 Ren, Xiaotao926
 Rendón de la Torre, Stephanie..... 1138, 1405
 Reorda, Matteo Sonza..... 121
 Reut, Jekaterina..... 502, 675, 676, 677, 678,
 927, 1105
 Ribeiro, Sofia 1429
 Ricciardi, Vincenzo..... 474, 1082
 Richardson, Jocelyn A. 1408
 Ridala, Svetlana 1557, 1741
 Rihma, Monika 1685
 Riid, Andri260, 309
 Riisalu, Hella.....858
 Riives, Jüri 654, 706, 746, 1058
 Riivits-Arkonsuo, Iivi 1647, 1686
 Rikka, Sander..... 1139, 1409
 Ringo, Signe.....1831
 Rinken, Toonika..... 19, 140, 195
 Rioual, Yohann261
 Rissanen, Kari..... 1386
 Risthein, Endel 363, 414, 415, 416, 417, 418,
 419, 420, 421, 422, 423, 424, 425, 426, 427
 Ristolainen, Asko..... 150, 262
 Rivas, Exequiel 134
 Roasto, Indrek..... 620, 834, 928, 929, 1079
 Robal, Tarmo 58, 263
 Roberts, Andrew264
 Robinson, Nick 1742
 Rodrigo, S. 648, 650
 Rodrigo-Vazquez, Sara649
 Rodriguez Barbero, M. A..... 648, 650
 Rodriguez, Jose..... 600, 885, 929
 Rodriguez, Miguel Angel.....649, 651
 Rogge, Andreas..... 1353
 Rogova, Oksana 1206
 Rojas Hernandez, Rocio.....930
 Román, M. 1370
 Romanoff, Jani..... 1801
 Romanov, Stepan 1042
 Romanyuk, Yaroslav E.932
 Romero Sarcos, Natalja 686
 Romero-Cadaval, Enrique.....449, 601
 Roncero-Clemente, Carlos..... 513, 598, 599,
 601, 804
 Rooda, Ilmatar..... 1410
 Roosileht, Mare..... 933, 934, 935, 936

Roosipuu, Tauri 1783, 1813, 1814, 1815
 Roosnurm, Mati 428
 Roots, Kaisa..... 1411
 Rootsi, Ago 936
 Rosenbaum, Oliver 265
 Rosenberg, Merilin 909, 1412, 1413
 Rosenberg, Signe 1743
 Rosenberg, Viive 1289
 Rosend, Julia..... 1414, 1415
 Rosenvald, Sirlil..... 1415
 Rosin, Argo..... 466, 467, 515, 526, 565, 592,
 608, 609, 610, 701, 969, 970, 973
 Ross, Kristiina..... 169
 Ross, Peeter..... 1756
 Rossar, Risto 220
 Rozeik, Helena..... 1738
 Rubanenko, Oleksandr..... 937
 Rubanenko, Olena..... 937
 Ruberg, Priit..... 266
 Rubio-Marcos, Fernando 930, 931
 Rudzite, Liga..... 1744
 Rueda Torres, J. L..... 429
 Ruigrok, Elmer 1334
 Rukavitsõna, Elina 1411
 Rullinkov, Grete 1461
 Rungi, Mait 1745
 Runno-Paurson, Eve 1416
 Russo, Alessandra 1535, 1705
 Ruuben, L. 312
 Ruuben, Toomas 38
 Ruus, Aime 481, 772, 773, 774, 904, 938,
 939
 Ruus, Marili 267
 Ruuto, Urmas 118
 Rõõm, Tairi..... 1527
 Rõõm, Toomas..... 1073
 Rätsep, Margus 150, 1422
 Röning, Juha 16
 Rüberg, S. 429
 Rüdja, Andres 807, 808, 809, 810
 Rünne, Egert 1525
 Rütli, Rinaldo..... 618
 Rüttmann, Tiia 430, 940, 941, 942
 Ryabchikov, Alexander 775
 Ryan, Matt 153

S

Saar, Tõnis 99
 Saari, Mika..... 268
 Saari, T..... 464
 Saarinen, Yrjö..... 1816
 Saarniit, Leno..... 1746
 Saar-Reismaa, Piret..... 1417, 1418

Saarse, Leili.....	1319, 1419
Saat, Mari.....	vt. Meel, Mari
Sacco, Marco.....	729
Sadique, Sadia.....	1420
Safari, Hossein.....	943
Saffarshamshirgar, Ali.....	652, 944, 945
Saha, Anup Kumar.....	1748
Sahk, Tarmo.....	1803, 1817
Sahnoun, Sihem.....	269
Sahoo, P.....	1792
Sahy, Diana.....	1235, 1236
Saini, Abhishek.....	912
Sakhayeva, Aigerim.....	1395
Saksa, Anna.....	1799, 1818
Salman, O. O.....	946, 947
Salmi, T.....	1359
Salminen, Jani.....	1531
Salo, Johanna.....	948, 950
Salo, Laura.....	949
Salonen, Heidi.....	563
Salumaa-Lepik, Kärt.....	1621
Salumets, Andres.....	1410
Salupere, Andrus.....	1421, 1422
Salve, Urmi Ravindra.....	528
Salvet, Sander.....	1749
Samarin, Andrei.....	297
Samarkina, Darya.....	1212
Samel, Nigulas.....	1388, 1463
Samieipour, Ali.....	840, 951
Samman, Faizal.....	270, 271
Sammul, Sirje.....	272
Samoson, Ago.....	182, 237, 273
Sample, Char.....	151, 152
Sanchez, E. Garcia.....	854
Sandøy, Roar.....	1176
Sangwongwanich, Ariya.....	952, 953
Santasheva, Elena.....	431, 954
Sapinski, Tomasz.....	44
Sarapuu, Külli.....	1727
Sariyildiz, Sevil.....	480
Sarkans, Martins.....	731
Sarmiento Guerin, Maria Cecilia....	1217, 1253
Sarmiento, Jeffrey Leonel Redondo... 139, 184,	185
Saroka, Viktor.....	501
Sartayeva, Raushan.....	1678
Sarv Mari Öö.....	1832, 1855
Saska, Joonas.....	1816
Sazonov, Vladimir.....	1537, 1667, 1668
Satco, Daria.....	1042
Sathyan, Sabin.....	955, 956
Satyanarayana, P. V.....	957
Sauer, Christian.....	45, 1162
Sawalha, Lina.....	213
Savest, Natalja.....	624
Sayenko, Yuri.....	1819, 1820, 1824
Scarpa, Gian Marco.....	1423
Scheler, Ott.....	1365
Schloemer, Stefan.....	1393
Schmid, Joachim.....	958, 1036
Schmidt, Carsten.....	1521, 1522, 1638
Schnell, Jürgen.....	1120
Schuckmann, Karina von.....	1424
Schulze, Kevin.....	145
Schwabe, Joachim.....	464
Schwichtenberg, Fabian.....	1425
Schöner, Dominuk.....	145
Scudino, Sergio.....	894
Seif, Mohammad Saeed.....	596
Sein, Sander.....	668, 669, 727, 959, 960, 961
Sekhri, Even.....	962, 963
Sell, Raivo.....	432, 433, 497, 866, 964, 965, 966, 1014, 1091
Semenova, Vlada.....	485
Semjonov, Meeli.....	354
Sencila, V.....	1821
Sepp, Holar.....	1393
Sepp, Jaana.....	1750, 1751, 1752
Sepp, Mari.....	1461
Seppä, Heikki.....	1319
Sepulveda, Johanna.....	40, 41, 64, 65
Sepúlveda, Johanna.....	215, 216
Serafimova, Ekaterina.....	870
Serbin, Aleksandr.....	475
Serrano, Radu Antonio ..	930, 931, 1636, 1640
Seth, Prem Prakash.....	967
Sethumadhavan, M.....	205
Sewdien, V.....	429
Shabbir, Noman.....	614, 615, 869, 968, 969, 970, 971, 972, 973
Shafiei, Mohammad.....	1538, 1704
Shafiq, Muhammad.....	974
Shaikh, Asad A.....	523
Shaikh, Faisal Karim.....	302
Shakya, Shobhit.....	1753
Shams Ghahfarokhi, Payam.....	434, 647, 975, 976
Shan, Zixing.....	1245, 1490
Sharma, Navuday.....	186, 276, 277, 278, 279
Sharma, Sushma.....	984, 1426
Sharma, Vishal.....	279
Sharvadze, Ioane.....	235
She, Jun.....	1198
Sheikh, Fayaz Ahma.....	1580
Shen, Yanfeng.....	770, 952, 953, 977
Shepelev, Vladimir.....	795
Shirokova, Veroonika.....	511, 978, 1809
Shirshneva-Vaschenko, Elena.....	652

Shubenkova, Ksenia.....	793, 794, 795
Shukla, Divya.....	1691
Shults, Tatiana.....	601
Shumilo, Olga.....	1620, 1754
Shumski, Andrei.....	979
Shvartsman, Boris.....	791
Shynkaruk, Lidiia.....	1572
Sihtmäe, Mariliis.....	1300, 1301
Siimets-Gross, Hesi.....	1755
Siirde, Andres	435, 698, 751, 780, 785, 786, 839, 877, 878, 1084
Silberg, Uno.....	1795
Sildever, Sirje.....	1354, 1427, 1428, 1429
Sildvee, Kadri.....	1856, 1857
Sillamäe, Sven.....	980
Sillberg, Pekka.....	268
Silluta, Sandra.....	244
Silm, Estelle.....	1430, 1431, 1432
Silm, Siiri.....	1655
Simha, Ashutosh.....	35, 127, 194, 281, 282
Simonova, Maria.....	981
Simson, Päivo.....	1372
Simson, Raivo.....	436, 680, 716, 816, 982
Singh, Brahma N.....	1385
Singh, Braj R.....	1384
Singh, Deepak.....	914
Singh, Manoj.....	967
Singh, Neera.....	510, 967, 983, 984
Sinivee, Veljo.....	1299
Sink, Henri.....	234
Sintorn, Ida-Maria.....	99
Sipelgas, Liis.....	1161
Sirvio, Konsta Mikael.....	961
Sivakumar, Nallusamy.....	1157
Sivaprasad, Katakam.....	986
Sivitski, Alina.....	985
Skare, Anders.....	1022
Skreiberg, Øyvind.....	571, 1022
Skuratovič, Žana.....	1337
Skwarek, Volker.....	1593
Skytte, Klaus.....	781
Słaby, Ewa.....	1329
Slatvinskyi, Maksym.....	1720
Sleptšuk, Natalja.....	142, 283, 337, 457
Słowinski, Michal.....	1311
Smirnova, Olga.....	1411
Smith-Penzel, Susanne.....	182
Smolander, Olli-Pekka.....	1188, 1253, 1268, 1350, 1374, 1394
Snytnikov, P.....	1055
Sobociński, Pawel.....	284
Soe, Ralf-Martin.....	1521, 1522
Soesoo, Alvar.....	1391, 1433, 1434
Sogomonjan, Melita.....	1756, 1757
Sohail, Manzar.....	458
Sokkalingam, Rathinavelu.....	957, 986
Sokolov, Maxim.....	829
Solarte Vasquez, Maria Claudia	1539, 1605, 1606
Solola, G.T.....	1435
Solvak, Mihkel.....	1758
Somelar, Peeter.....	1436
Sonza Reorda, Matteo.....	101
Soomer, Sigrid.....	1436
Soomere, Tarmo ..	150, 835, 1115, 1119, 1140, 1141, 1142, 1163, 1184, 1185, 1187, 1219, 1220, 1226, 1294, 1295, 1296, 1351, 1355, 1368, 1423, 1437, 1438, 1439, 1440, 1441, 1442
Soosalu, Heidi Elisabet.....	1143, 1334, 1443, 1444
Sooväli, Pille.....	1456
Sorell, Matthew.....	86
Soundarrajan, A.....	836
Soveri, Inga.....	285
Spalatu, Nicolae.....	457, 760, 987
Spiridonova, Jekaterina.....	988, 989
Spitšakova, Margarita.....	286
Spolaor, Andrea.....	1445
Sprincean, Veaceslav.....	760
Sprott, David E.....	1512, 1513, 1596
Spuul, Pirjo.....	1160, 1179, 1411
Squillero, Giovanni.....	69, 71
Srinivasan, Seshadhri.....	105, 130, 205, 206
Sriram, V.....	1227
Srivastava, Manish.....	1446
Srivastava, Neha.....	1446
Srivastava, Rajendra K.....	1598
Szarek, Michael.....	93
Staaf, Karin.....	287
Staehr, Karsten.....	1514, 1571, 1759
Stankova, Stanka.....	568, 569, 570
Starkov, Pavel.....	1174, 1376, 1377, 1378
Starushenko, Galina.....	1645
Stein, Robin S.....	1258, 1760, 1780
Steinberg, Külliki.....	1142
Stepanov, E.G.....	461
Stepenko, Serhii.....	536, 602, 836, 885, 887, 990, 991
Stepien, Mariusz.....	992, 993
Stepurko, Tatiana.....	1650, 1651
Sterpone, Luca.....	222
Stewart, Hazel.....	1447
Stiegler, Robert.....	783
Stinkulis, Girts.....	1448
Stivriņš, Normunds....	1311, 1319, 1449, 1450, 1451
Stjernfelt, Frederik.....	1704

Stoicescu, Stella-Theresa 1317, 1322, 1452
 Storozhenko, Maryna 994, 1053, 1054
 Stoyanova-Ivanova, Angelina 872
 St-Pierre, L. 1801
 Strazdin, Aleks 1465
 Strazzari, Francesco 1535, 1705
 Streimikiene, Dalia 1762
 Stremy, Tomas 1761
 Strods, Gunars 437, 438, 999
 Stulova, Irina 1290, 1453
 Styslo, Bogdan 616, 1113
 Sudheer, Surya 1385, 1426
 Suhhova, Irina 1321
 Sulakatko, Virgo 439, 995, 996
 Sulimov, Mikhail A. 1454, 1455, 1489
 Sultanbek, Adilet 843
 Sultson, Siim 440
 Sulyok, Marton 1585
 Sundar, V. 1227
 Suran, Shweta 288
 Surženkov, Andrei 517, 1037
 Susi, Petri 1488
 Suska, Katarzyna 233
 Suzuki, Miho 200
 Sutter, Hando 858
 Suurkask, Valdu 441, 442, 443
 Suursoo, S. 579
 Suurväli, Piret 1141, 1142
 Święta-Musznicka, Joanna 1311
 Sõmer, Tiia 20, 171, 289, 290, 291
 Sõmera, Merike 1456
 Sõritski, Vitali 502, 675, 676, 677, 678, 927,
 997, 1105
 Sõõru, Erve 21
 Sütterlin, Stefan 180, 181
 Syrgakbayeva, Akmaral 1678
 Systä, Kari 336
 Šelkan, Aleksander 1457
 Ševtšenko, Eduard 437, 438, 656, 787, 943,
 998, 999, 1000
 Škiparev, Vjatšeslav 292
 Šogenov, Kazbulat 1458
 Šogenova, Alla 1458
 Štubna, Igor 640
 Šubin, K. 1335

Z

Zaggia, Luca 1423
 Zahavi, Ali 1001
 Zahid, Anjum 213
 Zaitseva-Pärnaste, Inga 1477, 1822
 Zakaryan, Marieta 1002, 1003
 Zakraoui, Jezia 293

Zamaruiev, Volodymyr 616, 1113
 Zargari, Noa 294
 Zavadskas, Edmundas 634
 Zekker, Ivar 1333
 Zekri, Manel 295
 Zeltser, Maria 1799
 Zemitis, Jurgis 1004
 Zemtsovskaja, Galina 296, 297
 Zernant, Jaana 1144
 Zhang, Hua 1119, 1226
 Zhang, Hui 445
 Zhang, Jianxiang 298
 Zhang, Li-Jun 1341
 Zhang, Linfeng 1763
 Zhang, Rui 1244
 Zhang, Shikai 1005
 Zhang, Siqi 1487
 Zhang, Tao 1006
 Zhang, W.W. 1095
 Zhang, Weiwen 1007
 Zhang, Wenyan 1459
 Zheng, Xiaosong 1550, 1579, 1603, 1762,
 1763, 1764, 1779
 Zhou, Shuqin 1764
 Zhou, Yanjiu 299
 Zhu, Shuang 1103
 Zhurbas, Victor 1460
 Zinchenko, Denys 567, 1008, 1009, 1010,
 1011
 Zinovjev, Kirill A. 1798
 Zolotarev, V. 241
 Zopp, Mairi 259
 Zubov, Alexander 283
 Zubrytski, Dzmitry 1197
 Zujev, Mihhail 1198
 Zwan, Marissa 258, 332
 Žigailov, Sergei 1012
 Žuravljova, Anastassia 1050

T

Taal, Kati 1461
 Taba, Pille 221
 Tabri, Kristjan 1803
 Tabuyo-Benito, Raquel 300
 Taebnia, Mehdi 1013
 Taiber, Joachim 1014
 Taklaja, Paul 682, 974
 Taleb, Masoud 1015
 Talha, Sadaf 331
 Talipova, Tatyana 1373
 Talpsepp, Tõnn 301, 323, 1652
 Talpur, Anum 302
 Talvitie, Oskari 527

Tamberg, Gert..... 1224, 1225
 Tamm, Kadriann 444, 518, 758, 1016, 1017,
 1050
 Tamm, Kert..... 1204, 1372, 1462
 Tamm, Toomas 1356, 1386
 Tamme, Richard..... 1461
 Tammet, Tanel 303, 313
 Tammik, Valdar 314
 Tammiksaar, Erki..... 1205
 Tammoja, Heiki 688
 Tammpuu, Piia..... 46, 1765, 1766
 Tamre, Mart 459, 962, 963, 1001
 Tanabe, Shin-ichi 445
 Tang, Peng 1314
 Tani, Pärtel..... 757
 Tanner, Risto..... 128
 Taplin, Ros..... 1222
 Tapver, Triinu 1767
 Tarasova, Elvira 703, 704, 981
 Tariku, Fitsum..... 612
 Taro, Külli..... 1607
 Tarraste, Marek..... 625, 663, 1018, 1019
 Tasane, Helery 1768
 Tavakoli, Sasan..... 1823
 Taveter, Kuldar 46
 Tavi, Lauri..... 304, 305
 Tealane, Marko 1020
 Teberio, F..... 800
 Teder, Andres..... 1506
 Teder, Anu 354
 Teder, Tarvi..... 1145, 1463
 Tedremaa, Anni..... 1838, 1858
 Tegelberg, Saara 1394
 Tehver, Jaanus..... 1622
 Teichmann, Mare 208, 306
 Telatin, Andrea 1396
 Tempelmeier, Michael 41
 Tenno, Taavo 739, 740, 1333
 Tente, Kevin..... 541
 Tepandi, Jaak 307
 Tepljakov, Aleksei ... 30, 43, 66, 156, 157, 260,
 308, 309, 310
 Teras, Jüri..... 1464, 1476
 Terentjev, Oleksandr..... 1053
 Teunissen, Charlotte E. 258, 332
 Thalfeldt, Martin 367, 559, 571, 679, 680,
 715, 717, 726, 751, 1021, 1022
 Thalheim, Bernhard 120
 Thangalimodzi, Kondwani..... 141
 Thumser, Philipp..... 102
 Tibar, Aiki..... 1835
 Tiidemann, Tiit 1023
 Tiismus, Hans 917, 1024, 1025, 1026, 1027,
 1028, 1029
 Tiismus, Maiu..... 1030
 Tiits, Marek..... 1610
 Tikk, Eneken..... 10
 Tikka, Kimmo..... 1158
 Tikker, Priit..... 455, 1031, 1032, 1033
 Timberg, Loreida 1804
 Timmo, Kristi 577, 665, 920, 1034, 1292
 Timms, Wendy 1222
 Timmusk, Tõnis 1252, 1461, 1474
 Tint, Piia 1707, 1776
 Tintera, Jiri..... 446, 594, 938, 939
 Tirmaste, Kersti 1540
 Tirto, Teofilo..... 1719
 Tiso, Mattia..... 958, 1035, 1036
 Titma, Tiina 311, 312
 Tkachivskyi, Dmytro 517, 1037
 Tohvri, Epi..... 447, 1038
 Tolli, Andres 1797
 Tomasgard, Asgeir..... 823
 Tomberg, Tõnu 1465
 Tomingas, Kalle..... 313
 Tomson, Aivar 1506
 Tonarova, Petra..... 1466
 Toom, Ursula ... 1146, 1239, 1341, 1379, 1467,
 1484, 1485, 1486
 Toomela, Aaro 221, 274, 314
 Toomet, Ott-Siim..... 1557, 1741
 Toomla, Sander..... 1013
 Toompuu, Jana..... 142, 283, 337
 Toots, Maarja..... 1521, 1522, 1769
 Torim, Ants..... 315
 Torsvik, Tomas 1468
 Traksmaa, Rainer..... 517, 641, 642, 867, 1037
 Trapido, Marina 454, 455, 686, 722, 1031,
 1039
 Trashchenkov, Sergei..... 1040
 Tretjakova, Anastassia..... 1418
 Treufeldt, Ülo 428
 Triikkel, Andres 643, 1050, 1491
 Trinajstic, Kate 1469
 Tripti 1297
 Trossbach, Lee..... 153
 Trubitsõn, Dmitri 1470, 1471
 Trujillo-Rasua, Roland..... 60
 Trummal, Tarmo 1041
 Truu, Ahto..... 59
 Truumees, Birgit 1472
 Truve, Erkki..... 1217, 1253, 1456
 Tsahkna, Aide 1416
 Tsap, Valentyna .. 149, 232, 245, 267, 316, 317
 Tsapenko, Alexey 1042
 Tseng, Fan-Gang..... 1179
 Tsenter, Olga..... 1776
 Tsiopoulos, Leonidas 22, 325

Tsulukidze, Mariam 317
 Tsybulenko, Evhen 1770
 Tšepelevištš, Maria 877, 878
 Tšertov, Anton 70, 71
 Tšukrejev, Pavel 706, 1043
 Tuhkanen, Eero 1044, 1045, 1046
 Tuhtan, Jeffrey Andrew 31, 57, 68, 80, 89,
 102, 233, 262
 Tuisk, Tanel 385, 448, 1230, 1232
 Tuisk, Tarmo 1710, 1723, 1771
 Tukia, Toni 902
 Tumanov, Tanel 644
 Tungel, Ernst 481, 630, 684
 Tuomi, Laura 1158, 1175
 Turay, Lukaš 1761
 Turova, Irina 1181
 Turrin, Michel 480
 Tuttelberg, Kaur 1047, 1048
 Tuulik, Maria 236
 Tuulik, Viuu 1590
 Tuvikene, Jürgen 1461
 Tõiste, Tuuliki 1859, 1860, 1861
 Tõnismann, Karmen 1416
 Tõnno, Ilmar 1319, 1473
 Tõnsuaadu, Kaia 641, 642
 Tõnurist, Piret 1649, 1657, 1772
 Tõugu, Vello 1291
 Tähemaa, Toivo 729, 730, 731
 Tähtjärvi, Terje 1416
 Täks, Ermo 46, 149
 Tärno, Ülo 1049
 Török, Zoltan 1565

U

Ubakivi-Hadachi, Pille 1610
 Ubar, Raimund-Johannes ... 101, 123, 124, 125,
 226, 227, 228, 229, 318, 319
 Ubarte, Ieva 631, 632, 633, 634, 635
 Udal, Andres 132, 249, 320, 497, 619, 866
 Udokwu, Chibozur 27, 141
 Uhl, Wolfgang 410
 Uhlen, Kjetil 1047
 Uhlin, Fredrik ... 28, 36, 37, 285, 287, 321, 334
 Uiboupin, Rivo 1161, 1409, 1424
 Uibu, Mai 518, 640, 643, 758, 827, 1050,
 1491
 Ukai, Makiko 470
 Ukrainski, Kadri 1773
 Ullah, Kaleem 1051
 Ulm, Lauri 1052
 Ulp, Sander 23, 322
 Umanskyi, Oleksandr 994, 1053, 1054
 Umbleja, Kadri 320, 619
 Untila, Dumitru 760

Urb, Mari 1474
 Usenov, Galymzhan 1677
 Uskov, S. 1055
 Usmani, Zeba 1297
 Usta, Mustafa Cem 1050, 1491
 Ustinova, Nelli 636
 Ustrnul, Lukas 1387, 1475
 Utjes, Deborah 1476
 Uuema, Madis 1056
 Uusi-Kyyny, Petri 507, 508
 Uusküla-Reimand, Liis 1308
 Uustalu, Tarmo 24, 29, 85, 134, 175, 176,
 177

V

Vaarandi, Risto 54, 55, 61
 Vaarmets, Tarvo 301, 323, 1541, 1652
 Vaasma, T. 579
 Vacht, Piret 1057
 Vagiström, Heinar 523, 775
 Vaher, Kristo 1058, 1059, 1060
 Vaher, Merike 1289, 1417, 1418
 Vahter, Kaimo 1285, 1409, 1477
 Vaik, Rasmus 168
 Vaikmäe, Rein .. 1389, 1393, 1478, 1479, 1480
 Vaimann, Toomas 490, 491, 492, 493, 494,
 495, 572, 573, 575, 576, 590, 591, 647, 797,
 859, 865, 871, 917, 918, 955, 975, 976, 992,
 1025, 1026, 1027, 1028, 1029, 1061
 Vain, Jüri 24, 104, 129, 130, 200, 205, 206,
 230, 231, 280, 324, 325
 Vainik, Ene 236
 Vainola, Vello 1059, 1060
 Valdma, Mati 1401
 Valdmaa, Kaija 1772
 Valimäki, Vesa 1271
 Valli, Ludovico 1173
 Vallmann, Kerli 1403
 Vandenbroucke, Thijs R. A. 1481
 Vansompel, Hendrik 593
 Varbla, Sander ... 554, 1062, 1063, 1064, 1065,
 1066, 1186
 Varblane, Urmas 1142
 Vare, Kadri 168
 Varjas, Toivo 1068
 Varsta, Petri 1801
 Varus, Heivi 259
 Vashisth, Himanshu 510
 Vassiljev, Anatoli 486, 741, 1069
 Vassiljev, Jüri 1319, 1419
 Vassiljev, Maria 1774
 Vassiljeva, Kristina 260, 309
 Vassiljeva, Viktoria 703, 704, 827

Vedešin, Anton 326
 Veinthal, Renno 595, 893, 1862
 Veletic, Mladen 1306, 1327
 Vella-Zarb, Liana 509
 Velmre, Enn 327
 Velthut-Meikas, Agnes 1410
 Veltri, Niccolò 126, 328
 Vendelin, Marko 1270, 1303, 1304, 1305,
 1306, 1327
 Vene, Kristel 1482
 Venesaar, Urve 1542
 Verbytskyi, Ievgen 567
 Verjovkina, Svetlana 1255
 Vernygora, Vlad Alex 1775
 Veske, Andres 1492
 Veski, Rein 1483
 Veski, Siim 1209, 1319, 1450, 1451, 1483
 Vezzosi, Andrea 328
 Viiard, Ene 1131, 1369, 1453
 Viies, Vladimir 125
 Viigimaa, Margus 49, 84, 93, 244, 265, 272,
 296, 297, 329, 330
 Viikmäe, Bert 1187
 Viikna, Anti 705
 Viil, Kaire 1070, 1071, 1072
 Viirok, Johan 1073
 Viirsalu, Mihkel 514, 705, 1074
 Vilcane, Inese 1632, 1776
 Viljus, Mart 517, 523, 625, 891, 1018, 1019,
 1037
 Vilu, Raivo 1290, 1453
 Vinn, Olev 1341, 1467, 1484, 1485, 1486
 Vinnal, Toomas 428, 869
 Vinnikov, Dmitri 449, 456, 520, 522, 533,
 534, 535, 536, 598, 599, 600, 601, 602, 699,
 700, 770, 778, 803, 804, 885, 887, 952, 953,
 977, 991, 1009, 1010, 1011, 1075, 1076,
 1077, 1078, 1079, 1080, 1113
 Vinogradova, Irina 631
 Vintar, Mirko 1728
 Vircava, Ilze 1448
 Visnapuu, Triinu 1208
 Vitismann, Madli 1783
 Vodovozov, Valery 473, 474, 475, 922, 923,
 924, 1081, 1082
 Vodražkova, Stanislav 1466
 Volkamer, Melanie 1523, 1637
 Volkova, Anna 751, 780, 873, 1083, 1084
 Volobujeva, Olga 457, 568, 582, 747, 867, 891,
 987, 1042
 Voolaid, Karen 1777, 1778
 Voolma, Liina 1540
 Vornanen-Winqvist, Camilla 563
 Voronova, Viktoria 753

Vu, Trieu Minh 824, 1085, 1086, 1087
 Vunder, Veiko 310
 Vöhandu, Leo 25
 Vösa, Karl-Villem 1088, 1089, 1090
 Vähi, Kersti 1863
 Vähä-Piikkiö, Olga 1175
 Väli, Berit 1809
 Väli, Germo 1147, 1318, 1340, 1460
 Väljaots, Eero 966, 1091
 Värno, Kätlin 1092, 1093
 Västriik, Laane Reti 1611

W

Waheed, Maham 331
 Wahl, Mike Franz 1544, 1578W
 Waind, Peter 1010
 Wang, Huai 953, 977
 Wang, J. 74
 Wang, Lei 1779
 Wang, Ming 1103
 Wang, P. 1106
 Wang, Ruxin 729, 965, 1094
 Wang, Z. 1095
 Wang, Zhi 1007
 Wang, Wenhui 1314
 Wang, Xue 1487
 Wang, Yi-Xian 1096, 1097
 Weele, Harry van 726
 Wei, Chaohai 1006, 1096
 Wen, Fushuan 166, 529, 1107, 1109, 1110,
 1111
 Wenda, Gregor 1559, 1760, 1780
 Wenzel, Thomas 83
 Werner, Stefan 304, 305
 Werther, Norman 958, 1098
 Wharton, Courtney 1180
 Wibowo, Adhi Rachmat 548
 Wiegand, Thomas 182
 Wilde, Arno de 258, 332
 Williams, Mark 1481
 Wilson, Douglas 1047
 Wilson, Mark A. 1484, 1485, 1486
 Wilson, Robin 1543, 1781
 Wirth, Richard 1329
 Witt, Emlyn David Qivitoq 388, 853, 901,
 1051, 1099, 1100
 Witter, Raiker 201, 1343, 1344, 1345
 Wittmann, Veronika 1101, 1102
 Wolthers, Katja C. 1488
 Wu, Haizhen 1103
 Wyrwas, Małgorzata 50

Ö
Öis, Marella..... 1154
Õnapuu, Enn 450
Õnapuu, Erko 790, 1104

Ö
Ögcem, Ali Recayi..... 1555
Öpik, Andres 502, 675, 676, 677, 678, 927,
1105
Ööpik, Pille 1756

Ü
Üzümcüoglu, Yeşim 558, 629

X
Xi, Lixia 1106
Xiong, Changkun 1490
Xu, Yan 166, 1107

Y
Yakushev, Michael 1108, 1454, 1455, 1489
Yamamoto, Keigo 1354
Yan, Yuan 1109
Yang, Jiajia 1110
Yang, Jizhong 912
Yang, Wentao 1111
Yang, Yongheng 778
Yashin, Maxim..... 476, 523, 891, 1112
Ye, Guojie 1097
Yeferny, Taoufik..... 333
Yelovicheva, Yadviga..... 1287
Yin, Zhongyou 1244, 1245, 1490
Yliskylä-Peuralahti, Johanna 1653
Yngman-Uhlin, Pia 334
Yoon, Gyuyoung..... 470
Young, Seth, A..... 1167, 1177
Yousefzadeh, Saba 335
Yrjökoski, Katariina..... 336
Yuan, Pan..... 485
Yusuf, Mohd Aslam..... 1385
Yörük, Can Rüstü..... 643, 1491

Б
Блінов, А *vt.* Blinov, Andrei

Болгов, В..... *vt.* Bolgov, Viktor

В
Веске, А. *vt.* Veske, Andres
Вінніков, Д..... *vt.* Vinnikov, Dmitri

Г
Габович, Б..... *vt.* Gabovich, Boris
Гусев, Е. *vt.* Gusev, Evgeny

Д
Дай, Ф..... *vt.* Dai, Feng
Диденкулова, И. *vt.* Didenkulova, Irina

З
Замаруєв, В..... *vt.* Zamaruiev, Volodymyr

И
Ивахно, В..... *vt.* Ivakhno, Volodymyr

К
Калужный, Д. *vt.* Kalyuzhniy, Dmitry
Касак, К..... *vt.* Kasak, Kuno
Колесников, Ю. *vt.* Kolesnikov, Yuri
Корольков, О. *vt.* Korolkov, Oleg
Кузнецов, А. *vt.* Kuznetsov, Anton

М
Молодьков, А. *vt.* Molodkov, Anatoli

П
Пелиновский, Е. *vt.* Pelinovsky, Efim
Пийримяэ, К. *See* Piirimäe, Kristjan

С
Саенко, Ю..... *vt.* Sayenko, Yuri
Слепчук, Н. *vt.* Sleptšuk, Natalja
Стисло, Б..... *vt.* Styslo, Bogdan

