

PUBLIKATSIOONID

EHITUSTEADUSKOND

Raamatud

Borodinecs, A., Voll, H., Thalfeldt, M., Petrova, O. et al. Handbook of buildings renovation in Central Baltic Region. [Riga] : Riga Technical University, 2013. 91 p.

Ellmann, A., Kala, V. (koost.). Geodeesia laboratoorse praktikumi juhend. I. Tallinn : TTÜ kirjastus, 2013. 73 lk.

Эллманн, А., Кала, В., Устинова, Н. (сост.). Руководство по геодезической учебной практике. [Таллинн] : Tallinna Tehnikaülikooli Kirjastus, c2013. 140 с.

Engelbrecht, J. (toim.). Teadusmõte Eestis (VIII). Teaduskultuur : [artiklikogumik]. Tallinn : Eesti Teaduste Akadeemia, 2013. 159 lk. (Teadusmõte Eestis ; 8).

Hou, Q., Tijsseling, A.S., Laanearu, J., Annus, I., Koppel, T. et al. Experimental investigation on rapid filling of a large-scale pipeline. Eindhoven : Eindhoven University of Technology, 2013. [28] p. (CASA-report ; 13-35).

Kala, V. Kaartide projektsioonid ja koostamine. Tallinn : TTÜ kirjastus, 2013. 196 lk.

Kalamees, T. jt. (koost.). Ehitusprojekti kirjeldus. Osa 1, Eelprojekti seletuskiri = Description of building design. Part 1, Design note of preliminary design. Tallinn : Eesti Standardikeskus, 2013. 58 lk. (Eesti standard ; EVS 865-1:2013).

Kalamees, T. (ed.). The final research report of the project "Sustainable Management of Historic Rural Churches in the Baltic Sea Region (SMC)". [Tallinn] : TTÜ kirjastus, 2013. 146, [77] p.

Koppel, T. Ventilaatorid. Tallinn : TTÜ kirjastus, 2013. 56 lk.

Kulbach, V. ; (toim.) Võrk, J. Ühe ehitusinseneri meenutusi käidud teedelt. Tallinn : TTÜ kirjastus, 2013. 161 lk.

Kurnitski, J. (ed.). Cost optimal and nearly zero-energy buildings (nZEB) : definitions, calculation principles and case studies. London : Springer, c2013. ix, 176 p. (Green energy and technology).

Kurnitski, J. (ed.). REHVA nZEB technical definition and system boundaries for nearly zero energy buildings : 2013 revision for uniformed national implementation of EPBD recast prepared in cooperation with European standardization organization CEN. Brussels : REHVA, c2013. 53 p. (REHVA report ; 4).

Kurnitski, J., Thalfeldt, M., Kalamees, T., Voll, H., Uutar, A., Rosin, A. Madal- ja liginullenergiahooned : Büroohoonete põhilahendused eskiis- ja eelprojektis. Tallinn : Presshouse, [2013]. 96 lk.

Kõiv, T.-A., Rant, A. Hoonete küte. Tallinn : TTÜ kirjastus, 2013. 404 lk.

Körbe Kaare, K. Performance measurement of a road network : a conceptual and technological approach for Estonia = Teevõrgu tulemuslikkuse mõõtmise : kontseptsioon ja tehnoloogiad Eesti näitel. Tallinn : TUT Press, 2013. 162 p. (Theses of Tallinn University of Technology. F, Thesis on civil engineering ; 39).

Liiv, U., Velner, H.-A., Pärnapuu, M., Hanni, H. (koost.). Veeteed Eestis. Tallinn : TTÜ kirjastus, 2013. 59 lk., [24] lk.

Rannala, M., Metsvahi, T. CIVITAS MIMOSA : Bologna, Funchal, Gdansk, Tallinn and Utrecht : measure evaluation results : [Tallinn]. Wicklow : Interactions Market Research, 2013. [326] p.

Smid, S., Mala, O., Rannala, M. Cost-benefit analysis on crew transfer vessels to minimize downtime of future wind parks [Electronic resource]. Tallinn : Tallinn University of Technology. Mektor, 2013. [53] p.

Sutt, J., Lill, I., Müürsepp, O. The engineer's manual of construction site planning. Oxford : Wiley-Blackwell, 2013. xvi, 179 p.

Suurkask, V. (tlk.). Terastorud vedelkütuste ja küttegaaside torustikele : tehnilised taretningimused. Osa 2, Klassi B nõuetele vastavad torud = Steel pipes for pipelines for combustible fluids : technical delivery conditions. Part 2, Pipes of requirement class B. Tallinn : Eesti Standardikeskus, 2013. II, 47 lk. (Eesti standard ; EVS-EN 10208-2:2009).

Tulvi, A., Villemi, E.-M., Niine, T., Koppel, O., Kiisler, A., Musto, M., Land, M. Logistikasõnastik [Võrguväljaanne]. Tallinn : AS Erahariduskeskus, 2013.

Vaabel, J. Hydraulic power capacity of water supply systems = Veevõrkude hüdrauliline võimsus. Tallinn : TUT Press, 2013. 122 p. (Theses of Tallinn University of Technology. F, Thesis on civil engineering ; 41).

Voronova, V. Assessment of environmental impacts of landfilling and alternatives for management of municipal solid waste = Prügi ladestamise keskkonnamõjud ja alternatiivid olmeprügi käitlemisel. Tallinn : TUT Press, 2013. 142 p. (Theses of Tallinn University of Technology. F, Thesis on civil engineering ; 40).

Voltri, V. (tlk.). Eurokodeks 6 : Kivikonstruktsioonide projekteerimine. Osa 1-1, Üldreeglid sarrustatud ja sarrustamata kivikonstruktsioonide projekteerimiseks = Eurocode 6 : design of masonry structures. Part 1-1, General rules for reinforced and unreinforced masonry structures [Võrguteavik]. Tallinn : Eesti Standardikeskus, 2013. (Eesti standard ; EVS-EN 1996-1-1:2005 + A1:2012 + NA:2013).

Ütt, M., Suurkask, V., Koor, M. (koost.). Välistanalisaatsionivõrk = Sewer systems outside buildings. Tallinn : Eesti Standardikeskus, 2013. 87 lk. koos kaanega. (Eesti standard ; EVS 848:2013).

Ütt, M., Suurkask, V., Koor, M. (koost.). Hoone kanalisatsioon = Draining system inside buildings. Tallinn : Eesti Standardikeskus, 2013. 46 lk. (Eesti standard ; EVS 846:2013).

Artiklid

Aavik, A., Ellmann, A., Paabo, P. Use of geosynthetics for roadbase strengthening – case study in swampy area // XXVIII International Baltic Road Conference : conference proceedings : Lithuania, Vilnius, 26-28 August, 2013. Vilnius : Baltic Road Association, 2013. p. 1-18.

Aavik, A., Kaal, T., Jentson, M. Use of pavement surface texture characteristics measurement results in Estonia // XXVIII International Baltic Road Conference : conference proceedings : Lithuania, Vilnius, 26-28 August, 2013. Vilnius : Baltic Road Association, 2013. p. 1-10.

Alanne, K., Schade, J., Martinac, I., Saari, A., Jokisalo, J., Kalamees, T. Economic viability of energy-efficiency measures in educational buildings in Finland // Advances in building energy research (2013) Vol. 7, 1, p. 120-127.

Alev, Ü. Kuidas vana palkelamut läbimõeldult soojustada? // Ehitaja (2013) 7/8, lk. 51-55.

Alev, Ü., Kalamees, T. Field study of airtightness of traditional rural houses in Estonia // Proceedings of CLIMA 2013 : 11th REHVA World Congress and the 8th International Conference on Indoor Air Quality, Ventilation and Energy Conservation in Buildings, Prague 16th-19th June, 2013. Prague : Society of Environmental Engineering, 2013. [10] p.

Annus, I., Koppel, T., Sarv, L., Ainola, L. Development of accelerating pipe flow starting from rest // Journal of fluids engineering (2013) Vol. 135, 11, p. 111204-1 - 111204-10.

Antso, I., Antov, D., Mäe, R. Settlement changes effect to mobility in suburban area of Tallinn // Journal of international scientific publications : ecology & safety (2013) Vol. 7, 2, p. 4-19.

Boitor, R.M., Antov, D., Antso, I., Iliescu, M. Analyzing the transportation accessibility for the city of Cluj-Napoca, a sustainable approach // Journal of international scientific publications : ecology & safety (2013) Vol. 7, 2, p. 275-286.

Boitor, R.M., Antov, D., Iliescu, M., Antso, I., Mäe, R. Sustainable urban transport planning // Romanian journal of transport infrastructure (2013) Vol. 2, 1, p. 39-50.

Cuthbertson, A.J.S., Lundberg, P., Davies, P.A., Laanearu, J. Gravity currents in rotating, wedge-shaped, adverse channels // Environmental fluid mechanics ([2013]) [23] p.

Ellmann, A. Geodeesia magistriõpe Tallinna Tehnikaülikoolis, selle seosed kutsesüsteemiga // Geodeet (2013) 43(67), lk. 62-63.

Engelbrecht, J. Teerajaja ja innustaja : [akadeemik Nikolai Alumäe] // Horisont (2013) 5, lk. 12-13.

Engelbrecht, J. Akadeemiast : [75 aastat Eesti Teaduste Akadeemiat] // Horisont (2013) 1, lk. 4.

Engelbrecht, J. Baltimaade vaimse koostöö konverents 2013 // Horisont (2013) 1, lk. 14.

Engelbrecht, J. Komplekssüsteemid ja süsteembioloogia // Süsteembioloogia. Tartu : Eesti Looduseuurijate Selts, 2013. lk. 7-11. (Schola biotheoretica ; 39).

Engelbrecht, J. ALLEA 2006-2011 : ALLEA General Assembly, Rome, 11 April 2012 // Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2012. Tallinn : Eesti Teaduste Akadeemia, 2013. p. 187-191.

Engelbrecht, J. Teaduse sees ja ümber // Teadusmõte Eestis (VIII). Teaduskultuur. Tallinn : Eesti Teaduste Akadeemia, 2013. lk. 62-72.

Eriksson, A.K., Iital, A. et al. Phosphorus in agricultural soils around the Baltic Sea – comparison of laboratory methods as indices for phosphorus leaching to waters // Soil use and management (2013) 29, Suppl. 1, p. 5-14.

Eriksson, P., Arumägi, E., Donarelli, A., Stahl, F., Broström, T. Energy efficient historic stone houses – a case study highlighting possibilities and risks // Proceedings of SB13 Munich : Implementing Sustainability – Barriers and Chances : book of full papers. [S.l.] : Fraunhofer IRB Verlag, 2013. p. 99-106.

Gruno, A., Grünthal, E., Ellmann, A. Rannaprotsesside seire aerolaserskaneerimise korduvmõõtmistest // XII Eesti Ökoloogiakonverents, Tartu, 18-19 oktoober 2013. Tartu : Tartu Ülikool, 2013.

Gruno, A., Liibusk, A., Ellmann, A. et al. Determining sea surface heights using small footprint airborne laser scanning // Remote Sensing of the Ocean, Sea Ice, Coastal Waters, and Large Water Regions 2013 : 24 September 2013, Dresden, Germany. Bellingham : SPIE, c2013. p. 88880R-1-88880R-13. (Proceedings of SPIE ; 8888).

Gruno, A., Liibusk, A., Ellmann, A., Oja, T., Vain, A., Jürgenson, H. Small-footprint airborne laser scanner data for validating marine geoid models // 2013 European Space Agency Living Planet Symposium : [programme and abstracts]. [S.l.] : ESA, 2013. [1] p.

Grünthal, E., Gruno, A., Ellmann, A. Rannaprotsesside monitooring aerolaserskaneerimise korduvmõõtmistest // Geodeet (2013) 43(67), lk. 37-42.

Hallas-Murula, K. Early 20th century planning of Tallinn : professional and international context // Архитектура эпохи модерна в странах Балтийского региона, 2011-2013 : тезисы докладов международной научной конференции : программа, 21-23 марта 2013 г. Санкт-Петербург : Нестор-История, 2013. p. 73-75.

Heinvee, M., Tabri, K., Kõrgesaar, M. A simplified approach to predict the bottom damage in tanker grounding // Collision and grounding of ships and offshore structures : [proceedings of the 6th International Conference, ICCGS, Trondheim, Norway, 17-19 June 2013]. Boca Raton : CRC Press, c2013. p. 161-169.

Heinvee, M., Urbel, A., Tabri, K. Dynamic grounding analysis // Proceedings of the 2nd International Conference Optimization and Analysis of Structures : Tartu, Estonia, August 25-27, 2013. Tartu : University of Tartu Press, 2013. p. 39-44.

Hurt, U., Otto, T., Körbe Kaare, K., Koppel, O. New approach to knowledge-driven factory development [Electronic resource] // Annals of DAAAM for 2013 ; Vol. 24. Vienna : DAAAM International Vienna, 2013. p. 1-8 [CD-ROM].

Hurt, U., Veobel, V. Kas Euroopa integratsiooni areng ja föderaliseerumine on samaaegselt võimalikud? // Riigikogu Toimetised (2013) 27, lk. 44-51.

Idnurm, J., Funk, A., Salm, S. Experimental and numerical investigations of timber decks // XXVIII International Baltic Road Conference : conference proceedings : Lithuania, Vilnius, 26-28 August, 2013. Vilnius : Baltic Road Association, 2013. p. 1-10.

Iital, A. Data sets of Baltic Sea resources (Data) // Towards a blue-green economy in the Baltic Sea Region : the submariner roadmap. Gdansk : Maritime Institute in Gdansk, 2013. p. 36.

Iital, A., Klõga, M. Estonia local recommendations // CELA transnational recommendation report : climate change technology transfer across higher education institutes in Latin-America and Europe. Tallinn : Tallinn University of Technology, 2013. p. 22-27.

Ilomets, S., Kalamees, T. Case-study analysis on hygrothermal performance of ETICS on concrete wall after low-budget energy-renovation // Proceedings of XII International Conference on Performance of Exterior Envelopes of Whole Buildings. [S.l.] : ASHRAE, 2013. [15] p.

Ivask, M., Aruvee, E., Piirimäe, K. Database of environmental decision support tools // Transactional environmental support system design : global solutions. Hershey : IGI Global, 2013. p. 70-96. (Premier reference source).

Janno, J. Jätkusuutliku arengu tagamine ohtlike kaupade transpordilogistika vaatenurgast // TalveAkadeemia 2013. Kogumik 11/2013. Tallinn : TalveAkadeemia, 2013. lk. 139-148.

Janulevicius, J., Čygas, D., Giniotis, V., Aavik, A. Assumptions to road pavement testing by non-destructive means // The Baltic journal of road and bridge engineering (2013) Vol. 8, 4, p. 227-231.

Julge, K., Gruno, A., Ellmann, A. Aerolaserskaneerimise andmetest maapinna tuvastamine erinevate filtreerimisalgoritmidega // Geodeet (2013) 43(67), lk. 32-36.

Jürgenson, H., Ellmann, A. Aive Liibusk kaitses filosoofiadoktori kraadi geodeesia erialal // Geodeet (2013) 43(67), lk. 92-93.

Kala, V., Kärdi, E. Kiviõli vana tuhamäe deformatsioonide uuringute mõnedest aspektidest // Geodeet (2013) 43(67), lk. 43-49.

Kalamees, T., Ilomets, S., Kuusk, K., Paap, L. Indoor temperature and humidity conditions in modern Estonian apartment buildings // Proceedings of CLIMA 2013 : 11th REHVA World Congress and the 8th International Conference on Indoor Air Quality, Ventilation and Energy Conservation in Buildings, Prague 16th-19th June, 2013. Prague : Society of Environmental Engineering, 2013. [10] p.

Kalamees, T., Väli, A., Kurik, L. Indoor climate in a naturally ventilated unheated medieval churches // The final research report of the project "Sustainable Management of Historic Rural Churches in the Baltic Sea Region (SMC)". Tallinn : TTÜ kirjastus, 2013. p. 30-51.

Kendra, A. Kas betoonitee tasub ära ja millega tuleks arvestada? // Inseneeria (2013) 11, lk. 12-13.

Kenward, R.E., Piirimäe, K., Ivask, M., Aruvee, E. et al. Design of a transactional environmental support system // Transactional environmental support system design : global solutions. Hershey : IGI Global, 2013. p. 209-245. (Premier reference source).

Keraminiyage, K., Lill, I. Strategies to address gaps in the supply and demand of skills and knowledge in built environment-related disciplines // International journal of strategic property management (2013) Vol. 17, 2, p. 111-113.

Kerge, E.-H., Naar, H., Tabri, K. A theory of coupled beams for non-prismatic ship structure // Proceedings of the 2nd International Conference Optimization and Analysis of Structures : Tartu, Estonia, August 25-27, 2013. Tartu : University of Tartu Press, 2013. p. 45-51.

Kiisler, E., Linnas, R., Liias, R., Kurnitski, J. jt. Ehitusvaldkonna mõttetalgud : ehitussektor on majanduskliima lakkuspaber : [sõna võtsid TTÜst Reet Linnas, Roode Liias, Jarek Kurnitski jt.] // Ehitaja (2013) 5, lk. 10-12.

Kivimägi, J., Loigu, E. The environmental and economical feasibility of an organised waste collection scheme as a part of integrated waste management system // International journal of energy and environment (2013) Vol. 7, 4, p. 178-187.

Kivimägi, J., Loigu, E. Organised municipal waste collection scheme as an administrative tool for recycling and recovery // Recent advances in environmental science : [proceedings of the EESD'13, WWAI'13, NAHA'13, CGB'13, GEO'13, FIAAC'13] : Lemesos, Cyprus, March 21-23,

2013. [S.I.] : WSEAS Press, c2013. p. 198-203. (Energy, environmental and structural engineering series ; 7).

Klöšeiko, P., Arumägi, E., Kalamees, T. Hygrothermal performance of internally insulated brick wall in cold climate : field measurement and model calibration // Contributions to Building Physics : proceedings of the 2nd Central European Symposium on Building Physics : 9-11 September 2013, Vienna, Austria. Vienna : Vienna University of Technology, 2013. p. 185-192.

Klöšeiko, P., Kalamees, T. Eesti uuritud kirikute ehitustehniline seisund // The final research report of the project "Sustainable Management of Historic Rural Churches in the Baltic Sea Region (SMC)". Tallinn : TTÜ kirjastus, 2013. lk. 7-29.

Koppel, O., Körbe Kaare, K. Defining key performance indicators for infrastructure in Estonian national transportation policy // General Proceedings of the 13th World Conference on Transport Research. Rio de Janeiro : World Conference on Transport Research Society, 2013. [2] p.

Koppel, T., Vassiljev, A. Estimation of real-time water fluxes in water distribution system on the basis of pressure measurements // Advances in engineering software (2013) Vol. 66, p. 19-23.

Kuhi, K., Körbe Kaare, K., Koppel, O. Estimation of missing or incomplete data in road performance measurement systems // World Academy of Science, Engineering and Technology. International journal of mechanical, industrial science and engineering (2013) Vol. 7, 10, p. 79-85.

Kurnitski, J. Kas ir gandriz nulles energijas ekas? Eiropas Inženieru savienibu federacijas definicija // Latvijas buvniecība (2013) 2, l. 4-10.

Kurnitski, J. Madal- ja liginullenergiamajad – väikeste ja nullilähedaste energiakuludega majad // Kalender 2014. [S.I.] : Gondo Olevsoo, c2013. lk. 103-108.

Kurnitski, J. Liginullenergiamajad – Euroopa ehituse tulevik // Inseneeria (2013) 5, lk. 32-33.

Kurnitski, J. Technical definition for nearly zero energy buildings // The REHVA European HVAC journal (2013) Vol. 50, 3, p. 22-28.

Kurnitski, J. Nearby use of renewable energy sources – an alternative for on-site production // The REHVA European HVAC journal (2013) Vol. 50, 4, p. 11-12.

Kurnitski, J. REHVA nZEB technical definition and system boundaries for nearly zero energy buildings // Proceedings of CLIMA 2013 : 11th REHVA World Congress and the 8th International Conference on Indoor Air Quality, Ventilation and Energy Conservation in Buildings, Prague 16th-19th June, 2013. Prague : Society of Environmental Engineering, c2013. [10] p.

Kurnitski, J. WS 16 nZEB nearly zero energy buildings – system boundaries and implementation in national codes // Energy efficient, smart and healthy buildings : REHVA Workshops at CLIMA 2013 : Prague, Czech Republic, 17-19 June 2013. Brussels : REHVA, c2013. p. 81-87.

Kurnitski, J. Nearly zero-energy building's (nZEB) definitions and assessment boundaries // Cost optimal and nearly zero-energy buildings (nZEB) : definitions, calculation principles and case studies. London : Springer, c2013. p. 7-30. (Green energy and technology).

Kurnitski, J. Cost optimal energy performance // Cost optimal and nearly zero-energy buildings (nZEB) : definitions, calculation principles and case studies. London : Springer, c2013. p. 47-56. (Green energy and technology).

Kurnitski, J., Achermann, M. et al. nZEB case studies // Cost optimal and nearly zero-energy buildings (nZEB) : definitions, calculation principles and case studies. London : Springer, c2013. p. 135-176. (Green energy and technology).

Kurnitski, J., Feldmann, Christian et al. Present energy performance requirements and nZEB targets in some selected countries // Cost optimal and nearly zero-energy buildings (nZEB) : definitions, calculation principles and case studies. London : Springer, c2013. p. 31-46. (Green energy and technology).

Kurnitski, J., Grönlund, V., Reinikainen, E. Comparison of energy performance requirements in selected countries // Proceedings of CLIMA 2013 : 11th REHVA World Congress and the 8th International Conference on Indoor Air Quality, Ventilation and Energy Conservation in Buildings, Prague 16th-19th June, 2013. Prague : Society of Environmental Engineering, c2013. [10] p.

Kurnitski, J., Kalamees, T., Tark, T. Early stage CAD-compliant energy performance assessment method // Journal of energy and power engineering (2013) Vol. 7, 9, p. 1662-1668.

Kurnitski, J. Svenska BBR slappast i Norden // Energi & miljö (2013) 8, s. 6-7.

Kurnitski, J., Saari, A., Kalamees, T., Vuolle, M., Niemelä, J., Tark, T. Cost optimal and nearly zero energy performance requirements for buildings in Estonia // Estonian journal of engineering (2013) Vol. 19, 3, p. 183-202.

Kuusik, A., Kuusik, A., Loigu, E., Sokk, O. Predicting preferable substrate blends for the production of biogas // Recent advances in environmental science : [proceedings of the EESD'13, WWAI'13, NAHA'13, CGB'13, GEO'13, FIAAC'13] : Lemesos, Cyprus, March 21-23, 2013. [S.I.] : WSEAS Press, c2013. p. 192-197. (Energy, environmental and structural engineering series ; 7).

Kuusik, A., Kuusik, A., Loigu, E., Sokk, O., Pachel, K. Selection of most promising substrates for biogas production // International journal of energy and environment (2013) Vol. 7, 3, p. 115-124.

Kuusik, A., Kuusik, A., Pachel, K., Loigu, E., Sokk, O. Generalised intergation of solid waste treatment practices to enhance methane productivity, generate suspension fertiliser and upgrade biogas // European scientific journal (2013) Vol. 9, 36, p. 14-30.

Kuusik, A., Loigu, E., Kuusik, A., Sokk, O. Possibility of enhancing methane productivity in anaerobic reactors in the treatment of excess sludge from wastewater treatment plants // International journal of science and engineering investigations (2013) Vol. 2, 12, p. 33-36.

Kuusk, K., Kalamees, T. Low- and nearly zero energy solutions for apartment buildings in Estonia // Proceedings of CLIMA 2013 : 11th REHVA World Congress and the 8th International Conference on Indoor Air Quality, Ventilation and Energy Conservation in Buildings, Prague 16th-19th June, 2013. Prague : Society of Environmental Engineering, 2013. [10] p.

Kõiv, T.-A. Kalorifeel ; Kaugküte ; Keskküte ; Kiirgusküte // TEA entsüklopeedia. 10. köide, Kallas – klarnet. Tallinn : TEA Kirjastus, 2013. lk. 15, 185-186, 263, 295.

Kõiv, T.-A., Mikola, A. Ventilating of old apartment buildings // Recent advances in Energy and Environment Integrated Systems : proceedings of the 2nd International Conference on Integrated Systems and Management for Energy, Development, Environment and Health (ISMAEDEH '13) : Morioka City, Iwate, Japan, April 23-25, 2013. [S.I.] : WSEAS Press, 2013. p. 11-16. (Energy, environmental and structural engineering series ; 9).

Kõiv, T.-A., Mikola, A., Toode, A. DHW design flow rates and consumption profiles in educational, office buildings and shopping centres // Smart grid and renewable energy (2013) Vol. 4, 3, p. 287-296.

Körbe Kaare, K., Koppel, O. Performance measurement data as an input in national transportation policy // XXVIII International Baltic Road Conference : conference proceedings : Lithuania, Vilnius, 26-28 August, 2013. Vilnius : Baltic Road Association, 2013. p. 1-9.

Körbe Kaare, K., Koppel, O., Kuhi, K. Use of smartphone accelerometers for winter road maintenance improvement in urban areas // Urban transport XIX. Southampton : WIT Press, 2013. p. 253-263. (WIT transactions on the built environment ; 130).

Körbe Kaare, K., Koppel, O., Leppiman, A. The Eastern Baltic LNG terminal as a prospect to improve security of regional gas supply // Recent Advances in Environment, Energy, Ecosystems and Development : proceedings of the 2013 International Conference on Environment, Energy, Ecosystems and Development (EEEAD 2013), Venice, Italy, September 28-30, 2013. [S.I.] : WSEAS, 2013. p. 158-164. (Energy, environmental and structural engineering series ; 16).

Körbe Kaare, K., Ots, M. Logistics-themed summer school in Estonia [Electronic resource] // Life in Estonia (2013) Spring, p. 8.

Laanearu, J. Mere- ja jõevee koostoime dünaamikast Pärnu jõe suudmealal // Keskkonnatehnika (2013) 5, lk. 10-12.

Liias, R. Kuidas arvestada arendusprojekti maksumust – sissejuhatus inseneriökonomikasse // Peatükke planeerimisest : protsesse, meetodeid ja näiteid [Võrguteavik]. Tartu : Tartu Ülikool, 2013. lk. 110-123.

Liias, R. Karl Ipsberg : ehitusinsener ja rektor // Tallinna Tehnikaülikooli aastaraamat 2012. [Tallinn] : TTÜ kirjastus, 2013. lk. 52-54.

Liibusk, A., Ellmann, A., Kõuts, T., Jürgenson, H. Precise hydrodynamic leveling by using pressure gauges // Marine geodesy (2013) Vol. 36, 2, p. 138-163.

Liisma, E., Raado, L.-M. Internal and external damages of concrete with poor quality of coarse limestone aggregate // CESB 13 Prague : Central Europe towards Sustainable Building 2013 : sustainable building and refurbishment for next generations. Prague : Grada Publishing for Faculty of Civil Engineering, Czech Technical University in Prague, 2013. p. 393-396.

Maharjan, B., Pachel, K., Loigu, E. Urban stormwater quality and quantity in the city of Tallinn // European scientific journal (2013) 3, Special ed., p. 305-314.

Maivel, M., Kurnitski, J. Low temperature radiator heating distribution and emission efficiency in residential buildings // Energy and buildings (2013) 69, C, p. 224-236.

Melk, K., Naar, H. et al. Shear response of prismatic passenger ship hull-girders // Analysis and design of marine structures : proceedings of the 4th International Conference on

Marine Structures (MARSTRUCT 2013), Espoo, Finland, 25-27 March 2013. Boca Raton : CRC Press, c2013. p. 477-483.

Metsaveer, J. Kolmas tugevusõpetuse õpik : sõnavõtt õpiku "Tugevusõpetus" esitlusel 28. septembril 2012 TTÜs // Tallinna Tehnikaülikooli aastaraamat 2012. [Tallinn] : TTÜ kirjastus, 2013. lk. 282-283.

Mikola, A., Kõiv, T.-A. Indoor climate problems in apartment and school buildings // Proceedings of CLIMA 2013 : 11th REHVA World Congress and the 8th International Conference on Indoor Air Quality, Ventilation and Energy Conservation in Buildings, Prague 16th-19th June, 2013. Prague : Society of Environmental Engineering, 2013. p. 1754-1764.

Mikola, A., Kõiv, T-A., Kalamees, T. Quality of ventilation systems in residential buildings : status and perspectives in Estonia // International workshop : securing the quality of ventilation systems in residential buildings : status and perspectives : proceedings : Brussels, Belgium, 18-19 March 2013. [S.I.] : AIVC, 2013. [10] p.

Mill, T., Alt, A., Liias, R. Combined 3D building surveying techniques – terrestrial laser scanning (TLS) and total station surveying for BIM data management purposes // Journal of civil engineering and management (2013) 19, S1, p. S23-S32.

Mustakallio, P., Kurnitski, J. Energy efficiency measures : in different climates and in architectural competitions // Cost optimal and nearly zero-energy buildings (nZEB) : definitions, calculation principles and case studies. London : Springer, c2013. p. 79-102. (Green energy and technology).

Mäe, R., Antov, D., Antso, I. Jobs created out of Tallinn have not reduced commuting // The Baltic journal of road and bridge engineering (2013) Vol. 8, 1, p. 58-65.

Mäe, R., Antov, D., Antso, I., Kalenoja, H. Determining the travel-related zones in urban and suburban areas of Tallinn // XXVIII International Baltic Road Conference : conference proceedings : Lithuania, Vilnius, 26-28 August, 2013. Vilnius : Baltic Road Association, 2013. p. 1-9.

Mägi, R. Engineering graphics and humor // Scientific proceedings of the 12th International Conference on Engineering Graphics BALTGRAF 2013 : June 5-7, Riga, Latvia. Riga : Riga Technical University, 2013. p. 141/300-148/300.

Mägi, R. Perspective view possibilities // Scientific proceedings of the 12th International Conference on Engineering Graphics BALTGRAF 2013 : June 5-7, Riga, Latvia. Riga : Riga Technical University, 2013. p. 149/300-156/300.

Mägi, R., Möldre, H. To create or to explode? // Scientific proceedings of the 12th International Conference on Engineering Graphics BALTGRAF 2013 : June 5-7, Riga, Latvia. Riga : Riga Technical University, 2013. p. 157/300-162/300.

Mölder, H., Järvet, A. Kakskümmend aastat Eesti veeühingut // Keskkonnatehnika (2013) 6, lk. 5-6.

Napp, M., Kalamees, T. Energy and indoor climate performance of heat pumps and dehumidification // The final research report of the project "Sustainable Management of Historic Rural Churches in the Baltic Sea Region (SMC)". Tallinn : TTÜ kirjastus, 2013. p. 102-125.

Niine, R., Loigu, E., Pachel, K. Compliance of wastewater treatment plants in Järva Country with the EU urban wastewater treatment directive and Estonian national requirements // European scientific journal (2013) 3, Special ed., p. 365-375.

Niine, R., Loigu, E., Pachel, K. Distribution of different pollution loads from wastewater treatment plants and their impact on water bodies in Estonia // International journal of energy and environment (2013) Vol. 7, 2, p. 86-95.

Niine, R., Loigu, E., Tang, W.Z. Development of Estonian nutrient discharge standards for wastewater treatment plants // Estonian journal of engineering (2013) Vol. 19, 2, p. 152-168.

Nuuter, T., Lill, I. Pitfalls of excessive owner occupied housing // Procedia engineering (2013) Vol. 57, p. 830-836.

Oja, T., Bloom, A., Talvik, S., Jürgenson, H., Ellmann, A. Relative gravity measurements on ice-covered water bodies // 150th Anniversary of the IAG : book of abstracts : September 1-6, 2013, Potsdam. Potsdam : IAG, 2013. p. 379.

Oja, T., Kollo, K., Talvik, S. Põhjamaade geodeesiakomisjoni (NKG) teadusnädal Reikjavikis, Islandil 2013. a kevadel // Geodeet (2013) 43(67), lk. 99-100.

Oldekop, N., Liiv, T. Measurement of the variation of shear velocity on bed during a wave cycle // journal of earth science and engineering (2013) Vol. 3, 5, p. 322-330.

Pikas, E. Timmitud ehituse seminaril kohtus teooria praktikaga // Ehitaja (2013) 4, lk. 20, 22.

Pruunsild, R., Antov, D. Estonian national road network and maintenance financing - needs, modelling and suggestions // XXVIII International Baltic Road Conference : conference proceedings : Lithuania, Vilnius, 26-28 August, 2013. Vilnius : Baltic Road Association, 2013. p. 1-8.

Pruunsild, R., Antov, D. The maintenance financing of Estonian national road network – present and the future // Journal of international scientific publications : economy & business (2013) Vol. 7, 3, p. 15-25.

Raado, L.-M. Katusekivi ; Katusepapp ; Kergkruus ; Killustik ; Kips ; Kiudbetoon ; Kivivil ; Klaas ; Klaasvill // TEA entsüklopeedia. 10. köide, Kallas – klarnet. Tallinn : TEA Kirjastus, 2013. lk. 182, 249, 306, 330, 354, 364, 365, 368.

Raado, L.-M., Hain, T. Laboratory study of plaster, render and mortar samples // The final research report of the project "Sustainable Management of Historic Rural Churches in the Baltic Sea Region (SMC)". Tallinn : TTÜ kirjastus, 2013. p. 69-78.

Raado, L.-M., Hain, T., Somelar, P., Uibu, M. Mineralogical composition and strength formation of oil shale ash based building composites // International oil shale symposium : Tallinn, Estonia, June 10-13, 2013. [S.I.], 2013. p. 58.

Railio, J., Kurnitski, J., Mazzarella, L. REHVA Task Forces – backbone of the REHVA Technical activities // The REHVA European HVAC journal (2013) Vol. 50, 5, p. 65-68.

Randlepp, A., Ellmann, A. Ühe stereogrammi lugu // Geodeet (2013) 43(67), lk. 86-87.

Ratassepp, M., Chati, F., Klauson, A. Using orthogonality-relation for the separation of Lamb modes at a plate edge // Proceedings of the 2nd International Conference Optimization and Analysis of Structures : Tartu, Estonia, August 25-27, 2013. Tartu : University of Tartu Press, 2013. p. 129-134.

Ratassepp, M., Klauson, A., Chati, F., Léon, F., Maze, G. Separation of Lamb modes at a plate edge by using orthogonality relation // Estonian journal of engineering (2013) Vol. 19, 4, p. 283-291.

Reihan, A. Estonia // PROMITHEAS-4 : Knowledge transfer and research needs for preparing mitigation/adaptation policy portfolios : fact sheet – October 2013. [S.I.], 2013. [4] p.

Rätsep, I. Siid läbi aegade // Kalender 2013. Tallinn : Gondo Olevsoo, 2012. lk. 127-143.

Santos, M.C., Vaníček, P., Ellmann, A. et al. Evaluation of Stokes-Helmert geoid model computation using a synthetic gravity field // Joint Scientific Congress "Bridging Environmental Science, Policy, and Resource Management". Session : Gravity, Geoid and Height Systems. Saskatoon, 2013.

Schmid, J., Boström, L., Just, A. et al. The load-bearing performance of CLT wall elements in full-scale fire tests // Interflam 2013 : 13th International Fire Science and Engineering Conference : Royal Holloway College University of London, UK : 24th-26th June 2013 : conference proceedings. Vol. 2. London : Interscience Communications, 2013. p. 1143-1156.

Schmid, J., Klippel, M., Just, A., Frangi, A. Comparison of the fire resistance of timber members in tests and calculation models // CIB-W18 2013, International Council for Research and Innovation in Building and Construction, Working Commission W18 – Timber Structures, Meeting 46, 26-29 August 2013. Karlsruhe : Lehrstuhl für Ingenieurholzbau und Baukonstruktionen, 2013.

Seppänen, O., Kurnitski, J. Target values for indoor environment in energy-efficient design // Cost optimal and nearly zero-energy buildings (nZEB) : definitions, calculation principles and case studies. London : Springer, c2013. p. 57-78. (Green energy and technology).

Sergejeva, M., Laanearu, J. Optimal utilization of rain-water heat in domestic water system of public building // CLIMA 2013 : 11th REHVA World Congress and the 8th International Conference on IAQVEC : June 16–19, 2013, Prague Congress Centre, Czech Republic : programme. [Prague, 2013]. p. 114.

Sergejeva, M., Laanearu, J., Tabri, K. Hydraulic modelling of submerged oil spill including tanker hydrostatic overpressure // Analysis and design of marine structures : proceedings of the 4th International Conference on Marine Structures (MARSTRUCT 2013), Espoo, Finland, 25-27 March 2013. Boca Raton : CRC Press, c2013. p. 209-217.

Talvik, S., Julge, K., Ellmann, A. Geodeesia ja geoinformaatika tutvustamine kooliõpilastele // Geodeet (2013) 43(67), lk. 87-89.

Talvik, S., Kangur, A. Metsapuude maapealne laserskaneerimine – võlud ja valud // XII Eesti Ökoloogiakonverents, Tartu, 18-19 oktoober 2013. Tartu : Tartu Ülikool, 2013.

Talvik, S., Oja, T. IAG2013 teaduslik assamblee Potsdamis, Saksamaal // Geodeet (2013) 43(67), lk. 101-102.

Talvik, S., Oja, T., Ellmann, A., Jürgenson, H. Modelling the influence of terraced landforms to the Earth's gravity field // International Symposium on Gravity, Geoid and Height Systems GGHS2012 : Venice, October 9-12, 2012. [S.I.], 2013.

Tennokese, K., Kõiv, T.-A., Mikola, A., Vares, V. The application of the ground source and air-to-water heat pumps in cold climate areas // Smart grid and renewable energy (2013) Vol. 4, 7, p. 473-481.

Thalfeldt, M., Kurnitski, J., Mikola, A. Nearly zero energy office building without conventional heating // Estonian journal of engineering (2013) Vol. 19, 4, p. 309-328.

Thalfeldt, M., Kurnitski, J., Voll, H. Fenestration design for low and nearly zero energy buildings in a cold climate // Proceedings of CLIMA 2013 : 11th REHVA World Congress and the 8th International Conference on Indoor Air Quality, Ventilation and Energy Conservation in Buildings, Prague 16th-19th June, 2013. Prague : Society of Environmental Engineering, 2013.

Thalfeldt, M., Pikas, E., Kurnitski, J., Voll, H. Facade design principles for nearly zero energy buildings in a cold climate // Energy and buildings (2013) 67, p. 309-321.

Tosa, C., Antov, D., Köllő, G., Rõuk, H., Rannala, M. A methodology for modelling traffic related carbon monoxide emissions in suburban areas // Transport (2013) p. 1-8.

Tuhkanen, E., Õiger, K. The behavior of toothed-plate connectors under reversed cyclic loading // Structures and architecture : concepts, applications and challenges : proceedings of the second International Conference on Structures and Architecture, Guimarães, Portugal, 24-26 July 2013. London : CRC Press, c2013. p. 2248-2254.

Van de Loock, J., Klauson, A. et al. Acoustic radiation of a submerged cylindrical shell in low frequency // Journal of the Acoustical Society of America (2013) Vol. 133, 1, p. EL26-EL32.

Vaníček, P., Ellmann, A. et al. Testing Stokes-Helmert geoid model computation on a synthetic gravity field : experiences and shortcomings // Studia geophysica et geodaetica (2013) Vol. 57, 3, p. 369-400.

Vassiljev, A., Blinova, I. Overview of water quality problems in Estonia with the focus on drained peat areas as a source of nitrogen // Understanding Freshwater Quality Problems in a Changing World : [proceedings]. Oxfordshire : IAHS Press, 2013. p. 69-76. (IAHS publications ; 361).

Vassiljev, A., Koppel, T. Use of the real-time demands for calibration of water distribution systems // Proceedings of the Fourteenth International Conference on Civil, Structural and Environmental Engineering Computing. Stirlingshire : Civil-Comp Press, 2013. p. 1-9 [Paper 233]. (Civil-Comp proceedings).

Veebel, V., Teder, A., Kulu, L., Viikmaa, K., Hurt, U. Eurosooni majandus- ja finantskriisi lahendusmeetmed ja valikud mõjugruppide seisukohast // Theory and practice of economic policy in the European Union = Wirtschaftspolitische Theorie und Praxis in der Europäischen Union = Majanduspoliitika teooria ja praktika Euroopa Liidus : [artiklite kokkuvõtted]. 1. Berlin : Berliner Wissenschafts-Verlag ; Tallinn : Mattimar, 2013. lk. 77-83. (Eesti majanduspoliitilised vätlused ; 21, 1).

Veebel, V., Teder, A., Kulu, L., Viikmaa, K., Hurt, U. Europäische Verschuldung- und Wirtschaftskrise 2008-2012 : die Analyse der Krisenmassnahmen aus der Sicht von den Beteiligten [Electronic resource] // Theory and practice of economic policy in the European Union = Wirtschaftspolitische Theorie und Praxis in der Europäischen Union = Majanduspoliitika teooria ja praktika Euroopa Liidus : [artiklid]. 1. Berlin : Berliner Wissenschafts-Verlag ; Tallinn : Mattimar, 2013. s. 187-205. [CD-ROM]. (Eesti majanduspoliitilised vätlused ; 21, 1).

Witt, E., Lill, I. et al. Towards a framework for closer university-industry collaboration in educating built environment professionals // International journal of strategic property management (2013) Vol. 17, 2, p. 114-132.

Witt, E., Lill, I. Globalization effects – language proficiency and understanding // Creating Global Competitive Economies : 2020 Vision Planning & Implementation. Rome : International Business Information Management Association, 2013. p. 845-855.

Witt, E., Lill, I. Introducing augmented reality into education – opportunities for innovation and entrepreneurship [Electronic resource] // EUAS conference Innovation and Entrepreneurship : book of abstracts. Tallinn : Estonian Entrepreneurship University of Applied Sciences, 2013. p. 9.

Völl, H., Kosonen, R., Kurnitski, J. Basic design principles of nZEB buildings in scoping and conceptual design // Cost optimal and nearly zero-energy buildings (nZEB) : definitions, calculation principles and case studies. London : Springer, c2013. p. 103-134. (Green energy and technology).

Voronova, V., Piirimäe, K., Virve, M. Assessment of the applicability of the Pay as You Throw system into current waste management in Estonia // Management of environmental quality : an international journal (2013) Vol. 24, 5, p. 667-681.

Väli, A., Kalamees, T. Overview of air infiltration in the studied church buildings // The final research report of the project "Sustainable Management of Historic Rural Churches in the Baltic Sea Region (SMC)". Tallinn : TTÜ kirjastus, 2013. p. 52-56.

Õiger, K. Sõnavõtt Tampere Tehnikaülikoolis audoktoriks promoveerimisel : 18. mail 2012 Tampere Majas // Tallinna Tehnikaülikooli aastaraamat 2012. [Tallinn] : TTÜ kirjastus, 2013. lk. 252-253.

Õiger, K. Vesilennukite angaaride raudbetoonkonstruktsioonide restaureerimisest // Muinsuskaitse aastaraamat 2012. [Tallinn] : Muinsuskaitseamet, c2013. lk. 6-8.

Õiger, K. Conservation of the reinforced concrete structures of the seaplane hangars // Estonian cultural heritage : preservation and conservation. Vol. 1. Tallinn : National Heritage Board, 2013. p. 34-35.

ENERGEETIKATEADUSKOND

Raamatud

Allard, B., Karu, V., Valgma, I. et al. ; (ed.). Cala, M. Mining waste management in the Baltic Sea region. Min-Novation project. Krakow : Wydawnictwa AGH, 2013. 263, [1] p.

Andrijanovitš, A. New converter topologies for integration of hydrogen based long-term energy storages to renewable energy systems = Uued muundurite topoloogiad vesinikul põhinevate energiasalvestite integreerimiseks taastuvenergiasüsteemidesse. Tallinn : TUT Press, 2013. 147 p. (Theses of Tallinn Technical University. D, Thesis on power engineering, electrical engineering, mining engineering ; 59).

Beldjajev, V. Research and development of the new topologies for the isolation stage of the power electronic transformer = Jõuelektronilise trafo isolatsioonilüli uudsete topoloogiate uurimine ja arendamine. Tallinn : TUT Press, 2013. 139 p. (Theses of Tallinn Technical University. D, Thesis on power engineering, electrical engineering, mining engineering ; 60).

Brindfeldt, E. Visually structured methods and tools for industry automation = Visuaalselt struktureeritud meetodid ja vahendid tootmise automatiserimiseks. Tallinn : TUT Press,

2013. 207 p. (Theses of Tallinn Technical University. D, Thesis on power engineering, electrical engineering, mining engineering ; 61).

Grossfeldt, G., Kolats, M., Saarnak, M., Uibopuu, L., Valgma, I. (koost.). Mäeinstuut 75 : võrguteavik. Tallinn : TTÜ mäeinstuut, 2013. 257 lk.

Kallaste, A. Low speed permanent magnet slotless generator development and implementation for windmills = Aeglasekäigulise uurdevaba püsimagagnetgeneraatori väljatöötamine ja rakendamine tuulikutes. Tallinn : TUT Press, 2013. 141 p. (Theses of Tallinn Technical University. D, Thesis on power engineering, electrical engineering, mining engineering ; 63).

Kand, P. ; (toim.) Reinsalu, E. Kaevanduse romaan. Tallinn : [S.n.], 2013. 300 lk.

Lehtla, T. (tlk.). Madalpingelised aparaadikoostet. Osa 3, Jaotuskilbid, mida tohivad käsitada tavaiskud = Low-voltage switchgear and controlgear assemblies. Part 3, Distribution boards intended to be operated by ordinary persons (DBO) (IEC 61439-3:2012). Tallinn : Eesti Standardikeskus, 2013. II, 27 lk. (Eesti standard ; EVS-EN 61439-3:2012).

Lehtla, T., Lahtmets, R., Timmermann, I. (toim.). Juhan Laugis 07.03.1938 – 01.11.2010 : meenutused. Artiklid. Bibliograafia. Tallinn : Tallinna Tehnikaülikool, 2013. 97 lk.

Mets, I. Measurement and data communication technology for the implementation in Estonian transmission network = Mööte- ja andmesidetechnoloogia uurimine ja rakendamine Eesti körgepinge ülekandevõrgus. Tallinn : TUT Press, 2013. 131 p. (Theses of Tallinn University of Technology. D, Thesis on power engineering, electrical engineering, mining engineering ; 64).

Mägi, M. Development and control of energy exchange processes between electric vehicle and utility network = Elektriauto energiasalvesti ja elektrijaotusvõrgu energiavahetusprotsesside uurimine ja juhtimine. Tallinn : TUT Press, 2013. 261 p. (Theses of Tallinn Technical University. D, Thesis on power engineering, electrical engineering, mining engineering ; 62).

Oidram, R. (tlk.). Körgepinge katsetehnika. Osa 1, Üldised määratlused ja katsenõuded = High-voltage test techniques. Part 1, General definitions and test requirements (IEC 60060-1:2010). Tallinn : Eesti Standardikeskus, 2013. II, 74 lk. (Eesti standard ; EVS-EN 60060-1:2010).

Reinsalu, E. Eesti mändus. II : õpik geotehnoloogia magistrantidele ja doktorantidele. Tallinn : Tallinna Tehnikaülikooli mäeinstuut, 2013. 111 lk.

Risthein, E. Energiatehnika ja maailm. Tallinn : TTÜ kirjastus, 2013. 439, [1] lk.

Risthein, E. (tlk.). Madalpingelised elektripaigaldised. Osa 7-710, Nõuded eripaigaldistele ja -paikadele. Ravipaigad = Low-voltage electrical installations. Part 7-710, Requirements for special installations or locations. Medical locations (IEC 60364-7-710:2002, modified). Tallinn : Eesti Standardikeskus, 2013. II, 47 lk.

Risthein, E. (tlk.). Voolu toime inimestele ja koduloomadele. Osa 3, Läbi koduloomakeha kulgeva voolu toime = Effects of current on human beings and livestock. Part 3, Effects of currents passing through the body of livestock (IEC/TR 60479-3:1998). Tallinn : Eesti Standardikeskus, 2013. VI, 10 lk. (Tehniline aruanne ; ISO/TR 60479-3:1998).

Risthein, E. (tlk.). Voolu toime inimestele ja koduloomadele. Osa 2, Eriaspektid = Effects of current on human beings and livestock. Part 2, Special aspects (IEC/TS 60479-2:2007).

Tallinn : Eesti Standardikeskus, 2013. [VIII], 34 lk. (Tehniline spetsifikatsioon ; IEC/TS 60479-2:2007).

Risthein, E. (tlk.). Madalpingelised elektripaigaldised. Osa 7-705, Nõuded eripaigaldistele ja paikadele : pöllundus- ja aiandusehitised = Low-voltage electrical installations. Part 7-705, Requirements for special installations or locations : agricultural and horticultural premises (IEC 60364-7-705:2006, modified). Tallinn : Eesti Standardikeskus, 2013. III, 23 lk. koos kaanega. (Eesti standard ; EVS-HD 60364-7-705:2007+A11:2013).

Risthein, E. (tlk.). Madalpingelised elektripaigaldised. Osa 7-705, Nõuded eripaigaldistele ja paikadele : pöllundus- ja aiandusehitised = Low-voltage electrical installations. Part 7-705, Requirements for special installations or locations : agricultural and horticultural premises. Tallinn : Eesti Standardikeskus, 2013. II, 3, [2] lk. koos kaanega. (Eesti standard ; EVS-HD 60364-7-705:2007/A11:2013).

Risthein, E. (tlk.). Madalpingelised elektripaigaldised. Osa 5-559, Elektriseadmete valik ja paigaldamine : valgustid ja valgustuspaigaldised = Low-voltage electrical installations. Part 5-559, Selection and erection of electrical equipment : luminaires and lighting installations (IEC 60364-5-55:2011, modified). Tallinn : Eesti Standardikeskus, 2013. II, 25 lk. koos kaanega. (Eesti standard ; EVS-HD 60364-5-559:2012).

Rööp, A. (koost. ja toim.). Elektriajamite ja jõuelektronika instituudi aastaraamat 2011, [p.o. 2012] = Annual report 2012 : Department of Electrical Drives and Power Electronics. Tallinn : TTÜ elektrotehnika instituut, 2013. 95 lk.

Zakis, J. (ed.). 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.I.] : Elektriajam, 2013. 338 p. + 1 brošür (18 lk.).

Teemets, R., Vinnal, T. Elektrienergia säästlik kasutamine hoonetes : õppematerjal. Tallinn : TTÜ kirjastus, 2013. 187 lk.

Vodovozov, V., Rassõlkin, A. Advanced course of electrical drivers : laboratory works. Tallinn : Tallinn University of Technology, 2013. 31 lk.

Artiklid

Aleixo, L., Rosin, A., Saele, H., Morch, A.Z., Grande, O.S., Palu, I. ECOGRID EU Project – real time price based load control and economic benefits in a wind production based system // CIRED 2013 : 22nd International Conference and Exhibition on Electricity Distribution : special reports. Stockholm : IET Services Limited, 2013.

Annuk, A., Tammoja, H. et al. Increasing renewable fraction by smoothing consumer power charts in grid-connected wind-solar hybrid systems // Oil shale (2013) Vol. 30, 2S, p. 257-267.

Astapov, V., Shuvalova, J. About suitability of condensing power plants to power distribution system // 4th International Youth Conference on Energy : 6-8 June, 2013, Siófok, Hungary : [proceedings]. [S.I.] : IEEE, 2013. [5] p.

Astapov, V., Shuvalova, J. The comparative analysis of fuel costs for generation process (based on the example of IEEE 30-bus test system) // 14th International Scientific Conference on Electric Power Engineering 2013 : Kouty nad Desnou, Czech Republic, 28-30 May 2013 : proceedings. [S.I.] : IEEE, 2013. p. 187-189.

Auväärt, A., Rosin, A., Rosin, K., Drovtar, I., Lehtla, M. Comparison of renewable electricity generation options with household electrical load patterns // Proceedings : IECON 2013 – 39th Annual Conference of the IEEE Industrial Electronics Society : Austria Center Vienna, Vienna, Austria, 10-14 November, 2013. [S.I.] : IEEE, 2013. p. 1555-1560.

Bakman, I. Implementation and testing the sensorless pressure measurement of centrifugal pumps // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.I.] : Elektriajam, 2013. p. 132-138.

Bakman, I., Vodovozov, V. Sensorless pressure control of centrifugal pumps [Electronic resource] // CPE 2013 : 2013 International Conference on Compatibility and Power Electronics (CPE) : June 5-7, 2013, Ljubljana, Slovenia : conference proceedings. [S.I.] : IEEE, 2013. p. 304-309 [CD-ROM].

Beldjajev, V., Lehtla, T., Zakis, J. Impact of component losses on the efficiency of the LC-filter based dual active bridge for the isolation stage of power electronic transformer [Electronic resource] // CPE 2013 : 2013 International Conference on Compatibility and Power Electronics (CPE) : June 5-7, 2013, Ljubljana, Slovenia : conference proceedings. [S.I.] : IEEE, 2013. p. 132-137 [CD-ROM].

Beldjajev, V., Rang, T., Zakis, J. Steady state analysis of the commuting LC filter based dual active bridge for the isolation stage of power electronic transformer [Electronic resource] // CPE 2013 : 2013 International Conference on Compatibility and Power Electronics (CPE) : June 5-7, 2013, Ljubljana, Slovenia : conference proceedings. [S.I.] : IEEE, 2013. p. 138-143 [CD-ROM].

Beldjajev, V., Roasto, I., Zakis, J. Impact of component losses on the efficiency of a new quasi-Z-source based dual active bridge // Technological innovation for the Internet of things : 4th IFIP WG 5.5/SOCOLNET Doctoral Conference on Computing, Electrical and Industrial Systems : DoCEIS 2013 : Costa de Caparica, Portugal, April 15-17, 2013 : proceedings. Berlin : Springer, 2013. p. 485-492. (IFIP advances in information and communication technology ; 394).

Bisenieks, L., Vinnikov, D., Galkin, I. PMSG based residential wind turbines : possibilities and challenges // Agronomy research (2013) Vol. 11, 2, p. 295-306.

Блинов, А., Чуб, А., Винников, Д., Гусев, О. Об экспериментальных испытаниях двухтактного квази-импедансного преобразователя постоянного напряжения с полупроводниковыми элементами на основе карбида кремния [Компьют. файл] // Международная Научно-Техническая Конференция "Силовая Электроника и Энергоэффективность" : 23-27.IX 2013, Алушта, Крым. Харьков : Национальный технический университет, Харьковский политехнический институт, 2013. [2] с. [CD-ROM].

Блинов, А., Чуб, А., Винников, Д., Гусев, О. Об экспериментальных испытаниях двухтактного квази-импедансного преобразователя постоянного напряжения с полупроводниковыми элементами на основе карбида кремния // Энергосбережение, энергетика, энергоаудит = Energy saving, power engineering, energy audit (2013) №8, Т.1, с.51-58.

Blinov, A., Chub, A., Vinnikov, D., Rang, T. Feasibility study of Si and SiC MOSFETs in high-gain DC/DC converter for renewable energy applications // Proceedings : IECON 2013 – 39th

Annual Conference of the IEEE Industrial Electronics Society : Austria Center Vienna, Vienna, Austria, 10-14 November, 2013. [S.I.] : IEEE, 2013. p. 5975-5978.

Blinov, A., Vinnikov, D., Husev, O., Chub, A. Experimental analysis of wide input voltage range qZS-derived push-pull DC/DC converter for PMSG-based wind turbines // PCIM Europe 2013 : International Exhibition and Conference for Power Electronics, Intelligent Motion, Renewable Energy and Energy Management, Nuremberg, 14.-16. May 2013 : proceedings. Berlin : VDE VERLAG GMBH, 2013. p. 1435-1444.

Чуб, А. Модель двухтактного квази-импедансного преобразователя для малого сигнала [Компьют. файл] // Международная Научно-Техническая Конференция "Силовая Электроника и Энергоэффективность" : 23-27.IX 2013, Алушта, Крым. Харьков : Национальный технический университет, Харьковский политехнический институт, 2013. [3] с. [CD-ROM].

Чуб, А.И. Модель двухтактного квази-импедансного преобразователя для малого сигнала // Энергосбережение, энергетика, энергоаудит = Energy saving, power engineering, energy audit (2013) №8, Т.2, с. 12-19.

Chub, A., Husev, O., Ivanets, S. State-of-the-art review of Z-source and quasi-Z-source DC/DC converter topologies // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.I.] : Elektriajam, 2013. p. 68-75.

Chub, A., Husev, O., Vinnikov, D. Simulation study of nonlinear PI-controller with quasi-Z-source derived push-pull converter // Scientific journal of Riga Technical University. Electrical, control and communication engineering (2013) 4, p. 26-31.

Чуб, А., Гусев, О., Винников, Д. Классификация изолированных DC/DC квази-импедансных преобразователей // Вісник Національного Технічного Університета "ХПІ" (2013) 18, с. 15-21.

Drovtar, I. Electric vehicles and their impact on the Estonian power system load curve // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.I.] : Elektriajam, 2013. p. 139-141.

Drovtar, I., Rosin, A., Landsberg, M., Kilter, J. Large scale electric vehicle integration and its impact on the Estonian power system // IEEE PowerTech 2013, Grenoble, France, 16-20 June 2013 : proceedings. [S.I.] : IEEE, 2013. [6] p.

Drovtar, I., Uuemaa, P., Rosin, A., Kilter, J., Valtin, J. Using demand side management in energy-intensive industries for providing balancing power – the Estonian case study // 2013 IEEE Power and Energy Society General Meeting (PES), Vancouver, Canada, 21-25 July 2013 : proceedings. [S.I.] : IEEE, 2013. [5] p.

Dziechciaruk, G., Grzesiak, L., Vezzini, A., Höimoja, H. Analysis of a flywheel storage system for ultra-fast charging station of electric vehicles with regard to electric machine design and operational speed range // Przeglad Elektrotechniczny = Electrical Review (2013) V. 89, nr. 2a, [7] p.

Galkin, I., Teteryjonok, O., Milashevski, I. Comparative study of steady-state performance of voltage and current fed dimmable LED drivers [Electronic resource] // CPE 2013 : 2013 International Conference on Compatibility and Power Electronics (CPE) : June 5-7, 2013, Ljubljana, Slovenia : conference proceedings. [S.I.] : IEEE, 2013. p. 292-297 [CD-ROM].

Green, R., White, R.S., Greenfield, T., Tarasewicz, J., Soosalu, H., Key, J. Crustal deformation between volcanic segments of the Askja and Kverkfjöll central volcanoes, Northern Iceland // Volcanic & Magmatic Studies Group : annual meeting : School of Earth Sciences University of Bristol, 7th-9th January 2013. [Bristol], 2013. p. 80.

Grossfeldt, G., Valgma, I., Kolats, M. Mining education and qualification framework in Estonia // Proceedings of the 24th Annual General Meeting of Society of Mining Professors (SOMP 2013). [S.I.] : Heliotopos, 2013. p. 21-25.

Hamburg, A. Energia tootmine ja kasutamine põllumajanduses : [posterettekanne konverentsil] // Kuhu lähed Eesti põllumajandus 2014-2020? : konverents, Tallinn, 29. novembril 2013. a. [Tallinn] : Eesti Põllumeeste Kesklit, [2013]. 6 lk.

Hamburg, A. Haritus, inseneeria ja energеetika // Tallinna Tehnikaülikooli aastaraamat 2012. [Tallinn] : TTÜ kirjastus, 2013. lk. 18-21.

Hamburg, A. Unista suurelt ja valmistu muutma ehk viis väljakutset insenerile // Inseneeria (2013) 10, lk. 14.

Hamburg, A. 25 aastat Eesti Inseneride Liitu ja 95 aastat inseneriliikumist // Inseneeria (2013) 11, lk. 48-49.

Hamburg, A., Terk, E. Linn ja energеetika // Hea linn : Tallinna visioonikonverentsid. Tallinn : Tallinna visiooninõukoda, 2013. lk. 81-91.

Гусев, О.О. Визначення параметрів регулятора в системі керування DC/DC перетворювачем з квазі-імпедансною ланкою за умови стійкості для малого сигналу // Технічна електродинаміка (2013) 5, с. 18-23.

Husev, O., Blinov, A., Vinnikov, D., Chub, A. Steady-state analysis of qZS-derived push-pull DC/DC converter with wide input voltage regulation range [Electronic resource] // CPE 2013 : 2013 International Conference on Compatibility and Power Electronics (CPE) : June 5-7, 2013, Ljubljana, Slovenia : conference proceedings. [S.I.] : IEEE, 2013. p. 320-325 [CD-ROM].

Husev, O., Stepenko, S., Roncero-Clemente, C., Romero-Cadaval, E., Strzelecki, R. Experimental Investigation of high frequency 3L-NPC qZS inverter for photovoltaic application // Proceedings : IECON 2013 – 39th Annual Conference of the IEEE Industrial Electronics Society : Austria Center Vienna, Vienna, Austria, 10-14 November, 2013. [S.I.] : IEEE, 2013. p. 5969-5974.

Husev, O., Stepenko, S., Roncero-Clemente, C., Vinnikov, D., Romero-Cadaval, E. Output filter design for grid connected single phase three-level quasi-Z-source inverter [Electronic resource] // CPE 2013 : 2013 International Conference on Compatibility and Power Electronics (CPE) : June 5-7, 2013, Ljubljana, Slovenia : conference proceedings. [S.I.] : IEEE, 2013. p. 46-51 [CD-ROM].

Гусев, О., Винников, Д., Велигорский, О. Сравнительный анализ повышающих преобразователей для интеграции фотоэлектрических панелей в сеть [Компьют. файл] // Международная Научно-Техническая Конференция "Силовая Электроника и Энергоэффективность" : 23-27.IX 2013, Алушта, Крым. Харьков : Национальный технический университет, Харьковский политехнический институт, 2013. [2] с. [CD-ROM].

Гусев, О., Винников, Д., Велигорский, О. Сравнительный анализ повышающих преобразователей для интеграции фотоэлектрических панелей в сеть //

Энергосбережение, энергетика, энергоаудит = Energy saving, power engineering, energy audit (2013) №8, T.1, c. 28-34.

Iskül, R. Raho Iskül : mäeinseneride käes on meie riigi varakambri võtmed : [intervjuu] // Inseneeria (2013) 3, lk. 22-23.

Jalakas, T., Roasto, I., Vinnikov, V. Electric vehicle fast charger high voltage input multiport converter topology analysis [Electronic resource] // CPE 2013 : 2013 International Conference on Compatibility and Power Electronics (CPE) : June 5-7, 2013, Ljubljana, Slovenia : conference proceedings. [S.l.] : IEEE, 2013. p. 326-331 [CD-ROM].

Janson, K. Minu direktori-aastad // Tallinna Tehnikaülikooli aastaraamat 2012. [Tallinn] : TTÜ kirjastus, 2013. lk. 213-215.

Janson, K., Bolgov, V. Üleminet põlevkivielektrilt tuule- ja päikeseelektrile – kuidas ja millal? // Elektrala (2013) 1, lk. 21 ; 2, lk. 18-19.

Janson, K., Kallaste, A. Stiililise taastuvenergia kohandamine inimeste tehiskeskkonna vajadustele // Tallinna Tehnikaülikooli aastaraamat 2012. [Tallinn] : TTÜ kirjastus, 2013. lk. 29-39.

Janson, K., Kallaste, A., Bolgov, V. Energeetika – otsapidi üksnes taastuvenergia küljes // Horisont (2013) 2, lk. 30-36.

Järvik, J., Märss, M. Interaction in RLC-elements and phasor diagram for reactor and transformer // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.l.] : Elektrijam, 2013. p. 14-19.

Kallaste, A., Belahcen, A., Kilk, A. Demagnetization on permanent magnet machine with Halbach array // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.l.] : Elektrijam, 2013. p. 81-84.

Kallaste, A., Belahcen, A., Vaimann, T. Dynamic modeling of the demagnetization in Halbach array permanent magnet machines // COMPUMAG 2013 : [proceedings]. [S.l.] : IEEE, [2013]. p. 1-2.

Kallaste, A., Vaimann, T., Janson, K. Bolgov, V. Components selection of local power supply system for sparsley populated areas // 14th International Scientific Conference Electric Power Engineering 2013 : EPE 2013 : [proceedings]. [S.l.] : IEEE, [2013]. p. 181-186.

Karu, V. Üldkogul arutati inseneride ettevalmistust uues valguses : [Eesti Inseneride Liidu üldkogust] // Inseneeria (2013) 4, lk. 8.

Karu, V. Arkadi Zikin – uute pindade looja : [intervjuu doktorandiga] // Inseneeria (2013) 4, lk. 20-21.

Karu, V. BAUMA 2013 – inseneride inspiratsioonimess // Inseneeria (2013) 4, lk. 41.

Karu, V. Raul Maripuu : mehaanikainsener saab paremini hakkama ka igapäevastes tegemistes // Inseneeria (2013) 5, lk. 20.

Karu, V. Mondo Minerals – maailma suurim talgitootja // Inseneeria (2013) 5, lk. 24.

Karu, V. Pilootseade teeb põlevkivistäikidest uue toote // Inseneeria (2013) 5, lk. 36.

Karu, V. Kiire ja lihtne 3D-mõõdistamine Flexijeti abiga // Inseneeria (2013) 5, lk. 37.

Karu, V. Uued teadusprojektid said Eesti Teadusagentuuri rahastuse // Inseneeria (2013) 5, lk. 43.

Karu, V. Mäeinsenerid teavad : kõik saab alguse kaevandamisest // Inseneeria (2013) 1, lk. 46-48.

Karu, V. Eesti insener vastutab luksuslaevade ja tankerite turvalisuse eest : [Artur Saaliste] // Inseneeria (2013) 2, lk. 18-19.

Karu, V. Mis on põlevkivi ja kuidas seda kaevandatakse? // Inseneeria (2013) 2, lk. 32-33.

Karu, V. Raido Rokk : tootearendajale omaselt arenen ise ka edasi // Inseneeria (2013) 6, lk. 20-21.

Karu, V. Inimkonnale vajalik tehnoloogia Rainer Sternfeldilt // Inseneeria (2013) 3, lk. 20-21.

Karu, V. Haridus, teadus ja idanev äri kohtuvad Aalto Ülikoolis // Inseneeria (2013) 10, lk. 30.

Karu, V. TalveAkadeemia uuris toidu tulevikku ja säastvat arengut // Inseneeria (2013) 3, lk. 49.

Karu, V. Reigo Kebja : vaimne ja füüsiline pingutus käivad käsikäes // Inseneeria (2013) 7, lk. 8-9.

Karu, V., Gulevitš, J., Rahe, T., Roots, R., Iskül, R., Põlder, A. Mining waste management of Estonian mineral resources // Proceedings of the 6th International Conference on Sustainable Development in the Minerals Industry (SDIMI 2013). [S.I.] : Heliotopos, 2013. p. 414-419.

Karu, V., Lepa, E. Elektriinsener Erko Lepa on masinast ka suitsu välja meelitanud : [intervjuu] // Inseneeria (2013) 8, lk. 24.

Karu, V., Notton, A., Gulevitš, J., Valgma, I., Rahe, T. Improvement of technologies for mining waste management // Environment. Technology. Resources : proceedings of the 9th International Scientific and Practical Conference. Volume 1. Rēzekne : Rēzeknes Augstskola, 2013. p. 127-132.

Karu, V., Rahe, T., Närep, E., Väizene, V., da Costa, J. Pilot unit for mining waste reduction methods // International Scientific Conference "Environmental and Climate Technologies 2013" : conference proceedings. Riga : RTU Press, 2013. p. 39-44.

Karu, V., Rahe, T., Närep, E., Väizene, V., de Costa, J. Abstract of pilot unit for mining waste reduction methods // International Scientific Conference Environmental and Climate Technologies : Riga, 14-16.10.2013 : conference proceedings. Riga : Riga Technical University, 2013. p. 7.

Karu, V., Rahe, T., Saarnak, M., Lüütre, E., Nurme, M., Närep, E., Valgma, I. Selective crushing methods for oil shale mining with crushing buckets // International oil shale symposium : Tallinn, Estonia, June 10-13, 2013. [S.I.], 2013. p. 59-60.

Karu, V., Valgma, I., Kolats, M. Mine water as a potential source of energy from underground mined areas in Estonian oil shale deposit // Oil shale (2013) Vol. 30, 2S, p. 336-362.

Karu, V., Valgma, I., Rahe, T. Mining waste reduction methods // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.I.] : Elektrijam, 2013. p. 278-280.

- Kiitam, I. Tuumaenergiahuvilistel tuleb piiri taha sõita // Inseneeria (2013) 8, lk. 34-35.
- Kilk, A. Elektrimasinate kateedrist elektrotehnika instituudini // Tallinna Tehnikaülikooli aastaraamat 2012. [Tallinn] : TTÜ kirjastus, 2013. lk. 216-220.
- Kivipöld, T. Overview of intraday variable tariff system // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.I.] : Elektriajam, 2013. p. 236-237.
- Kivipöld, T., Valtin, J. Regression analysis of time series for forecasting the electricity consumption of small consumers in case of an hourly pricing system // Advances in Automatic Control, Modelling & Simulation : proceedings of the 15th International Conference on Automatic Control, Modelling & Simulation (ACMOS '13) : Brasov, Romania, June 1-3, 2013. [S.I.] : WSEAS Press, 2013. p. 127-132. (Recent advances in electrical engineering series ; 13).
- Kivipöld, T., Valtin, J. Replacement of the regulated price of oil shale-based electricity with open-market price and real-time tariff system opportunities // Oil shale (2013) Vol. 30, 2S, p. 195-210.
- Korõtko, T., Mägi, M., Peterson, K., Teemets, R., Pettai, E. Analysis and development of protection and control functions for Li-Ion based prosumers provided by low voltage part of distribution substation [Electronic resource] // CPE 2013 : 2013 International Conference on Compatibility and Power Electronics (CPE) : June 5-7, 2013, Ljubljana, Slovenia : conference proceedings. [S.I.] : IEEE, 2013. p. 19-24 [CD-ROM].
- Kudrjavtsev, O., Kilk, A. Cogging torque reduction methods // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. Pärnu : Elektriajam, 2013. p. 212-214.
- Kuldna, P., Kuhi-Thalfeldt, R., Peterson, K. Re-assessment of CO₂ and SO₂ emissions in energy sector by using LEAP-model : experiences from Estonian energy sector planning // LIAISE Policy Brief (2013) No. 3, [9] p.
- Kütt, L., Saarijärvi, E., Lehtonen, M., Mölder, H., Niitsoo, J. A review of the effects of electric vehicle charging on distribution network operation and power quality // Electrical and Control Technologies : proceedings of the 8th International Conference on Electrical and Control Technologies : ECT-2013. Kaunas : Kaunas University of Technology, 2013. p. 162-167.
- Kütt, L., Saarijärvi, E., Lehtonen, M., Mölder, H., Niitsoo, J. A review of the harmonic and unbalance effects in electrical distribution networks due to EV charging // 12th International Conference on Environment and Electrical Engineering (EEEIC) : 5-8 May 2013. [S.I.] : IEEE, 2013. [6] p.
- Kütt, L., Saarijärvi, E., Lehtonen, M., Mölder, H., Niitsoo, J. Current harmonics of EV chargers and effects of diversity to charging load current distortions in distribution networks // 2013 International Conference on Connected Vehicles and Expo (ICCVE) : proceedings : Las Vegas, Nevada, USA, 2-6 December 2013. [Las Vegas] : IEEE, 2013. p. 726-731.
- Kütt, L., Shafiq, M., Lehtonen, M., Mölder, H., Järvik, J. Sensor resonance and its influence on the measurement results of fast transients // Proceedings of the International Conference

on Power Systems Transients (IPST2013) in Vancouver, Canada July 18-20, 2013. Vancouver : University of British Columbia, 2013. [7] p.

Kütt, L., Shafiq, M., Lehtonen, M., Mölder, H., Järvik, J. Comparison of operating modes of air-core inductive sensors for partial discharge on-line diagnostics in medium voltage networks // Digest book and electronic proceedings : 54th International Scientific Conference of Riga Technical University : Section of Power and Electrical Engineering. Riga : RTU Press, 2013. p. 29.1-29.6.

Kütt, L. Shafiq, M., Lehtonen, M., Mölder, H., Järvik, J. Air-core sensors operation modes for partial discharge detection and on-line diagnostics in medium voltage networks // Scientific journal of Riga Technical University. Electrical, control and communication engineering (2013) 4, p. 5-12.

Laanetu, M., Höbejögi, T. Network quality indicators and overview of long-term load forecasting models // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.l.] : Elektrijam, 2013. p. 192-196.

Laugis, J. Kaheksakümmend neli aastat Eesti Vabariiki : Juhan Laugise aulakõne Eesti Vabariigi 84. aastapäeva aktusel 22. veebruaril 2002 TTÜ aulas // Juhan Laugis 07.03.1938 – 01.11.2010 : meenutused. Artiklid. Bibliograafia. Tallinn : Tallinna Tehnikaülikool, 2013. lk. 30-35.

Lehtla, T. Elekter meie ümber // Elektrala (2013) 1, lk. 5.

Lehtla, T. Tallinna Tehnikaülikoolis vastloodud elektrotehnika instituut soovib olla elektrala kompetentsikeskus : [intervjuu] // Elektrala (2013) 1, lk. 6-9.

Lehtla, T., Valtin, J. Energiistrateegia, energiajulgeolek ja töökindlad elektrivõrgud // Tallinna Tehnikaülikooli aastaraamat 2012. [Tallinn] : TTÜ kirjastus, 2013. lk. 22-25.

Leppiman, A., Körbe Kaare, K., Koppel, O. Future outlook and current situation for security of gas supply in Eastern Baltic region // World Academy of Science, Engineering and Technology. International journal of social, human science and engineering (2013) Vol. 7, 11, p. 1287-1294.

Leppiman, A., Körbe Kaare, K., Koppel, O. Security of gas supply in Eastern Baltic region : current situation and future outlook // Recent Advances in Energy Planning and Environment : proceedings of the 7th WSEAS International Conference on Energy Planning, Energy Saving, Environmental Education (EPESE '13), Paris, France, October 29-31, 2013. [S.l.] : WSEAS Press, 2013. p. 71-80. (Energy, environmental and structural engineering series ; 19).

Liivik, L., Vodovozov, V., Rassõlkin, A. A library of samples for testing variable load electric drives // Digest book and electronic proceedings : 54th International Scientific Conference of Riga Technical University : Section of Power and Electrical Engineering. Riga : RTU Press, 2013. p. 12.1-12.6.

Lindh, P., Pyrhönen, J., Ponomarev, P., Vinnikov, D. Influence of wedge material on losses of a traction motor with tooth-coil windings // Proceedings IECON 2013 – 39th Annual Conference of the IEEE Industrial Electronics Society : Austria Center Vienna, Vienna, Austria, 10-14 November, 2013. [Vienna] : IEEE, 2013. p. 2941-2946.

Lindh, P., Vaimann, T., Kallaste, A., Pyrhönen, J., Vinnikov, D., Naumanen, V. Influence of slot wedge material on permanent magnet losses in a traction motor with tooth coil windings // International journal of applied electromagnetics and mechanics (2013) 42(2), p. 227-236.

Mahlapuu, U., Teemets, R., Aro, R. EETELI ja EÜNi "Töövarjupäev 2013" tulemused // Elektrala (2013) 8, lk. 24-26.

Martinez, J., Belahcen, A., Arkkio, A. Broken bar indicators for cage induction motors and their relationship with the number of consecutive broken bars // Electric power applications, IET (2013) Vol. 7, 8, p. 633-642.

Martinez, J., Belahcen, A., Arkkio, A. Combined FE and two dimensional spectral analysis of broken cage faults in induction motors // Proceedings : IECON 2013 – 39th Annual Conference of the IEEE Industrial Electronics Society : Vienna, Austria, 10-14 November, 2013. [S.I.] : IEEE, 2013. p. 2674-2679.

Martins, J., Hooper, A.J., Draganov, D., Ruigrok, E., Hanssen, R.F., White, R.S., Soosalu, H. The magmatic system beneath Torfajökull volcano, Iceland : a combination of radar and seismic interferometric analysis // American Geophysical Union, Fall Meeting 09.-13.12.2013. [S.I.], 2013. V51E-2727.

Melentjev, S., Lebedev, D. Overview of simplified mathematical models of batteries // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.I.] : Elektrijam, 2013. p. 231-235.

Metusala, T. Eesti elektroenergeetika algaastad ja meie kõrgem tehnikaharidus // Elektrala (2013) 3, lk. 26-27 ; 4, lk. 26-28.

Metusala, T. Piksekitseklassid ja piksekitset reguleerivad määrused meil ja mujal // Elektrala (2013) 4, lk. 17-19 ; 6, lk. 26-27.

Mõlder, H., Järvik, J., Pilt, K., Märss, M., Reiska, R. Microwave treatment against the attack of wood boring in timber structures // Agronomy research (2013) Vol. 11, 2, p. 497–504.

Mägi, M. Utilization of electric vehicles connected to distribution substations for peak shaving of utility network loads // Scientific journal of Riga Technical University. Electrical, control and communication engineering (2013) 2, p. 47-54.

Mägi, M. Analysis of peak shaving of utility networks loads with electric vehicles connected to distribution substations // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.I.] : Elektrijam, 2013. p. 184-191.

Müür, M. Implementation of industrial robots in instruction at Tallinn University of Technology // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. Pärnu : Elektrijam, 2013. p. 197-200.

Niitsoo, J. Elektroenergiaarvestite analüüs moonutatud voolu korral // TalveAkadeemia 2013. Kogumik 11/2013. Tallinn : TalveAkadeemia, 2013. lk. 90-100.

Niitsoo, J., Kilter, J., Palu, I., Taklaja, P., Kütt, L. Harmonic levels of domestic and electrical vehicle loads in residential distribution networks // Proceedings of IEEE AFRICON 2013 Conference : 9-12 September 2013, Mauritius. [S.I.] : IEEE, 2013. p. 184-188.

Niitsoo, J., Kütt, L., Taklaja, P. Consequences of distributed generation on power quality // 14th International Scientific Conference on Electric Power Engineering 2013 : Kouty nad Desnou, Czech Republic, 28-30 May 2013 : proceedings. [S.I.] : IEEE, 2013. p. 163-167.

Niitsoo, J., Palu, I., Kilter, J., Taklaja, P., Vaimann, T. Residential load harmonics in distribution grid // The 3rd International Conference on Electric Power and Energy Conversion Systems (EPECS 2013) : [proceedings]. [S.I.] : IEEE, 2013. p. 1-6.

Niitsoo, J., Šuvalova, J., Haas, A., Palu, I., Taklaja, P. Facing distorted current and undesirable consumption in smart grids // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.I.] : Elektriajam, 2013. p. 142-146.

Notton, A., Sõstra, Ü. Quaternary and Paleozoic mineral resources of the Harjumaa County, Estonia // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.I.] : Elektriajam, 2013. p. 265-269.

Oliveira-Lima, J.A., Delgado-Gomes, V., Martins, J.F., Lima, C., Romero-Cadaval, E., Vinnikov, D. A standard-based software infrastructure to support weather forecasting in distributed energy systems [Electronic resource] // CPE 2013 : 2013 International Conference on Compatibility and Power Electronics (CPE) : June 5-7, 2013, Ljubljana, Slovenia : conference proceedings. [S.I.] : IEEE, 2013. p. 36-39 [CD-ROM].

Orru, M., Milvek, H., Anepaio, A., Vendla, S., Valgma, I. Possibilities for mitigating negative effects of noise and dust caused by extraction of sand, gravel and peat // Proceedings of the 6th International Conference on Sustainable Development in the Minerals Industry (SDIMI 2013). [S.I.] : Heliotopos, 2013. p. 577-580.

Orru, M., Milvek, H., Väizene, V. Chemical properties of peat with balneological potential in Estonia // The 5th International Conference on Medical Geology and 2nd Symposium on Advances in Geospatial Technologies for Health : 25-29 August 2013, Arlington, Virginia, USA. [Arlington], 2013. p. 41.

Orru, M., Väizene, V., Pastarus, J.-R., Sõstra, Ü., Valgma, I. Possibilities of oil shale mining under the Selisoo mire of the Estonia oil shale deposit // Environmental earth sciences (2013) Vol. 70, 7, p. 3311-3321.

Otsmaa, M. Mining under Kalina and Selisoo Bogs // Environment. Technology. Resources : proceedings of the 9th International Scientific and Practical Conference. Volume 1. Rezekne : Rēzeknes Augstskola, 2013.

Otsmaa, M. Groundwater transport of sulphates in the Estonian oil shale mining area // International Scientific Conference "Environmental and Climate Technologies 2013" : conference proceedings. Riga : RTU Press, 2013. p. 78-85.

Otsmaa, M. Stability of pillars in drowned mines // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.I.] : Elektriajam, 2013. p. 276-277.

Pastarus, J.-R., Sõstra, Ü., Valgma, I., Kolotogina, L., Anepaio, A., Vannus, A., Nurme, M. Surface mining technology in the zones of tectonic disturbances, Estonian oil shale deposit // Oil shale (2013) Vol. 30, 2S, p. 326-335.

Pastarus, J.-R., Sõstra, Ü., Valgma, I., Väizene, V., Väli, E., Tohver, T., Šommet, J. Prospects for application of waste rock aggregates as filling material in Estonian underground mines // International oil shale symposium : Tallinn, Estonia, June 10-13, 2013. [S.l.], 2013. p. 35-36.

Pastarus, J.-R., Shommet, J., Valgma, I., Väizene, V., Karu, V. Paste fills technology in condition of Estonian oil shale mine // Environment. Technology. Resources : proceedings of the 9th International Scientific and Practical Conference. Volume 1. Rezekne : Rēzeknes Augstskola, 2013. p. 182-185.

Peterson, K. Algorithm for management of energy in the microgrid DC bus // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.l.] : Elektriajam, 2013. p. 170-174.

Pirrus, E.-A. Mõjutusi lähikosmosest // Keskkonnatehnika (2013) 4, lk. 40-42.

Rahmoun, A., Biechl, H., Rosin, A. Evaluation of equivalent circuit diagrams and transfer functions for modeling of lithium-ion batteries // Scientific journal of Riga Technical University. Electrical, control and communication engineering (2013) 2, p. 34-39.

Rahmoun, A., Biechl, H., Rosin, A. Comparison between equivalent circuit diagrams and fractional rational functions in the frequency domain for Lithium-ion battery modeling // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.l.] : Elektriajam, 2013. p. 55-58.

Rasilo, P., Belahcen, A., Arkkio, A. Experimental determination and numerical evaluation of core losses in a 150-kVA wound-field synchronous machine // Electric power applications, IET (2013) Vol. 7, 2, p. 97-105.

Rasilo, P., Singh, D., Belahcen, A., Arkkio, A. Iron losses, magnetoelasticity and magnetostriction in ferromagnetic steel laminations // IEEE transactions on magnetics (2013) Vol. 49, 5, p. 2041-2044.

Rassõlkin, A. An overview of electrical vehicle and hybrid electrical vehicle drives // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.l.] : Elektriajam, 2013. p. 76-80.

Rassõlkin, A., Vodovozov, V. Experimental setup to explore the drives of battery electric vehicles // The 27th International Electric Vehicle Symposium & Exhibition : Barcelona, 17th to 20th of November 2013. [S.l.], 2013.

Rassõlkin, A., Vodovozov, V. To study propulsion drives : test bench with supercapacitor storage // Энергосбережение, энергетика, энергоаудит = Energy saving, power engineering, energy audit (2013) №8, T.2, p. 65-70.

Rassõlkin, A., Vodovozov, V. A test bench to study propulsion drives of electric vehicles [Electronic resource] // CPE 2013 : 2013 International Conference on Compatibility and Power Electronics (CPE) : June 5-7, 2013, Ljubljana, Slovenia : conference proceedings. [S.l.] : IEEE, 2013. p. 275-279 [CD-ROM].

Rassõlkin, A., Vodovozov, V. A test bench to study propulsion drives of electric vehicles with a supercapacitor storage system [Electronic resource] // Международная Научно-Техническая Конференция "Силовая Электроника и Энергоэффективность" : 23-27.IX

2013, Алушта, Крым. Харьков : Национальный технический университет, Харьковский политехнический институт, 2013. [3] p. [CD-ROM].

Rassõlkin, A., Vodovozov, V., Raud, Z. Study of e-vehicle drive behaviour under changeable control // Digest book and electronic proceedings : 54th International Scientific Conference of Riga Technical University : Section of Power and Electrical Engineering. Riga : RTU Press, 2013. p. 13.1-13.5.

Raud, Z., Lehtla, T. Concept maps as a tool for engineering education // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.I.] : Elektriajam, 2013. p. 31-36.

Raud, Z., Vodovozov, V. Teaching, learning, and assessment in electronics using concept mapping technology // Recent Advances in Electrical Engineering : proceedings of the 4th International Conference on Circuits, Systems, Control, Signals (CSCS '13), proceedings of the 1st International Conference on Electronics and Electrical Engineering (ELEL '13) : Valencia, Spain, August 6-8, 2013. [S.I.] : WSEAS Press, 2013. p. 102-107. (Recent Advances in Electrical Engineering ; 20).

Raud, Z., Vodovozov, V., Lehtla, T. Concept maps in Power Electronics education [Electronic resource] // CPE 2013 : 2013 International Conference on Compatibility and Power Electronics (CPE) : June 5-7, 2013, Ljubljana, Slovenia : conference proceedings. [S.I.] : IEEE, 2013. p. 280-285 [CD-ROM].

Ring, M., Noška, M., Soosalu, H., Valgma, I., Iskül, R. Mine blasts in the Aru-Lõuna limestone quarry – a multidisciplinary study using seismology and mining engineering // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.I.] : Elektriajam, 2013. p. 272-275.

Risthein, E. Peter-Klaus Budig 15.07.1928-25.11.2012 : in memoriam // Tallinna Tehnikaülikooli aastaraamat 2012. [Tallinn] : TTÜ kirjastus, 2013. lk. 325-326.

Risthein, E. Tallinna Tehnikaülikooli elektrotehnika instituudi kujunemislugu // Elektriala (2013) 1, lk. 28-29.

Risthein, E. (koost.). Tähtpäevi // Elektriala (2013) 1, lk. 34-35 ; 2, lk. 33-35 ; 3, lk. 33-35 ; 4, lk. 33-35 ; 5, lk. 34-35 ; 6, lk. 41-43 ; 7, lk. 33-35 ; 8, lk. 33-35.

Risthein, E. Väike tagasivaade : [ilmus Elektriala 100s number] // Elektriala (2013) 6, lk. 5.

Risthein, E. (koost.). Uudiseid Eestist. Uudiseid maailmast // Elektriala (2013) 1, lk. 32-34 ; 2, lk. 32 ; 3, lk. 32-33 ; 4, lk. 31-33 ; 5, lk. 32-34 ; 6, lk. 40 ; 7, lk. 32-33 ; 8, lk. 32.

Risthein, E. Uusi standardeid // Elektriala (2013) 5, lk. 18.

Roasto, I., Romero-Cadaval, E., Martins, J. Active power electronic transformer based on modular building blocks // Proceedings : IECON 2013 – 39th Annual Conference of the IEEE Industrial Electronics Society : Austria Center Vienna, Vienna, Austria, 10-14 November, 2013. [S.I.] : IEEE, 2013. p. 5922-5927.

Roasto, I., Romero-Cadaval, E., Martins, J., Jalakas, T. Active power electronic transformer as a power conditioner for nonlinear loads [Electronic resource] // CPE 2013 : 2013 International Conference on Compatibility and Power Electronics (CPE) : June 5-7, 2013, Ljubljana, Slovenia : conference proceedings. [S.I.] : IEEE, 2013. p. 63-68 [CD-ROM].

Roasto, I., Vinnikov, D., Zakis, J., Husev, O. New shoot-through control methods for qZSI-based DC/DC converters // IEEE transactions on industrial informatics (2013) 9(2), p. 640-647.

Roncero-Clemente, C., Husev, O., Minambres-Marcos, V., Stepenko, S., Romero-Cadaval, E., Vinnikov, D. Comparison of three MPPT algorithms for three-level neutral-point-clamped qZ-Source inverter [Electronic resource] // CPE 2013 : 2013 International Conference on Compatibility and Power Electronics (CPE) : June 5-7, 2013, Ljubljana, Slovenia : conference proceedings. [S.I.] : IEEE, 2013. p. 80-85 [CD-ROM].

Roncero-Clemente, C., Husev, O., Stepenko, S., Romero-Cadaval, E., Vinnikov, D. Output voltage control system for a three-level neutral-point clamped quasi-Z-source inverter // Przeglad elektrotechniczny (2013) R 89, nr. 5, p. 76-80.

Roncero-Clemente, C., Romero-Cadaval, E., Husev, O., Vinnikov, D., Stepenko, S. Grid-connected PV system based on a single-phase three-level qZS inverter // Proceedings : IECON 2013 – 39th Annual Conference of the IEEE Industrial Electronics Society : Austria Center Vienna, Vienna, Austria, 10-14 November, 2013. [S.I.] : IEEE, 2013. p. 5979-5984.

Roncero-Clemente, C., Romero-Cadaval, E., Husev, O., Vinnikov, D., Stepenko, S. Simulation of grid connected three-level neutral-point-clamped qZS inverter using PSCAD // Scientific journal of Riga Technical University. Electrical, control and communication engineering (2013) 2, p. 14-19.

Roncero-Clemente, C., Romero-Cadaval, E., Husev, O., Vinnikov, D., Stepenko, S. Current control strategy of a grid connected three-level neutral-point-clamped qZS inverter // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.I.] : Elektrijam, 2013. p. 97-101.

Roncero-Clemente, C., Stepenko, S., Husev, O., Miñambres-Marcos, V., Romero-Cadaval, E., Vinnikov, D. Three-level neutral-point-clamped quasi-Z-source inverter with maximum power point tracking for photovoltaic systems // Technological innovation for the Internet of things : 4th IFIP WG 5.5/SOCOLNET Doctoral Conference on Computing, Electrical and Industrial Systems : DoCEIS 2013 : Costa de Caparica, Portugal, April 15-17, 2013 : proceedings. [S.I.] : Springer, 2013. p. 334-342. (IFIP advances in information and communication technology ; 394).

Ronkainen, M., Pototski, A., Puhkim, H., Lahtinen, P., Niemelin, T. OSAMAT – utilisation of oil shale ashes in road construction // The XXVIII International Baltic Road Conference : Vilnius, Lithuania, 26-28 August 2013. [Vilnius], 2013. [10] p.

Rosa, C., Vinnikov, D., Romero-Cadaval, E., Pires, V., Martins, J. Low-power Wind Generation grid-connected system with MPPT and PC control // Proceedings : IECON 2013 – 39th Annual Conference of the IEEE Industrial Electronics Society : Austria Center Vienna, Vienna, Austria, 10-14 November, 2013. [Vienna] : IEEE, 2013. p. 5989-5994.

Rosa, C., Vinnikov, D., Romero-Cadaval, E., Pires, V., Martins, J. Low-power home PV systems with MPPT and PC control modes [Electronic resource] // CPE 2013 : 2013 International Conference on Compatibility and Power Electronics (CPE) : June 5-7, 2013, Ljubljana, Slovenia : conference proceedings. [S.I.] : IEEE, 2013. p. 58-62 [CD-ROM].

Rosin, A. 100% taastuvenergiat – kas rikkus või vaesus? // Tallinna Tehnikaülikooli aastaraamat 2012. [Tallinn] : TTÜ kirjastus, 2013. lk. 26-28.

Rosin, A. Päike, tuul, vesi ja biomass – elektri mikroootaja visalt ära tasuvad sõbrad // Inseneeria (2013) 6, lk. 12-14, 16.

Saikovski, V., Teemets, R. Makroökonomika meetodite kohandamine hoone elektrisüsteemi uuenduste prognoosimisel. Prognoosimisprotsessi kirjeldus. Konkreetse elektripaigaldise uuenduse analüs // TEUK XV : taastuvate energiaallikate uurimine ja kasutamine : viieteistkümnenda konverentsi kogumik : Tartu, Estonia, 2013. Tartu : Eesti Maaülikool, 2013. lk. 77-85.

Sarnet, T., Kilter, J. Analysis of the traction system impact on voltage unbalance distribution in public electric networks // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.I.] : Elektriajam, 2013. p. 238-241.

Sarnet, T., Kilter, J., Palu, I. Influence of electric railway system on voltage unbalance distribution between high voltage and low voltage electrical networks // Electrical and control technologies : proceedings of the 8th International Conference on Electrical and Control Technologies ECT-2013 : Kaunas, Lithuania, 2-3 May 2013. [Kaunas] : Technologija, 2013. p. 168-171.

Shafiq, M., Kütt, L., Lehtonen, M., Nieminen, T., Hashmi, M. Parameters identification and modeling of high-frequency current transducer for partial discharge measurements // IEEE sensors journal (2013) Vol. 13, 3, p. 1081-1091.

Shafiq, M., Lehtonen, M., Isa, M., Kütt, L. Online partial discharge diagnostics in medium voltage branched cable networks // Proceedings of 2013 Fourth International Conference on Power Engineering, Energy and Electrical Drives (POWERENG) : Istanbul, Turkey, 13-17 May 2013. [S.I.] : IEEE, 2013. p. 246-251.

Slenduhhov, V., Kilter, J. Modeling and analysis of the synchronous generators excitation systems // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.I.] : Elektriajam, 2013. p. 252-257.

Smolenski, R., Jarnut, M., Bojarski, J., Blinov, A., Vinnikov, D. CM voltage compensator for DC/DC converters [Electronic resource] // CPE 2013 : 2013 International Conference on Compatibility and Power Electronics (CPE) : June 5-7, 2013, Ljubljana, Slovenia : conference proceedings. [S.I.] : IEEE, 2013. p. 264-268 [CD-ROM].

Soosalu, H. Islands geologi // Island överrasker = Ísland kemur á óvart. [Helsinki] : Kulturkontakt Nord, 2013. p. 14-18.

Soosalu, H. Islannin geologia // Islanti on yllättävä = Ísland kemur á óvart. [Helsinki] : Pohjoismainen Kulttuuripiste, 2013. s. 14-18.

Soosalu, H. Kümme aastat maavärinate mõõtmist Vasulas // Tartu Valla Kuukiri (2013) Nov., lk. 13.

Soosalu, H., Ring, M., Noška, M., Iskül, R., Valgma, I. Blasting of overburden rock in Estonian oil shale open casts – a multidisciplinary study using seismology and mining engineering // International oil shale symposium : Tallinn, Estonia, June 10-13, 2013. [S.I.], 2013. p. 60.

Степенко, С. Экспериментальное исследование трёхуровневого инвертора напряжения с квази-импедансным звеном на входе [Компьют. файл] // Международная Научно-Техническая Конференция "Силовая Электроника и Энергоэффективность" : 23-27.IX

2013, Алушта, Крым. Харьков : Национальный технический университет, Харьковский политехнический институт, 2013. [3] с. [CD-ROM].

Степенко, С. Экспериментальное исследование трёхуровневого инвертора напряжения с квази-импедансным звеном на входе // Энергосбережение, энергетика, энергоаудит = Energy saving, power engineering, energy audit (2013) №8, Т.1, с. 74-83.

Sõstra, Ü. Eesti aluspõhja tektooniliste uuringute rakenduslik olemus // XXI Aprillikonverentsi "Rakendusgeoloogilistest uuringutest Eestis – olevik ja tulevik" teesid. Tallinn : Eesti Geoloogiakeskus, 2013. lk. 55-58.

Šommet, J. Indexation of carbonate stones sustainable assessment // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.I.] : Elektriajam, 2013. p. 270-271.

Šommet, J. Sustainable development in Estonian mining // Scientific journal of Riga Technical University. Environmental and climate technologies (2013) 11, p. 34-40.

Šommet, J. Sustainability assessment of Estonian oil shale mining // Oil shale (2013) Vol. 30, 2S, p. 363-370.

Zakis, J., Rankis, I., Liivik, L. Loss reduction method for the isolated qZS-based DC/DC converter // Scientific journal of Riga Technical University. Electrical, control and communication engineering (2013) 4, p. 13-18.

Zakis, J., Vinnikov, D., Kolosov, V., Vasechko, E. New active clamp circuit for current-fed galvanically isolated DC/DC converters [Electronic resource] // CPE 2013 : 2013 International Conference on Compatibility and Power Electronics (CPE) : June 5-7, 2013, Ljubljana, Slovenia : conference proceedings. [S.I.] : IEEE, 2013. p. 353-358 [CD-ROM].

Taklaja, P., Hyvönen, P., Niitsoo, J., Palu, I., Klüss, J. Impulse characteristics of 24 kV overhead line pin insulators // 12th International Conference on Environment and Electrical Engineering (EEEIC) : Wrocław, Poland, 5-8 May 2013. [S.I.] : IEEE, 2013. p. 641-645.

Taklaja, P., Hyvönen, P., Niitsoo, J., Palu, I., Klüss, J., Kütt, L. Volt-time characteristics of medium voltage overhead line porcelain pin insulators // 14th International Scientific Conference on Electric Power Engineering 2013 : Kouty nad Desnou, Czech Republic, 28-30 May 2013 : proceedings. [S.I.] : IEEE, 2013. p. 423-427.

Taklaja, P., Oidram, R., Niitsoo, J., Palu, I. Main bird excrement contamination type causing insulator flashovers in 110 kV overhead power lines in Estonia // Oil shale (2013) Vol. 30, 2S, p. 211-224.

Taklaja, P., Oidram, R., Niitsoo, J., Palu, I. Causes of indefinite faults in Estonian 110 kV overhead power grid // Oil shale (2013) Vol. 30, 2S, p. 225-243.

Tamm, T. Eriosade koostööst projekteerimisel // Elektriala (2013) 8, lk. 11-12.

Tamm, T. Leedvälisvalgustite valikust // Elektriala (2013) 5, lk. 16-17 ; 6, lk. 18-19.

Tammoja, H. Optimization of power system operation : editor's page // Oil shale (2013) Vol. 30, 2S, p. 193-194.

Teemets, R., Varjas, T. Valgusallikeate uued uurimisvõimalused Tallinna Tehnikaülikoolis // Elektriala (2013) 3, lk. 24-25.

Tetervenoks, O., Milashevski, I. Dimmable LED drivers operating in discontinuous conduction mode // Scientific journal of Riga Technical University. Electrical, control and communication engineering (2013) 2, p. 27-33.

Tuttelberg, K., Vaimann, T., Kallaste, A. Analysis of a slow-speed slotless permanent magnet synchronous generator // 4th International Youth Conference on Energy 2013 : [proceedings]. [S.I.] : IEEE, 2013. p. 1-5.

Uuemaa, P., Kilter, J., Valtin, J., Drovtar, I., Rosin, A., Puusepp, A. Cost-effective optimization of load shifting in the industry by using intermediate storages // Conference proceedings of IEEE ISGT Europe 2013 : 4th IEEE/PES Innovative Smart Grid Technologies Europe. [S.I.] : IEEE, 2013. [5] p.

Vaimann, T., Belahcen, A., Martinez, J., Kilk, A. Stator voltage analysis of frequency converter fed induction generator with broken rotor bars // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.I.] : Elektriajam, 2013. p. 249-251.

Vaimann, T., Janson, K., Bolgov, V., Kallaste, A. Analysis of off-grid power supply for sparsley populated areas // 14th International Scientific Conference Electric Power Engineering 2013 : EPE 2013 : [proceedings]. [S.I.] : IEEE, [2013]. p. 175-179.

Vaimann, T., Kallaste, A., Kilk, A., Belahcen, A. Magnetic properties of reduced Dy NdFeB permanent magnets and their usage in electrical machines // IEEE AFRICON 2013 : [proceedings]. [S.I.] : IEEE, [2013]. p. 1124-1128.

Vaimann, T., Kallaste, A., Kilk, A., Belahcen, A. Lifecycle-based design and optimization of electrical motor-drives – challenges and possibilities // The 3rd International Conference on Electric Power and Energy Conversion Systems (EPECS 2013) : [proceedings]. [S.I.] : IEEE, 2013. p. 1-4.

Valgma, I. Mineraaltooret jätkub veel // Inseneeria (2013) 6, lk. 28-29.

Valgma, I. Eesti mäendus // Mäendusõpik : veebiõpik kaevandamisest, rakendusgeoloogiast ja geotehnoloogiast. Tallinn : Tallinna Tehnikaülikool. Mäeinstituut, 2013. lk. 600-608.

Valgma, I. Täitmine // Mäendusõpik : veebiõpik kaevandamisest, rakendusgeoloogiast ja geotehnoloogiast. Tallinn : Tallinna Tehnikaülikooli mäeinstituut, 2013. lk. 256-257.

Valgma, I. Mining and rock engineering in Estonia // Proceeding of Finnish National Group of International Society of Rock Mechanics. Helsinki, 2013. p. 191-220.

Valgma, I., Karu, V. Waste from oil shale mining // Mining Waste Management in the Baltic Sea Region : min-novation project. Krakow : Wydawnictwa AGH, 2013. p. 122-129.

Valgma, I., Karu, V. Mining and processing waste management in Estonia // Mining Waste Management in the Baltic Sea Region : min-novation project. Krakow : Wydawnictwa AGH, 2013. p. 35-43.

Valgma, I., Karu, V. Baltic Mining Waste Management Business Database // Mining Waste Management in the Baltic Sea Region : min-novation project. Krakow : Wydawnictwa AGH, 2013. p. 17-20.

Valgma, I., Kolats, M., Anepaio, A., Väizene, V., Saarnak, M., Pastarus, J-R. Backfilling technologies for Estonian oil shale mines // Proceedings of the 6th International Conference on Sustainable Development in the Minerals Industry (SDIMI 2013). [S.I.] : Heliotopos, 2013. p. 374-378.

Valgma, I., Väizene, V., Kolats, M., Karu, V., Pastarus, J.-R., Rahe, T., Iskül, R. Reduction of oil shale losses // Environment. Technology. Resources : proceedings of the 9th International Scientific and Practical Conference. Volume 1. Rezekne : Rēzeknes Augstskola, 2013. p. 201-205.

Valgma, I., Väizene, V., Kolats, M., Saarnak, M. Technologies for decreasing mining losses // Scientific journal of Riga Technical University. Environmental and climate technologies (2013) 11, p. 41-47.

Valgma, I., Väizene, V., Orru, M., Vendla, S., Ljaš, J., Pensa, M., Anepaio, A., Milvek, H. Environmental impact of oil shale mining in Estonia // International oil shale symposium : Tallinn, Estonia, June 10-13, 2013. [S.I.], 2013. p. 61.

Vinnal, T., Janson, K., Kalda, H., Sakkos, T. Power quality problems in low voltage networks of Estonia // CIRED 2013 : 22nd international conference & exhibition on electricity distribution : 10-13 June 2013 Kistamässan, Kista, Stockholm, Sweden : electricity distribution systems for a sustainable future : special reports. [S.I.] : The Institution of Engineering and Technology, CIRED, 2013. p. 1-4.

Vinnikov, D., Zakis, J., Liivik, L., Rankis, I. qZS-based soft-switching DC/DC converter with a series resonant LC circuit // Энергосбережение, энергетика, энергоаудит = Energy saving, power engineering, energy audit (2013) №8, T.2, p. 42-50.

Vodovozov, V. Scientific platforms to explore and test the drives of electric cars // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.I.] : Elektrijam, 2013. p. 42-47.

Vodovozov, V., Bakman, I. Control of liquid density to prevent abnormal pumping performance // Recent Advances in Environmental Science : ...7th WSEAS International Conference on Waste Management, Water Pollution, Air Pollution, Indoor Climate (WWAI '13), ... : Lemesos, Cyprus, March 21-23, 2013. [S.I.] : WSEAS, 2013. p. 217-222. (Energy, environmental and structural engineering series ; 7).

Vodovozov, V., Bakman, I. Performance improvement of pumps fed by the variable speed drives // Scientific journal of Riga Technical University. Electrical, control and communication engineering (2013) 4, p. 45-51.

Vodovozov, V., Raud, Z. Improved switching patterns of inverters for electric drive applications // International journal of automation and control engineering (IJACE) (2013) Vol. 2, 2, p. 70-78.

Vodovozov, V., Raud, Z., Lehtla, T. Design of an experimental setup to study the drives of battery electric vehicles // World Academy of Science, Engineering and Technology (2013) Vol. 76, p. 816-823.

Väizene, V., Anepaio, A. Kiirkatsed punktkoormustestiga aitavad hinnata Jordaania põlevkivi // Inseneeria (2013) 6, lk. 36.

Väizene, V., Valgma, I., Iskül, R., Kolats, M., Nurme, M., Karu, V. High selective oil shale mining // Oil shale (2013) Vol. 30, 2S, p. 305-325.

Väizene, V., Valgma, I., Reinsalu, E., Roots, R. Analysis of Estonian oil shale resources // International oil shale symposium : Tallinn, Estonia, June 10-13, 2013. [S.I.], 2013. p. 61-62.

INFOTEHNOLOGIA TEADUSKOND**Raamatud**

- Aleksejev, I. FPGA-based embedded virtual instrumentation = FPGA-sisesed virtuaalsed testja mõõtevahendid. Tallinn : TUT Press, 2013. 155 p. (Theses of Tallinn University of Technology. C, Thesis on informatics and system engineering ; 82).
- Astrov, I. Enhanced situational awareness for autonomous underwater vehicles. Plantation : Llumina Press, 2013. 124 p.
- Evartson, T. Arvutitehnika riistvara : õpik kõrgkoolidele. Tallinn : TTÜ kirjastus, 2013. 359 lk.
- Ježov, J. Pressure sensitive lateral line for underwater robot = Rõhutundliku küljejoone kasutamine allveerobootil. Tallinn : TUT Press, 2013. 119 p. (Theses of Tallinn University of Technology. C, Thesis on informatics and system engineering ; 89).
- Karputkin, A. Verification and error correction on High-Level Decision Diagrams. Saarbrücken : Lambert Academic Publishing, 2013. 124 p.
- Luczkowski, T. Programmeerimiskeelde C ja C++. Tallinn : TTÜ kirjastus, 2013. 119 lk.
- Luczkowski, T. (koost.). Lennundusaasta 2012. Tallinn : Aeropress, 2013. 31 lk.
- Mihailov, J. Current sensing methods for portable power circuits : working out an accurate flexible integrated solution. [S.I.] : Lambert Academic Publishing, 2013. 72 p.
- Mõtus, L., Varlamova, G. (koost.). Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2012. 18 (45). Tallinn : Eesti Teaduste Akadeemia, 2013. 255, [1] lk. (Eesti Teaduste Akadeemia aastaraamat ; XVIII (45)).
- Mõtus, L., Varlamova, G. (comps.). Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2012. 18 (45). Tallinn : Eesti Teaduste Akadeemia, 2013. 197, [1] p. (Estonian Academy of Sciences year book ; XVIII (45)).
- Müürsepp, I. Robust detectors for cognitive radio = Robustsed detektorid kognitiivsele raadiole. Tallinn : TUT Press, 2013. 209 p. (Theses of Tallinn University of Technology. C, Thesis on informatics and system engineering ; 88).
- Pappel, I. Development and implementation of e-governance framework and paperless management in local governments = E-valitsemisele ja digitaalsele asjaajamisele ülemineku raamistiku väljatöötamine ja rakendamine kohalikes omavalitsustes. Tallinn : TUT Press, 2013. 155 p. (Theses of Tallinn University of Technology. C, Thesis on informatics and system engineering ; 91).
- Reinsalu, U. Fault simulation and code coverage analysis of RTL designs using high-level decision diagrams = Rikete simuleerimine ja koodikatte analüs register-siirde tasemel kasutades körgtaseme otsustusdiagramme. Tallinn : TUT Press, 2013. 145 p. (Theses of Tallinn University of Technology. C, Thesis on informatics and system engineering ; 86).
- Saar, T. The piezo-electric impedance spectroscopy : solutions and applications = Piesoolektriline impedants-spektroskoopia : lahendused ja rakendused. Tallinn : TUT Press, 2013. 132 p. (Theses of Tallinn University of Technology. C, Thesis on informatics and system engineering ; 84).
- Tšepurov, A. Hardware modeling for design verification and debug = Riistvara modelleerimine disaini verifitseerimise ja silumise jaoks. Tallinn : TUT Press, 2013. 167 p.

(Theses of Tallinn University of Technology. C, Thesis on informatics and system engineering ; 87).

Täks, E. An automated legal content capture and visualisation method = Automaatne meetod õigusteabe hankimiseks ja visualiseerimiseks. Tallinn : TUT Press, 2013. 207 p. (Theses of Tallinn University of Technology. C, Thesis on informatics and system engineering ; 85).

Vilipöld, J., Antoi, K., Amitan, I. Rakenduste loomise ja programmeerimise alused : valikkursus gümnaasiumitele : õpik [E-raamat]. Tallinn : TTÜ informaatikainstituut, 2013. 232 lk.

Uustalu, T., Vain, J. (eds.). 25th Nordic Workshop on Programming Theory NWPT 2013 : Tallinn, Estonia, 20-22 November 2013 : abstracts [Electronic resource]. Tallinn : [Tallinna Tehnikaülikooli] Küberneetika Instituut, 2013. vi, 75 p. [USB].

Artiklid

Abels, A., Kruusmaa, M. Construction of a female shape-changing robotic mannequin // International journal of automation and control engineering (2013) Vol. 1, 2, p. 132-134.

Abels, A., Kruusmaa, M. Shape control of an anthropomorphic tailoring robot mannequin // International journal of humanoid robotics (2013) Vol. 10, 2, [16] p.

Akanyeti, O., Ježov, J., Kruusmaa, M. et al. Self-motion effects on hydrodynamic pressure sensing : Part I. Forward-backward motion // Bioinspiration & biomimetics (2013) Vol. 8, 2, p. 1-10.

Ali, B., Iqbal, K.F., Ayaz, Y., Muhammad, N. Human detection and following by a mobile robot using 3D features // Proceedings of 2013 IEEE International Conference on Mechatronics and Automation (ICMA) : August 4-7, Takamatsu, Japan. [S.I.] : IEEE, 2013. p. 1714-1719.

Ali, B., Qureshi, A.H., Muhammad, N. et al. Human tracking by a mobile robot using 3D features // Proceeding of the IEEE International Conference on Robotics and Biomimetics (ROBIO) : Shenzhen, China, December 2013. [S.I.] : IEEE, 2013. p. 2464-2469.

Annus, P., Land, R., Reidla, M., Ojarand, J., Mughal, Y., Min, M. Simplified signal processing for impedance spectroscopy with spectrally sparse sequences // XVth International Conference on Electrical Bio-Impedance (ICEBI) and XIVth Conference on Electrical Impedance Tomography (EIT) : 22-25 April 2013, Heilbad Heiligenstadt : abstracts. [S.I., 2013]. p. 76.

Annus, P., Samieipour, A., Rist, M., Ruiso, I., Krivošei, A., Land, R., Parve, T., Min, M. Wearable data acquisition system of multimodal physiological signals for personal health care // pHealth 2013 : proceedings of the 10th International Conference on Wearable Micro and Nano Technologies for Personalized Health : June 26-28, 2013, Tallinn, Estonia. Amsterdam : IOS Press, c2013. p. 107-112. (Studies in health technology and informatics ; 189).

Argente, E., Boissier, O., Esparcia, S., Görmer, J., Kirikal, K., Taveter, K. Describing agent organisations // Agreement technologies. Dordrecht : Springer, 2013. p. 253-275. (Law, governance and technology series ; 8).

Argente, E., Boissier, O., Taveter, K. The role of the environment in agreement technologies // Artificial intelligence review (2013) Vol. 39, 1, p. 21-38.

Argente, E., Kirikal, K., Taveter, K. et al. Adaptive agent organisations // Agreement technologies. Dordrecht : Springer, 2013. p. 321-353. (Law, governance and technology series ; 8).

Astapov, S., Berdnikova, J., Preden, J.-S. Optimized acoustic localization with SRP-PHAT for monitoring in distributed sensor networks // International journal of electronics and telecommunications (2013) Vol. 59, 4, p. 383-390.

Astapov, S., Berdnikova, J., Preden, J.-S. Advances in moving speaker acoustic localization for operation in distributed systems // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK seitsmenda aastakonverentsi artiklite kogumik : 15.-16. novembril 2013, Haapsalu. Tallinn : Tallinna Tehnikaülikooli kirjastus, 2013. p. 9-12.

Astapov, S., Berdnikova, J., Preden, J.-S. A method of initial search region reduction for acoustic localization in distributed systems // Proceedings of the 20th International Conference Mixed Design of Integrated Circuits and Systems : MIXDES 2013, Gdynia, Poland, June 20-22, 2013. Lodz : Department of Microelectronics and Computer Science, Lodz University of Technology, 2013. p. 451-456.

Astapov, S., Preden, J.-S., Berdnikova, J. Simplified acoustic localization by linear arrays for wireless sensor networks // 2013 18th International Conference on Digital Signal Processing (DSP) : 1-3 July 2013, Nomikos Conference Centre, Santorini, Greece. Piscataway : IEEE, 2013. [6] p.

Astapov, S., Riid, A. A multistage procedure of mobile vehicle acoustic identification for single-sensor embedded device // International journal of electronics and telecommunications (2013) Vol. 59, 2, p. 151-160.

Astrov, I., Pikkov, M., Paluoja, R. Flight control of vectored thrust aerial vehicle by neural network predictive controller for enhanced situational awareness // World Academy of Science, Engineering and Technology (2013) Vol. 7, 5, p. 77-81.

Astrov, I., Pikkov, M., Paluoja, R. LQG flight control of VTAV for enhanced situational awareness // World Academy of Science, Engineering and Technology. International journal of mechanical, industrial science and engineering (2013) Vol. 7, 10, p. 981-986.

Astrov, I., Pikkov, M., Paluoja, R. Motion control of an autonomous surface vessel for enhanced situational awareness // World Academy of Science, Engineering and Technology. International journal of mechanical, industrial science and engineering (2013) Vol. 7, 11, p. 1203-1208.

Astrov, I., Pikkov, M., Paluoja, R. Situational awareness based neural flight control of a coaxial rotor/ducted-fan helicopter // Recent advances in systems science : proceedings of the 17th International Conference on Systems (part of CSCC '13) : Rhodes Island, Greece, July 16-19, 2013. [S.I.] : WSEAS Press, 2013. p. 54-59. (Recent advances in electrical engineering series ; 18).

Astrov, I., Pikkov, M., Paluoja, R. Motion control of vectored thrust aerial vehicle for enhanced situational awareness // Mathematical applications in science and mechanics : [proceedings of the conferences : Dubrovnik, Croatia, June 25-27, 2013]. [S.I.] : WSEAS Press, 2013. p. 59-64. (Mathematics and computers in science and engineering series ; 14).

Belikov, J., Nõmm, S., Petlenkov, E., Vassiljeva, K. Application of neural networks based SANARX model for identification and control liquid level tank system // 2013 12th International Conference on Machine Learning and Applications : ICMLA 2013 : 4-7

December 2013, Miami, Florida, USA : proceedings. Vol. 1. Piscataway : IEEE, 2013. p. 246-251.

Belikov, J., Petlenkov, E., Vassiljeva, K., Nõmm, S. Computational intelligence methods based design of closed-loop system // Neural information processing : 20th International Conference, ICONIP 2013, Daegu, Korea, November 3-7, 2013 : proceedings. Part I. Berlin, Heidelberg : Springer-Verlag, 2013. p. 215-224. (Lecture notes in computer science ; 8226).

Buldas, A., Laanoja, R. Security proofs for hash tree time-stamping using hash functions with small output size // Information security and privacy : 18th Australasian Conference, ACISP 2013, Brisbane, Australia, July 1-3, 2013 : proceedings. Heidelberg : Springer, 2013. p. 235-250. (Lecture notes in computer science ; 7959).

Buldas, A., Lenin, A. New efficient utility upper bounds for the fully adaptive model of attack trees // Decision and game theory for security : 4th International Conference, GameSec 2013, Fort Worth, TX, USA, November 11-12, 2013 : proceedings. Cham : Springer, 2013. p. 192-205. (Lecture notes in computer science ; 8252).

Buldas, A., Niitsoo, M. Black-box separations and their adaptability to the non-uniform model // Information security and privacy : 18th Australasian Conference, ACISP 2013, Brisbane, Australia, July 1-3, 2013 : proceedings. Heidelberg : Springer, 2013. p. 152-167. (Lecture notes in computer science ; 7959).

Buschmann, F., Erm, A., Listak, M., Rebane, J., Toming, G. Autonomous underwater device for 2D particle image velocimetry field analysis // BSSC 9th Baltic Sea Science Congress 2013 : New Horizons for Baltic Sea Science, Klaipeda, Lithuania, 26-30 August 2013 : [abstracts]. Klaipeda : Coastal Research and Planning Institute of Klaipeda University, 2013. p. 147.

Cardash, S., Cilluffo, F., Ottis, R. Estonia's cyber defence league : a model for the United States? // Studies in conflict & terrorism (2013) Vol. 36, 9, p. 777-787.

Dearden, R., Ernits, J.-P. Automated fault diagnosis for an autonomous underwater vehicle // IEEE journal of oceanic engineering (2013) Vol. 38, 3, p. 484-499.

Denissenko, P., Didenkulova, I., Listak, M., Pelinovsky, E. Experimental measurements of statistics of long wave runup on a plane beach // International Coastal Symposium 2013 : book of abstracts : Plymouth University, 8–12 April 2013. [S.I.] : CERF, 2013. p. 368.

Didenkulova, I., Denissenko, P., Listak, M., Rodin, A., Pelinovsky, E. Effects of wave asymmetry on its runup on a beach // International Coastal Symposium 2013 : book of abstracts : Plymouth University, 8–12 April 2013. [S.I.] : CERF, 2013. p. 370.

Didenkulova, I., Denissenko, P., Rodin, A., Listak, M., Pelinovsky, E. Effects of wave asymmetry on its runup on a beach : theory and experiment // International Conference Caribbean Waves 2 : Gosier, Guadeloupe, F.W.I., 22-25 January 2013 : conference program [and abstract book]. [S.I.], 2013. p. 103.

Eessaar, E. On using a semiotic quality framework to evaluate the quality of conceptual database schemas // Emerging trends in computing, informatics, systems sciences, and engineering. New York : Springer, 2013. p. 103-115. (Lecture notes in electrical engineering ; 151).

Eessaar, E., Saal, E. Evaluation of different designs to represent missing information in SQL databases // Innovations and advances in computer, information, systems sciences, and engineering. New York : Springer, 2013. p. 173-187. (Lecture notes in electrical engineering ; 152).

Eessaar, E., Sgirka, R. An ontological analysis of metamodeling languages // Information systems development : reflections, challenges and new directions. New York : Springer, 2013. p. 381-392.

Ehala, J., Astapov, S. Monitoring patient movement velocity using passive infrared sensor information // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK seitsmenda aastakonverentsi artiklite kogumik : 15.-16. novembril 2013, Haapsalu. Tallinn : Tallinna Tehnikaülikooli kirjastus, 2013. p. 21-24.

Eik, M., Löhmus, K., Tigasson, M., Listak, M., Puttonen, J., Herrmann, H. DC-conductivity testing combined with photometry for measuring fibre orientations in SFRC // Journal of materials science (2013) 48(10), p. 3745-3759.

Elbrecht, P. Use of 3D body scanner data in digital tailoring // Proceedings of the 4th International Conference on 3D Body Scanning Technologies : Long Beach CA, USA, 19-20 November 2013. Ascona : Hometrica Consulting – Dr. Nicola D'Apuzzo, 2013. p. 76-83.

Elbrecht, P., Henno, J., Palm, K.-J. The data integration tool for digitized tailoring // INES 2013 : IEEE 17th International Conference on Intelligent Engineering Systems : proceedings : June 19-21, 2013, Costa Rica. [S.I.] : IEEE, 2013. p. 193-196.

Elbrecht, P., Henno, J., Palm, K.-J. Waist circumference measurement extraction from 3D scanner data // Industrial materials - applications, products, and technologies : selected, peer reviewed papers from the 2013 World Congress on Industrial Materials – Applications, Products and Technologies (WCIM 2013), April 1-2, 2013, Beijing, China. [S.I.] : Trans Tech Publications LTD, 2013. p. 725-731. (Advanced materials research ; 739).

Elbrecht, P., Henno, J., Palm, K.-J. Body measurements extraction from 3D scanner data // Mechatronics and control engineering : selected, peer reviewed papers from the 2013 Asian Pacific Conference on Mechatronics and Control Engineering (APCMCE 2013), March 26-27, 2013, Hong Kong. [S.I.] : Trans Tech Publications LTD, 2013. p. 372-377. (Applied mechanics and materials ; 339).

Ellervee, P., Nurmi, J. Guest editorial // Microprocessors and Microsystems (2013) Vol. 37, 4-5, p. 430-431.

Erm, A., Buschmann, F., Listak, M., Rebane, J., Toming, G. Underwater experiments and a theoretical model – case study in Tallinn Bay // Journal of coastal research (2013) Special issue 65, 2, p. 1521-1526.

Erm, A., Listak, M., Rebane, J., Toming, G., Buschmann, F. Autonomous PIV-measurements in the Tallinn Bay // International Coastal Symposium 2013 : book of abstracts : Plymouth University, 8-12 April 2013. [S.I.] : CERF, 2013. p. 376.

Eshuis, R., Norta, A., Kopp, O., Pitkänen, E. Service outsourcing with process views // IEEE transactions on services computing (2013) PrePrint, [1] p.

Fridolin, I., Karai, D., Kostin, S., Ubar, R. Accurate dialysis dose evaluation and extrapolation algorithms during online optical dialysis monitoring // IEEE transactions on biomedical engineering (2013) Vol. 60, 5, p. 1371-1377.

Giannoukos, G., Min, M. Mathematical and physical modelling of the dynamic fluidic impedance of arteries using electrical impedance equivalents // Mathematical methods in the applied sciences (2013) p. 1-7.

- Gordon, R., Annus, P. Modeling the dynamics of lung tissue with pulsating blood-flow in pulmonary arteries for bioimpedance simulation // International Workshop on Impedance Spectroscopy : IWIS 2013 : abstract book : September 25-27, 2013, Chemnitz University of Technology, Germany. Chemnitz : Chemnitz University of Technology, 2013. p. 94-65.
- Gorev, M., Ubar, R., Ellervee, P. Self-testing of pipe-lined signal processing architectures at-speed // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK seitsmenda aastakonverentsi artiklite kogumik : 15.-16. novembril 2013, Haapsalu. Tallinn : Tallinna Tehnikaülikooli kirjastus, 2013. p. 25-28.
- Gorev M., Ubar, R., Ellervee, P., Devadze, S., Raik, J., Min, M. At-speed self-testing of high-performance pipe-lined processing architectures [Electronic resource] // 31st Norchip Conference : Vilnius, Lithuania, 11-12 November 2013 : conference program and papers. Piscataway : IEEE, c2013. p. 1-6 [USB].
- Gunneriusson, H., Ottis, R. Cyberspace from the hybrid threat perspective // Proceedings of the 12th European Conference on Information Warfare and Security : University of Jyväskylä, Finland, 11-12 July 2013. Reading : Academic Conferences and Publishing International Limited, 2013. p. 98-105.
- Henno, J. Structure of generating sets for reversible computations // Kangro – 100 : methods of analysis and algebra : international conference dedicated to the centennial of professor Gunnar Kangro : Tartu, Estonia, September 1-6, 2013 : book of abstracts. Tartu : Estonian Mathematical Society, 2013. p. 67-69.
- Henno, J. Palm, Günther. Novelty, information and surprise. (English). Berlin: Springer (ISBN 978-3-642-29074-9/hbk; 978-3-642-29075-6/ebook). xxiii, 248 p. (2012) : [book review] // Zentralblatt MATH (2013) Zbl 1257.94002, [1] p.
- Henno, J., Jaakkola, H., Mäkelä, J., Brumen, B. Will universities and university teachers become extinct in our bright online future? [Electronic resource] // 2013 36th International Convention on Information and Communication Technology, Electronics and Microelectronics (MIPRO) : May 20-24, 2013, Opatija, Croatia : proceedings. Rijeka : MIPRO, 2013. p. 716-725 [CD-ROM].
- Hunt, A., Ristolainen, A., Ross, P., Öpik, R., Krumme, A., Kruusmaa, M. Low cost anatomically realistic renal biopsy phantoms for interventional radiology trainees // European journal of radiology (2013) Vol. 82, 4, p. 594-600.
- Ibala, C., Astapov, S., Riid, A. et al. Combining multiple sound sources localization hybrid algorithm and fuzzy rule based classification for real-time speaker tracking application // International journal of microelectronics and computer science (2013) Vol. 4, 1, p. 12-25.
- Jaakkola, H., Brumen, B., Henno, J., Mäkelä, J. Are we trendy? [Electronic resource] // 2013 36th International Convention on Information and Communication Technology, Electronics and Microelectronics (MIPRO) : May 20-24, 2013, Opatija, Croatia : proceedings. Rijeka : MIPRO, 2013. p. 529-537 [CD-ROM].
- Jaanus, M., Udal, A., Kukk, V., Umbleja, K. Using microcontrollers for high accuracy analogue measurements // Elektronika ir elektrotechnika = Electronics and electrical engineering (2013) Vol. 19, 6, p. 51-54.
- Jakobson, G., Ottis, R. Foreword // 5th International Conference on Cyber Conflict : 4-7 June 2013, Tallinn, Estonia : proceedings. [Tallinn] : NATO CCD COE, 2013. p. vi-viii.

Jenihhin, M. zamiaCAD : shall we dance? // Open Source Tools for Verification : DVClub 14 January 2013. Bristol : Test and Verification Solutions, 2013. 1 p.

Jenihhin, M. Estonia : e-Design and EDA // 50th DAC Global Forum. [S.I.] : Association for Computing Machinery, 2013. [2] p.

Jervan, G. Systems engineering course as a backbone of the computer engineering curricula // Proceedings of the 24th International Conference on European Association for Education in Electrical and Information Engineering : 30-31 May 2013, Chania, Greece. Heraklion : Technological Educational Institute of Crete, 2013. p. 163-166.

Jung, D.S., Pott, P.P., Salumäe, T., Kruusmaa, M. Flow aided path following of an underwater robot // 2013 IEEE International Conference on Robotics and Automation (ICRA) : Karlsruhe, Germany, May 6-10, 2013. [S.I.] : IEEE, 2013. p. 4602-4607.

Jutman, A., Shibin, K., Devadze, S. Effective scalable IEEE 1687 instrumentation network for fault management // IEEE design & test (2013) Vol. 30, 5, p. 26-35.

Jürgenson, R. Kõige meeldivamaks kogemuseks oli uue võimeka põlvkonna pealekasvamine : sõnavõtt raamatu "Informaatikainstituut II" esitlusel 19. detsembril 2012 Raja tn 15 õppohoones // Tallinna Tehnikaülikooli aastaraamat 2012. [Tallinn] : TTÜ kirjastus, 2013. lk. 286-287.

Kalja, A., Pöld, J., Robal, T., Vallner, U., Viies, V. Estonian eGovernment services : lesson learned // Proceedings of PICMET'13 : Technology Management in the IT-Driven Services : [July 28-August 1, 2013, San Jose, California, USA]. Portland : PICMET, 2013. p. 562-568.

Kangilaski, T. ICT and business alignment in Partner Network : will the alignment depend on maturities? // Proceedings of 7th IFAC Conference on Manufacturing Modelling, Management, and Control, 2013. Saint Petersburg : International Federation of Automatic Control, 2013. p. 603-608. (Manufacturing modelling, management, and control ; Vol. 7, Part 1).

Kangilaski, T., Poljantšikov, I., Ševtšenko, E. Partner Network and its process management // ICINCO 2013 : proceedings of the 10th International Conference on Informatics in Control, Automation and Robotics : Reykjavík, Iceland, 29-31 July, 2013. Vol. 2. [S.I.] : SCITEPRESS, 2013. p. 519-527.

Karu, M. A textual domain specific language for user interface modelling // Emerging trends in computing, informatics, systems sciences, and engineering. New York : Springer, 2013. p. 985-996. (Lecture notes in electrical engineering ; 151).

Kimlaychuk, V. Authentication using shared knowledge : learning agents // Intelligent autonomous systems 12. Vol. 2, Proceedings of the 12th International Conference IAS-12, held June 26-29, 2012 : Jeju Island, Korea. Berlin, Heidelberg : Springer-Verlag, c2013. p. 523-531. (Advances in intelligent systems and computing ; 194).

Kolk, A., Taklaja, A. Elektroonikatööstuse loodud lisandvärtus muudkui kasvab // Inseneeria (2013) 3, lk. 18.

Korolkov, O., Toompuu, J., Rang, T. Analysis of deep level centers in GaAs pin-diode structures // Elektronika ir elektrotehnika = Electronics and electrical engineering (2013) Vol. 19, 10, [4] p.

Krivošei, A., Lamp, J., Min, M., Uuetoa, T., Uuetoa, H., Annus, P. Non-invasive method for the aortic blood pressure waveform estimation using the measured radial EBI // XVth

International Conference on Electrical Bio-Impedance (ICEBI) and XIVth Conference on Electrical Impedance Tomography (EIT) : 22-25 April 2013, Heilbad Heiligenstadt : abstracts. [S.l., 2013]. p. 121.

Krivošei, A., Lamp, J., Min, M., Uuetoa, T., Uuetoa, H., Annus, P. Wearable system for non-invasive and continuous monitoring central aortic pressure curve and augmentation index // pHealth 2013 : proceedings of the 10th International Conference on Wearable Micro and Nano Technologies for Personalized Health : June 26-28, 2013, Tallinn, Estonia. Amsterdam : IOS Press, c2013. p. 101-106. (Studies in health technology and informatics ; 189).

Kruus, H., Ellervee, P., Robal, T., Ruberg, P., Kruus, M. Involving students in teaching process – encouraging student-generated content in ICT studies // Proceedings of the 24th International Conference on European Association for Education in Electrical and Information Engineering : 30-31 May 2013, Chania, Greece. Heraklion : Technological Educational Institute of Crete, 2013. p. 76-81.

Kukk, V. Haridus ja infotehnoloogia või vastupidi // Seestpoolt suurem Eesti. Haridus ja haritus. Tartu : SE&JS, 2013. lk. 91-97.

Kukk, V., Rehepapp, Ü. Esimene A-päev ja lipu saamislugu // Tallinna Tehnikaülikooli aastaraamat 2012. [Tallinn] : TTÜ kirjastus, 2013. lk. 194-196.

Kumlander, D. E-learning environment identification system : error injection and patterns dynamics // Innovations and advances in computer, information, systems sciences, and engineering. New York : Springer, 2013. p. 917-924. (Lecture notes in electrical engineering ; 152).

Kumlander, D. On synergy of motivational projects and agile software development practices // Emerging trends in computing, informatics, systems sciences, and engineering. New York : Springer, 2013. p. 487-497. (Lecture notes in electrical engineering ; 151).

Kumlander, D. Semi-agile approach to software development process // Innovations and advances in computer, information, systems sciences, and engineering. New York : Springer, 2013. p. 801-809. (Lecture notes in electrical engineering ; 152).

Kuusik, A., Sarna, K., Reilent, E. Home rehabilitation system supported by the safety model // pHealth 2013 : proceedings of the 10th International Conference on Wearable Micro and Nano Technologies for Personalized Health : June 26-28, 2013, Tallinn, Estonia. Amsterdam : IOS Press, c2013. p. 145-151. (Studies in health technology and informatics ; 189).

Leier, M., Jervan, G. Sleep apnea pre-screening on neonates and children with shoe integrated sensors [Electronic resource] // 31st Norchip Conference : Vilnius, Lithuania, 11-12 November 2013 : conference program and papers. Piscataway : IEEE, c2013. [4] p. [USB].

Leier, M., Jervan, G. A small-size sleep apnea pre-screening prototype for neonates and children // Info- ja kommunikatsionitehnoloogia doktorikooli IKTDK seitsmenda aastakonverentsi artiklite kogumik : 15.-16. novembril 2013, Haapsalu. Tallinn : Tallinna Tehnikaülikooli kirjastus, 2013. p. 49-52.

Lohk, A., Tilk, O., Võhandu, L. How to create order in large closed subsets of WordNet-type dictionaries // Eesti Rakenduslingvistika Ühingu aastaraamat 9 = Estonian Papers in Applied Linguistics 9. Tallinn : Eesti Rakenduslingvistika Ühing, 2013. p. 149-160.

Lohk, A., Võhandu, L. Independent interactive testing of interactive relational systems // Man-machine interactions 3. Cham : Springer, 2013. p. 63-70. (Advances in intelligent systems and computing ; 242).

- Luczkowski, T. Unistuste raske algus // Tehnikamaailm (2013) 4, lk. 76-78.
- Luczkowski, T. X-vaidtiib // Tehnikamaailm (2013) 6, lk. 78-79.
- Luczkowski, T. Tuleb?... Ei tule?... Lõpuks tuli! : [Pariisi lennundusnäitus 2013] // Tehnikamaailm (2013) 9, lk. 60-62.
- Mahunnah, M., Koorts, A., Taveter, K. Towards distributed sociotechnical system for reporting critical laboratory results // HEALTHINF 2013 – Proceedings of the International Conference on Health Informatics, Barcelona, Spain, 11-14 February, 2013. [S.I.] : SciTePress, 2013. p. 269-276.
- Mahunnah, M., Taveter, K. A scalable multi-agent architecture in environments with limited connectivity : case study on individualised care for healthy pregnancy // 2013 7th IEEE International Conference on Digital Ecosystems and Technologies (DEST) : special theme - smart planet and cyber physical systems as embodiment of digital ecosystems : Menlo Park, California, USA, 24-26 July 2013. Piscataway : IEEE, 2013. p. 84-89.
- Maris, B., Ristolainen, A., Li, L., Gavshin, Y. et al. A phantom study for the validation of a surgical navigation system based on real-time segmentation and registration methods // International journal of computer assisted radiology and surgery (2013) Vol. 8, Suppl. 1, p. 381-382.
- Metshein, M. Active electrodes for measuring the electrical bioimpedance // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK seitsmenda aastakonverentsi artiklite kogumik : 15.-16. novembril 2013, Haapsalu. Tallinn : Tallinna Tehnikaülikooli kirjastus, 2013. p. 57-60.
- Mikhailov, D., Rjabov, A., Sklyarov, V., Skliarova, I., Sudnitsõn, A. Optimization of address-based data sorting unit with external memory support // CompSysTech'13 : proceedings of the 14th International Conference on Computer Systems and Technologies. New York : ACM, 2013. p. 83-90. (ACM International Conference Proceeding series ; 767).
- Mikhailov, J. Error sources in analog ASICs and ways for their minimization // International journal of engineering and applied sciences (EAAS) (2013) Vol. 3, 3, p. 32-41.
- Min, M., Paavle, T. Improved extraction of information in bioimpedance measurements // XVth International Conference on Electrical Bio-Impedance (ICEBI) and XIVth Conference on Electrical Impedance Tomography (EIT) : 22-25 April 2013, Heilbad Heiligenstadt : abstracts. [S.I., 2013]. p. 78.
- Mironova, O., Amitan, I., Vendelin, J., Saar, M. Individual learning approach in the basic course of computer science // Advances in education research. [S.I.] : Information Engineering Research Institute, 2013. p. 40-45.
- Mironova, O., Amitan, I., Vilipöld, J., Saar, M., Rüütmann, T. Computer science E-courses for students with different learning styles // 2013 Federated Conference on Computer Science and Information Systems : September 8-11, 2013, Krakow, Poland. Warsaw : Polskie Towarzystwo Informatyczne, 2013. p. 735-738.
- Mizsei, J., Korolkov, O., Toompuu, J., Mikli, V., Rang, T. Study of surface defects in 4H-SiC Schottky diodes using a scanning Kelvin probe // Silicon Carbide and Related Materials 2012 : selected peer reviewed papers from the 9th European Conference on Silicon Carbide and Related Materials (ECSCRM 2012), September 2-6, 2012, St. Petersburg, Russian Federation. Durnten-Zurich : Trans Tech Publications, c2013. p. 677-680. (Materials science forum ; 740-742).

Mughal, Y. M. An attempt to separating cardiac and respiratory components from EBI dataset through conventional filtering method // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK seitsmenda aastakonverentsi artiklite kogumik : 15.-16. novembril 2013, Haapsalu. Tallinn : Tallinna Tehnikaülikooli kirjastus, 2013. p. 61-64.

Mughal, Y. M., Krivošei, A., Annus, P. Separation of cardiac and respiratory components from the electrical bio-impedance signal using PCA and fast ICA // International Conference on Control Engineering & Information Technology (CEIT'13), Sousse, Tunisia, June 04-07, 2013 : [proceedings]. [S.l.], 2013. [4] p.

Mölder, A., Märtnens, O., Saar, T., Land, R. Adaptively undersampled image processing for fast multiline laser detection // 2013 IEEE 8th International Symposium on Intelligent Signal Processing (WISP 2013) : proceedings. Piscataway : IEEE, c2013. p. 60-64 [CD-ROM].

Mõtus, L. Teadusest ja ühiskonnast, subjektiivselt // Teadusmõte Eestis (VIII). Teaduskultuur. Tallinn : Eesti Teaduste Akadeemia, 2013. lk. 38-45.

Mägi, T. Information accumulation and archivist // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK seitsmenda aastakonverentsi artiklite kogumik : 15.-16. novembril 2013, Haapsalu. Tallinn : Tallinna Tehnikaülikooli kirjastus, 2013. p. 69-72.

Nikiforov, D. NOC mapping and scheduling // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK seitsmenda aastakonverentsi artiklite kogumik : 15.-16. novembril 2013, Haapsalu. Tallinn : Tallinna Tehnikaülikooli kirjastus, 2013. p. 73-78.

Nõmm, S., Buhhalko, K. Monitoring of the human motor functions rehabilitation by neural networks based system with Kinect sensor // 12th IFAC, IFIP, IFORS, IEA Symposium on Analysis, Design, and Evaluation of Human-Machine Systems, 2013 : Las Vegas, United States of America : August 11-14 2013 : proceedings. Las Vegas : IFAC/Elsevier, 2013. p. 249-253. (Analysis, design, and evaluation of Human-Machine Systems ; Vol. 12, 1).

Nõmm, S., Vassiljeva, K., Kuusik, A. Human limb model structure optimization with genetic algorithm // EMS2013 : UKSim-AMSS 7th European Modelling Symposium, 20-22 November 2013, Manchester, United Kingdom : [proceedings]. Los Alamitos : IEEE, 2013. p. 124-129.

Ojarand, J., Annus, P., Min, M. Optimisation of multisine waveform for bio-impedance spectroscopy // XVth International Conference on Electrical Bio-Impedance (ICEBI) and XIVth Conference on Electrical Impedance Tomography (EIT) : 22-25 April 2013, Heilbad Heiligenstadt : abstracts. [S.l., 2013]. p. 79.

Ojarand, M., Min, M. Simple and efficient excitation signals for fast impedance spectroscopy // Elektronika ir elektrotechnika = Electronics and electrical engineering (2013) Vol. 19, 2, p. 49-52.

Penjam, J. Preface // Proceedings of the Estonian Academy of Sciences (2013) Vol. 62, 1, p. 1-2.

Preden, J.-S. Sharing confidential commercial information for ensuring availability of critical infrastructure : technology opportunities and perspectives // Energy security forum (2013) 8, p. 23-27.

Preden, J.-S., Llinas, J., Rogova, G., Pahtma, R., Mõtus, L. On-line data validation in distributed data fusion // Ground/air multisensor interoperability, integration, and networking for persistent ISR IV. Baltimore : SPIE, 2013. p. 1-12. (Proceedings of SPIE ; 8742).

Preden, J.-S., Mõtus, L., Pahtma, R., Meriste, M. Reducing bandwidth requirements and optimizing data flow in distributed data acquisition and processing // Proceedings of the 2013 IEEE International Multi-Disciplinary Conference on Cognitive Methods in Situation Awareness and Decision Support (CogSIMA). [S.I.] : IEEE, 2013. p. 175-182.

Põld, J., Robal, T., Kalja, A. On proving the concept of an ontology aided software refactoring tool // Databases and information systems VII : selected papers from the tenth International Baltic Conference, DB&IS 2012. Amsterdam : IOS Press, 2013. p. 84-94. (Frontiers in artificial intelligence and applications ; 249).

Qamar, S.M., Iqbal, K.F., Muhammad, N. et al. A solution to perceptual aliasing through probabilistic fuzzy logic and SIFT // 2013 IEEE/ASME International Conference on Advanced Intelligent Mechatronics : Mechatronics for Human Wellbeing : July 9-12, 2013, Wollongong, Australia. Piscataway : IEEE, 2013. p. 1393-1398.

Qureshi, A.H., Iqbal, K.F., Muhammad, N. et al. Potential guided directional-RRT* for accelerated motion planning in cluttered environments // Proceedings of 2013 IEEE International Conference on Mechatronics and Automation (ICMA) : August 4-7, Takamatsu, Japan. [S.I.] : IEEE, 2013. p. 519-524.

Raik, J., Jenihhin, M., Könighofer, R. et al. FP7 DIAMOND : design error diagnosis and correction success stories // European Test Symposium (ETS), 2013, Avignon, France. [S.I.] : IEEE, 2013. p. 1-6.

Raik, J., Repinski, U., Tšepurov, A., Hantson, H., Ubar, R., Jenihhin, M. Automated design error debug using high-level decision diagrams and mutation operators // Microprocessors and Microsystems (2013) Vol. 37, 4-5, p. 505-513.

Reeder, R., Udal, A., Velmre, E. et al. Discussion of the development aspects of the quantum cascadelaser simulation software // International Conference on THz and Mid Infrared Radiation and Applications to Cancer Detection Using Laser Imaging : workgroup meetings of Cost Actions MP1204 and BM1205 : October 10-11, 2013, Sheffiled Hallam University, United Kingdom. [S.I., 2013]. p. [36].

Riid, A., Sarv, M. Determination of regional variants in the versification of Estonian folksongs using an interpretable fuzzy rule-based classifier // Proceedings of the 8th Conference of the European Society for Fuzzy Logic and Technology (EUSFLAT 2013), Milano, Italy, September 11-13, 2013. [S.I.] : Atlantis Press, 2013. p. 61-66.

Rist, M., Reidla, M., Märtens, O., Land, R., Min, M., Parve, T., Annus, P. Modular system for fast impedance spectrum analysis of biomedical objects // XVth International Conference on Electrical Bio-Impedance (ICEBI) and XIVth Conference on Electrical Impedance Tomography (EIT) : 22-25 April 2013, Heilbad Heiligenstadt : abstracts. [S.I., 2013]. p. 151.

Ristolainen, A., Colucci, G., Kruusmaa, M. A phantom pig abdomen as an alternative for testing robotic surgical systems : our experience // ATLA = Alternatives to laboratory animals (2013) Vol. 41, 5, p. 359-367.

Robal, T., Kalja, A. Managing knowledge in Web portals for improved customer loyalty and satisfaction // Proceedings of PICMET'13 : Technology Management in the IT-Driven Services : [July 28-August 1, 2013, San Jose, California, USA]. Portland : PICMET, 2013. p. 1207-1216.

Robal, T., Kalja, A. Applying user domain model to improve Web recommendations // Databases and information systems VII : selected papers from the tenth International Baltic

Conference, DB&IS 2012. Amsterdam : IOS Press, 2013. p. 118-131. (Frontiers in artificial intelligence and applications ; 249).

Rabal, T., Kruus, H., Kalja, A. Complementing ICT studies with learning objects on domain ontologies // Proceedings of the 24th International Conference on European Association for Education in Electrical and Information Engineering : 30-31 May 2013, Chania, Greece. Heraklion : Technological Educational Institute of Crete, 2013. p. 92-96.

Roost, M., Taveter, K., Rava, K., Tepandi, J., Pihö, G., Kuusik, R., Õunapuu, E. Towards self-development of evolutionary information systems : an action research of business architecture development by students in socially networked groups // Advanced Information Systems Engineering Workshops : CAiSE 2013 International Workshops, Valencia, Spain, June 17-21, 2013 : proceedings. Heidelberg : Springer, 2013. p. 1-15. (Lecture notes in business information processing ; 148).

Ruuben, T., Kreison, O. Route planning in asymmetric military environments // 2013 Second International Conference on Future Generation Communication Technology (FGCT) : December 12-14, 2013, City Conference Center, Holborn, London. Piscataway : IEEE, 2013. p. 73-80.

Saar, T., Reidla, M., Märtens, O., Land, R., Min, M., Herranen, H. Chirp-based piezo-impedance measurement // Proceedings : WISP'2013, 8th IEEE International Symposium on Intelligent Signal Processing. Funchal : IEEE Operations Center, 2013. [4] p.

Saif Abrar, S., Jenihhin, M., Raik, J. Extensible open-source framework for translating RTL VHDL IP cores to SystemC // Proceedings of the 2013 IEEE 16th International Symposium on Design and Diagnostics of Electronic Circuits & Systems (DDECS) : April 8-10, 2013, Karlovy Vary, Czech Republic. Piscataway : IEEE, c2013. p. 112-115.

Saif Abrar, S., Jenihhin, M., Raik, J. Optimization methodologies for Cycle-Accurate SystemC models converted from RTL VHDL // IP-SoC 2013 : IP embedded system conference and exhibition : Grenoble, France, November 6-7, 2013. [S.I.], 2013.

Saif Abrar, S., Shyam, K.A., Jenihhin, M., Raik, J., Babu, C. Performance analysis of cosimulating processor core in VHDL and SystemC // Proceedings of the 2013 International Conference on Advances in Computing, Communications and Informatics (ICACCI) : 22-25 August 2013, Mysore, India. Piscataway : IEEE, 2013. p. 563-568.

Salumäe, T., Kruusmaa, M. Flow-relative control of an underwater robot // Proceedings of the Royal Society. A, Mathematical, physical & engineering sciences (2013) Vol. 469, 2153.

Schoefegger, K., Tammet, T., Granitzer, M. A survey on socio-semantic information retrieval // Computer science review (2013) Vol. 8, p. 25-46.

Sgirka, R. A versioning subsystem of metamodeling system // Innovations and advances in computer, information, systems sciences, and engineering. New York : Springer, 2013. p. 305-317. (Lecture notes in electrical engineering ; 152).

Sgirka, R., Eessaar, E. A quality model of metamodeling systems // Emerging trends in computing, informatics, systems sciences, and engineering. New York : Springer, 2013. p. 543-555. (Lecture notes in electrical engineering ; 151).

Shibin, K., Jutman, A., Devadze, S. Fault management instrumentation network based on IEEE P1687 IJTAG // European Test Symposium (ETS), 2013, Avignon, France. [S.I.] : IEEE, 2013.

- Shvartsman, I., Taveter, K., Meriste, M. A method of conceptual modelling for realistic training scenarios // ICAART 2013 – proceedings of the 5th International Conference on Agents and Artificial Intelligence, : Barcelona, Spain, 15-18 February, 2013. Volume 1. [S.I.] : SciTePress, 2013. p. 443-446.
- Siavashi, F., Waldén, M., Tsipopoulos, L., Vain, J. Modelling critical systems with timing constraints in Event-B [Electronic resource] // 25th Nordic Workshop on Programming Theory NWPT 2013 : Tallinn, Estonia, 20-22 November 2013 : abstracts. Tallinn : [Tallinna Tehnikaülikooli] Küberneetika Instituut, 2013. p. 70-72 [USB].
- Skliarova, I., Sklyarov, V., Sudnitsõn, A., Kruus, M. Using mobile technology to enhance teaching reconfigurable systems // Proceedings of 2013 IEEE International Conference on Teaching, Assessment and Learning for Engineering (TALE). Piscataway : IEEE, c2013. p. 478-483.
- Skliarova, I., Vallejo, T., Sklyarov, V., Sudnitsõn, A., Kruus, M. Solving computationally intensive problems in reconfigurable hardware : a case study // Journal of convergence information technology (JCIT) : an international journal (2013) Vol. 8, 3, p. 601-609.
- Sklyarov, V., Skliarova, I., Kruus, M., Mihailov, D., Sudnitsõn, A. Address-based data processing over N-ary trees // EuroCon 2013 : 01-04 July 2013, Zagreb, Croatia. Piscataway : IEEE, c2013. p. 1790-1797.
- Sklyarov, V., Skliarova, I., Rjabov, A., Sudnitsõn, A. Implementation of parallel operations over streams in extensible processing platforms // 2013 IEEE 56th International Midwest Symposium on Circuits and Systems (MWSCAS) : August 4-7, 2013, Columbus, Ohio : [proceedings]. [S.I.] : The Printing House, 2013. p. 852-855.
- Sklyarov, V., Skliarova, I., Sudnitsõn, A. Processing N-ary trees in reconfigurable hardware // 2013 25th International Conference on Microelectronics (ICM) : 15–18 December 2013, Beirut-Lebanon. [S.I.] : IEEE, 2013. p. 13-16.
- Sobolev, I., Babichenko, S. Analysis of the performances of hyperspectral lidar for water pollution diagnostics // EARSeL eProceedings (2013) Vol. 12, 2, p. 113-123.
- Sobolev, I., Babichenko, S. Application of the wavelet transform for feature extraction in the analysis of hyperspectral laser-induced fluorescence data // International journal of remote sensing (2013) Vol. 34, 20, p. 7218-7235.
- Soomere, T., Mõtus, L., Engelbrecht, J. jt. Üldkogu aastakoosolek 18. aprillil 2012 : [ka T.Soomere, L.Mõtuse ja J.Engelbrechi ettekanded] // Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2012. Tallinn : Eesti Teaduste Akadeemia, 2013. lk. 58-77.
- Sulakatko, A. Research on ad hoc personal network application development kit // Info- ja kommunikatsionitehnoloogia doktorikooli IKTDK seitsmenda aastakonverentsi artiklite kogumik : 15.-16. novembril 2013, Haapsalu. Tallinn : Tallinna Tehnikaülikooli kirjastus, 2013. p. 99-102.
- Šor, V., Treier, T., Srirama, S.V. Improving statistical approach for memory leak detection using machine learning // 2013 IEEE International Conference on Software Maintenance : 22-28 September 2013, Eindhoven, The Netherlands : proceedings. Piscataway : IEEE, 2013. p. 544-547.
- Švartsman, I., Taveter, K. Agent-oriented modelling for tabletop military training exercises // Info- ja kommunikatsionitehnoloogia doktorikooli IKTDK seitsmenda aastakonverentsi

artiklite kogumik : 15.-16. novembril 2013, Haapsalu. Tallinn : Tallinna Tehnikaülikooli kirjastus, 2013. p. 91-94.

Tammet, T., Luberg, A., Järv, P. Sightsmap : crowd-sourced popularity of the world places // Information and communication technologies in tourism 2013 : proceedings of the International Conference in Innsbruck, Austria, January 22-25, 2013. Berlin, Heidelberg : Springer, 2013. p. 314-325.

Tart, A., Trump, T. Adaptive equalizer for Mode S receiver // 2013 8th International Workshop on Systems, Signal Processing and their Applications (WoSSPA) : 12-15 May, 2013, Algiers, Algeria. Piscataway : IEEE, 2013. p. 310-315.

Tepljakov, A., Petlenkov, E., Belikov, J. Synthesis of digital filters for embedded fractional-order control applications // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK seitsmenda aastakonverentsi artiklite kogumik : 15.-16. novembril 2013, Haapsalu. Tallinn : Tallinna Tehnikaülikooli kirjastus, 2013. p. 103-106.

Tepljakov, A., Petlenkov, E., Belikov, J. Efficient analog implementations of fractional-order controllers // Proceedings of the 2013 14th International Carpathian Control Conference (ICCC) : Rytro, Hotel Perła Południa, Poland, May 26-29, 2013. Piscataway : IEEE, 2013. p. 377-382.

Tepljakov, A., Petlenkov, E., Belikov, J., Astapov, S. Digital fractional-order control of a position servo // Proceedings of the 20th International Conference Mixed Design of Integrated Circuits and Systems : MIXDES 2013, Gdynia, Poland, June 20-22, 2013. Lodz : Department of Microelectronics and Computer Science, Lodz University of Technology, 2013. p. 462-467.

Tepljakov, A., Petlenkov, E., Belikov, J., Astapov, S. Tuning and digital implementation of a fractional-order PD controller for a position servo // International journal of microelectronics and computer science (2013) Vol. 4, 3, p. 116-123.

Tepljakov, A., Petlenkov, E., Belikov, J., Finajev, J. Fractional-order controller design and digital implementation using FOMCON toolbox for MATLAB // 2013 IEEE Conference on Computer Aided Control System Design (CACSD) : Part of 2013 IEEE Multi-Conference on Systems and Control : Hyderabad, India, August 28-30, 2013. Piscataway : IEEE, 2013. p. 340-345.

Tepljakov, A., Petlenkov, E., Belikov, J., Halás, M. Design and implementation of fractional-order PID controllers for a fluid tank system // 2013 American Control Conference (ACC) : Washington, DC, USA, June 17-19, 2013. Piscataway : IEEE, 2013. p. 1777-1782.

Tihhomirov, V., Jenihhin, M., Raik, J. Using simulation statistics for bug localization in RTL designs // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK seitsmenda aastakonverentsi artiklite kogumik : 15.-16. novembril 2013, Haapsalu. Tallinn : Tallinna Tehnikaülikooli kirjastus, 2013. p. 107-110.

Tihhomirov, V., Tsepurov, A., Jenihhin, M., Raik, J., Ubar, R. Assessment of diagnostic test for automated bug localization // LATW2013 : 14th IEEE Latin-American Test Workshop, Cordoba, Argentina, April 3-5, 2013 : [proceedings]. Piscataway : IEEE, 2013. [6] p.

Tihhomirov, V., Tsepurov, A., Saif Abrar, S., Jenihhin, M., Raik, J. VHDL design debug framework based on zamiaCAD // DATE 2013 : Design Automation and Test in Europe, March 18-22, 2013, Grenoble, France. [S.I.], 2013. [1] p.

Tombak, M., Loorits, N., Peder, A., Võhandu, L. Pattern matching for superpositional graphs and separable permutations // Abstracts of Eleventh International Conference Permutation Patterns 2013. Paris, 2013. p. 64-66.

Tomson, T., Preden, J. Simulating System of Systems using MACE // UKSim 15th International Conference on Computer Modelling and Simulation : 10-12 April 2013, Cambridge, United Kingdom : proceedings. Piscataway : IEEE, 2013. p. 155-160.

Torim, A. Galois sub-hierarchies used for use case modeling // CLA 2013 : proceedings of the Tenth International Conference on Concept Lattices and Their Applications : La Rochelle, France, October 15-18, 2013. La Rochelle : Laboratory L3i, University of La Rochelle, 2013. p. 21-32. (CEUR workshop proceedings ; 1062).

Trump, T. Detection of the consistency of two speech signals using pitch periods // Proceedings of the Estonian Academy of Sciences (2013) Vol. 62, 2, p. 88-96.

Trump, T. Applications of a combination of two adaptive filters // Adaptive filtering - theories and applications. Rijeka : InTech, c2013. p. 61-89.

Trump, T. Adaptive filter combinations // Recent advances in telecommunications and circuits : [proceedings of the 11th ELECTROSCIENCE'13, 2nd CSCCA'13, 1st SSC'13, 1st ANPRO'13 : Dubrovnik, Croatia, June 25-27, 2013]. Dubrovnik : WSEAS Press, c2013. p. 12 (Recent advances in electrical engineering series ; 14).

Trump, T. An output signal based combination of three LMS adaptive filters // 2013 18th International Conference on Digital Signal Processing (DSP) : [proceedings]. [S.I.] : IEEE, c2013. [6] p.

Trump, T. On a combination of M adaptive filters // The 21st European Signal Processing Conference : 9-13 September 2013, Palais des Congres, Marrakech. [Marrakech, 2013]. p. 1-5.

Trump, T., Müürsepp, I. Detection speed of responsive communication jamming detectors // Recent advances in telecommunications and circuits : [proceedings of the 11th ELECTROSCIENCE'13, 2nd CSCCA'13, 1st SSC'13, 1st ANPRO'13 : Dubrovnik, Croatia, June 25-27, 2013]. Dubrovnik : WSEAS Press, c2013. p. 149-154. (Recent advances in electrical engineering series ; 14).

Trump, T., Tart, A. A dual filter scheme for secondary surveillance radar reply signals // Recent advances in telecommunications and circuits : [proceedings of the 11th ELECTROSCIENCE'13, 2nd CSCCA'13, 1st SSC'13, 1st ANPRO'13 : Dubrovnik, Croatia, June 25-27, 2013]. Dubrovnik : WSEAS Press, c2013. p. 143-148. (Recent advances in electrical engineering series ; 14).

Tšertov, A., Devadze, S., Jutman, A., Jasnetski, A. On in-system programming of non-volatile memories // International journal of microelectronics and computer science (2013) Vol. 4, 2, p. 72-78.

Tšertov, A., Devadze, S., Jutman, A., Jasnetski, A. On in-system programming of non-volatile memories // Proceedings of the 20th International Conference Mixed Design of Integrated Circuits and Systems : MIXDES 2013, Gdynia, Poland, June 20-22, 2013. Lodz : Department of Microelectronics and Computer Science, Lodz University of Technology, 2013. p. 408-413.

Ubar, R. Diagnostic modeling of digital systems with low- and high-level decision diagrams // LATW2013 : 14th IEEE Latin-American Test Workshop, Cordoba, Argentina, April 3-5, 2013 : [proceedings]. Piscataway : IEEE, 2013. [1] p.

Ubar, R. Tippteadus ja ülikool // Teadusmõte Eestis (VIII). Teaduskultuur. Tallinn : Eesti Teaduste Akadeemia, 2013. lk. 46-53.

Ubar, R., Kostin, S., Raik, J. Synthesis of multiple fault oriented test groups from single fault test sets [Electronic resource] // 2013 8th International Conference on Design & Technology of Integrated Systems in Nanoscale Era (DTIS) : 26-28 March 2013, Abu Dhabi, UAE. Piscataway : IEEE, c2013. p. 36-41 [CD-ROM].

Ubar, R., Vargas, F.L., Jenihhin, M., Raik, J. Nanoelectronics aging mitigation using SSBDD based techniques and dedicated sensors // MEDIAN Workshop on Circuit Reliability : Modeling and Monitoring, Rome, Italy, February 25, 2013. [S.I.], 2013. [1] p.

Ubar, R., Vargas, F., Jenihhin, M., Raik, J., Kostin, S., Bolzani Poehls, L. Identifying NBTI-critical paths in nanoscale logic // 16th Euromicro Conference series on Digital System Design : DSD 2013 : proceedings : 4-6 September 2013, Santander, Spain. [S.I.] : CPS, 2013. p. 136-141.

Umbleja, K. Automatic answer evaluation with competence based learning // Info- ja kommunikatsionitehnoloogia doktorikooli IKTDK seitsmenda aastakonverentsi artiklite kogumik : 15.-16. novembril 2013, Haapsalu. Tallinn : Tallinna Tehnikaülikooli kirjastus, 2013. p. 111-114.

Umbleja, K., Kukk, V., Jaanus, M. Competence-based approach to learning // 2013 IEEE Global Engineering Education Conference (EDUCON) : 13-15 March 2013, Technische Universität Berlin, Berlin, Germany. Piscataway : IEEE, 2013. p. 552-559.

Umbleja, K., Kukk, V., Jaanus, M., Švets, O. Laboratory experience with competence based learning // International Conference on Engineering Education and Research : ICEER 2013 : Marrakesh, July 1st-5th : proceedings. [S.I.], 2013. p. 487-494.

Uustalu, T. Foreford // ICFP'13 : proceedings of the 2013 ACM SIGPLAN International Conference on Functional Programming. New York : Association for Computing Machinery, 2013. p. iii. (Sigplan notices ; Vol. 48, 9).

Uustalu, T. Teadus ja vääritus // Teadusmõte Eestis (VIII). Teaduskultuur. Tallinn : Eesti Teaduste Akadeemia, 2013. lk. 10-15.

Võhandu, L. Meenutusi Uno Merestest // Uno Mereste kaasaegsete mälestustes. [Tallinn] : TTÜ majandusteaduskond, 2013. lk. 149-150.

Võrk, A., Preden, J. Välisvalgustuse juhtimislahenduste tööpõhimõtetest // Elektrala (2013) 8, lk. 8-10.

Übi, J., Liiv, I., Übi, E., Võhandu, L. An analysis of community structure detection for educational coopetition // 2013 Second International Conference on e-Learning and e-Technologies in Education (ICEEE 2013) : proceedings of a meeting held 23-25 September 2013, Lodz, Poland. [S.I.] : IEEE, 2013. p. 104-109.

Übi, J., Übi, E., Liiv, I., Võhandu, L. Predicting student retention by comparing histograms of bootstrapping for Charnes-Cooper transformation-linear programming discriminant analysis // 2013 Second International Conference on e-Learning and e-Technologies in Education (ICEEE 2013) : proceedings of a meeting held 23-25 September 2013, Lodz, Poland. [S.I.] : IEEE, 2013. p. 110-114.

Ying, H., Hollstein, T., Hofmann, K. GSNoC – the comprehensive design platform for 3-dimensional Networks-on-Chip based many core embedded systems // Proceedings of the

2013 International Conference on High Performance Computing & Simulation (HPCS 2013) : July 1-July 5, 2013, Helsinki, Finland. Piscataway : The Printing House, 2013. p. 217-223.

Ying, H., Hollstein, T., Hofmann, K. Fast and optimized task allocation method for low vertical link density 3-dimensional Networks-on-Chip based many core systems // Proceedings : Design, Automation & Test in Europe : Grenoble, France, March 18-22, 2013. [S.I.] : EDAA, 2013. p. 1777-1782.

Ying, H., Jaiswal, A., Hollstein, T., Hofmann, K. Deadlock-free generic routing algorithms for 3-dimensional Networks-on-Chip with reduced vertical link density topologies // Journal of systems architecture (2013) Vol. 59, 7, p. 528-542.

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Raamatud

Kambek, L., Pitsi, T., Eha, M., Gluškova, N. Dietary habits of adolescents in Estonia : equity and social determinants [Electronic resource]. Copenhagen : World Health Organization, 2013. iii, 48 p.

Pitsi, T., Gluškova, N., Martverk, M., Oja, L., Liiv, K. Energiajookide uuring : raport [Elektrooniline teavik]. Tallinn : Tervise Arengu Instituut, 2013. 130 lk.

Reiska, R. (tlk.). Puidust põrandakate : täispuidust üksikud ja eelkoostatud lehtpuulauad = Wood flooring : solid individual and pre-assembled hardwood boards. Tallinn : Eesti Standardikeskus, 2013. II, 23 lk. (Eesti standard ; EVS-EN 13629:2012).

Zilmer, M., Pitsi, T., Udeküll, A., Kiisk, L., Laasner, A., Leek-Ambur, H., Tammsaar, E. Põhimõtted ja soovitused tervislikuks söömiseks Eesti ravi-spaades [Elektrooniline teavik]. [S.I.], 2013. 60 lk.

Vokk, R. Prillitoosi terviseraamat : toit ja tervis. [Tallinn] : Cum Laude, 2013. 127 lk.

Artiklid

Adamberg, S., Tomson, K., Vija, H., Wadström, T., Ljungh, A., Adamberg, K. Can isothermal microcalorimetry be used to characterise bacterial growth on prebiotic oligosaccharides? // The Intestinal Microbiota and Gut Health : Contribution of the Diet, Bacterial Metabolites, Host Interactions and Impact on Health and Disease : IATA (CSIC), Valencia, Spain, 18th-20th September 2013 : conference proceedings, short communications. [S.I.], 2013. p. 15-17.

Akk, E., Lõiveke, E., Edesi, L., Kütt, M.-L., Lauringson, E., Kastanje, V. Formation of the abundance of microfungi on the barley grain grown as pure and mixed crops in Central and North Estonia // Estonian journal of ecology (2013) Vol. 62, 4, lk. 265-275.

Alanne, A.-L., Tuikka, M., Tõnsuaadu, K. et al. A novel bisphosphonate-based solid phase method for effective removal of chromium(III) from aqueous solutions and tannery effluents // RSC advances (2013) 33, p. 14132-14138.

Beganskiene, A., Bogdanoviciene, I., Mikli, V., Tõnsuaadu, K. et al. Sol-gel approach to the calcium phosphate nanocomposites [Electronic resource] // Proceedings of the 37th International Conference on Advanced Ceramics and Composites : January 27-February 1, 2013, Daytona Beach, Florida, USA. [S.I.] : The American Ceramic Society, 2013. [10] p. [CD-ROM].

- Beganskiene, A., Bogdanoviciene, I., Tõnsuaadu, K. et al. Sol-Gel approach to the calcium phosphate nanocomposites : (ICACC-S7-P091-2013) // 37th International Conference and Exposition on Advanced Ceramics and Composites : abstracts book : January 27-February 1, 2013, Daytona Beach, Florida. [S.I.] : The American Ceramic Society, 2013. p. 102.
- Bereznev, S., Adhikari, N., Kois, J., Raadik, T., Traksmaa, R., Volobujeva, O., Kouhiisfahani, E., Öpik, A. One-source PVD of n-CuIn5Se8 photoabsorber films for hybrid solar cells // Solar energy (2013) 94, p. 202-208.
- Bereznev, S., Jarkov, A., Kois, J., Volobujeva, O., Mellikov, E., Öpik, A. Polypyrrole back-contact to CdS/CdTe solar cell // 11th International Symposium on Functional π -electron systems (F π -11) : June 2-7, 2013, Arcachon, France : book of abstracts. Bordeaux : Universite de Bordeaux, 2013. p. 164.
- Blagoev, B., Terzieva, S., Mikli, V. et al. Magnetic and transport characteristics of oxygenated polycrystalline La_{0.6}Pb_{0.4}MnO₃ // Journal of magnetism and magnetic materials (2013) 329, p. 34-38.
- Bolobajev, J., Viisimaa, M., Goi, A., Trapido, M. Chemical oxidation for the treatment of oil shale industry effluent : treatment strategies optimization // TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad". [S.I.], 2013. [1] p.
- Bolobajev, J., Viisimaa, M., Klauson, D., Goi, A., Trapido, M. Chemical oxidation for the treatment of oil shale industry effluent : treatment strategies optimization // Ozone and related oxidants in : safe water along its cycle : April 23–24, 2013, Berlin, Germany. [S.I.] : International Ozone Association, 2013. 2.8-1 - 2.8-8.
- Boroznjak, R., Tretjakov, A., Sõritski, V., Reut, J., Öpik, A. Development of a surface imprinting strategy based on a covalently immobilized protein // Baltic Polymer Symposium 2013 : Trakai, Lithuania, September 18-21, 2013 : programme [and abstracts]. Vilnius : Vilnius University, 2013. p. 126.
- Botnariuc, V., Gorceac, L., Mikli, V. et al. Synthesis and electrophysical properties of nanometric CdS layers deposited on SnO₂-coated glass substrates by pulverization method // Journal of nanoelectronics and optoelectronics (2013) Vol. 7, 7, p. 744-749.
- Chandra Dimri, M., Khanduri, H., Mere, A., Stern, R. Magnetic studies on spinel ferrite nanoparticles synthesized by citrate combustion route // 13th International Conference on Magnetic Fluids : 7th-11th January 2013 : abstract book. New Delhi : CSIR – National Physical Laboratory, 2013. p. 196-197.
- Dedova, T., Gromõko, I., Mikli, V., Volobujeva, O., Utt, K., Sildos, I., Mere, A., Krunks, M. Nanostructured layers of ZnS obtained by spray pyrolysis // E-MRS 2013 Spring Meeting. Symposium P, Functional nanowires : synthesis, characterization and applications : poster session II. Strasbourg : European Materials Research Society, 2013. p. 15.
- Dedova, T., Krunks, M., Gromõko, I., Mikli, V., Sildos, I., Utt, K., Unt, T. ZnS thin films and nanostructured layers by chemical spray pyrolysis // XXXIII Eesti Keemiatänav : teaduskonverentsi teesid. Tallinn : Eesti Keemia Selts, 2013. p. 13.
- Dedova, T., Krunks, M., Oja Acik, I., Klauson, D., Volobujeva, O., Mere, A. Hierarchical nanostructures of ZnO obtained by spray pyrolysis // Materials chemistry and physics (2013) Vol. 141, 1, p. 69-75.

- Dedova, T., Volobujeva, O., Gromõko, I., Mikli, V., Mere, A., Krunks, M. Growth of zinc oxide nanostructured layers on SnO₂ electrodes by spray pyrolysis // TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad". [S.I.], 2013. [1] p.
- Dedova, T., Volobujeva, O., Krunks, M., Mikli, V., Gromõko, I., Katerski, A., Mere, A. Growth of ZnO rods on FTO electrodes by spray pyrolysis // IOP conference series : materials science and engineering (2013) 49, [4] p.
- Dolgov, L., Oja Acik, I., Mere, A., Krunks, M., Mikli, V. et al. Noble metal nanoparticles for improvement of fluorescent and photovoltaic materials // The international summer school "Nanotechnology: from fundamental research to innovations" and International research and practice conference "Nanotechnology and nanomaterials" (NANO-2013), 25 August-1 September, 2013, Bukovel, Ukraine : book of abstracts. Lviv : Eurosvit, 2013. p. 352.
- Dulov, A., Dulova, N., Trapido, M. Photochemical degradation of nonylphenol in aqueous solution : the impact of pH and hydroxyl radical promoters // Journal of environmental sciences (2013) Vol. 25, 7, 1326-1330.
- Graf, A. Investigation of electrical properties of cadmium sulfide thin films // Proceedings of CYSENI 2013 : the 10th Annual Conference of Young Scientists on Energy Issues, May 29-31, 2013, Kaunas, Lithuania. Kaunas : Lithuanian Energy Institute, 2013. p. 457-463.
- Grossberg, M., Salu, P., Raudoja, J., Krustok, J. Microphotoluminescence study of Cu₂ZnSnS₄ polycrystals // Journal of photonics for energy (2013) Vol. 3, 1, p. 030599-1 - 030599-6.
- Hruljova, J., Järvik, O., Oja, V. Studies on kukersite oil shale kerogen solvent swelling by differential scanning calorimetry (DSC) // 11th Mediterranean Conference of Calorimetry and Thermal Analysis (MEDICTA 2013) : Athens, Greece, 12–15 June, 2013. [S.I.] : Hellenic Society for Thermal Analysis, 2013.
- Hruljova, J., Savest, N., Oja, V., Suuberg, E. Kukersite oil shale kerogen solvent swelling in binary mixtures // Fuel (2013) 105, p. 77-82.
- Hälvil, K., Paalme, T., Nisamedtinov, I. Comparison of different extraction methods for simultaneous determination of B complex vitamins in nutritional yeast using LC/MS-TOF and stable isotope dilution assay // Analytical and bioanalytical chemistry (2013) Vol. 405, 4, p. 1213-1222.
- Iljina, J., Volobujeva, O., Raadik, T., Revathi, N., Raudoja, J., Loorits, M., Traksmaa, R., Mellikov, E. Selenisation of sequentially electrodeposited Cu-Zn and Sn precursor layers // Thin solid films (2013) 535, p. 14-17.
- Jarkov, A., Bereznev, S., Volobujeva, O., Traksmaa, R., Tverjanovich, A., Öpik, A., Mellikov, E. Photo-assisted electrodeposition of polypyrrole back contact to CdS/CdTe solar cell structures // Thin solid films (2013) 535, p. 198-201.
- Johannes, I., Palu, V. A synergy code in co-pyrolysis // Oil shale (2013) Vol. 30, 4, p. 471-490.
- Johannes, I., Tiikma, L., Luik, H. Synergy in co-pyrolysis of oil shale and pine sawdust in autoclaves // Journal of analytical and applied pyrolysis (2013) 104, p. 341-352.
- Johannes, I., Tiikma, L., Palu, V. Sünergiakood // XXXIII Eesti Keemiatänavad : teaduskonverentsi teesid. Tallinn : Eesti Keemia Selts, 2013. lk. 20.
- Johannes, I., Tiikma, L., Palu, V., Jurjeva, J. Mathematical modeling of synergy in co-pyrolysis // International oil shale symposium : Tallinn, Estonia, June 10-13, 2013. [S.I.], 2013. p. 66.

Järv, H., Kallavus, U. Märgunud puitplaadid – kiirelt tekkiv hallitus // Ehitaja (2013) 7/8, lk. 48-50.

Kaevand, T., Kalda, J., Lille, Ü. On the charge carrier time-of-flight mobility and the ordering effects in the microcrystalline PEDOT/PSS complex : a morphology-based simulation study // International journal of renewable energy and biofuels (2013) 2013, p. 1-13.

Kaljuvee, T., Hälvlin, H., Loide, V., Kuusik, R. Some possibilities of granulation of oil shale ashes // International oil shale symposium : Tallinn, Estonia, June 10-13, 2013. [S.I.], 2013. p. 73-74.

Kaljuvee, T., Hälvlin, H., Pototski, A., Kuusik, R. Laboratory scale granulation of oil shale ashes // 6th International Granulation Workshop : Granulation Conference, Sheffield, UK, 26th-28th June 2013 : [abstracts]. Sheffield : The University of Sheffield, 2013. p. 63.

Kaljuvee, T., Keelman, M., Trikkel, A., Petkova, V. TG-FTIR-MS analysis of thermal and kinetic characteristics of some coal samples // Journal of thermal analysis and calorimetry (2013) Vol. 113, 3, p. 1063-1071.

Kaljuvee, T., Štubna, I., Somelar, P., Mikli, V., Kuusik, R. Thermal behaviour of some Estonian clays and their mixtures with oil shale ash additives // Book of abstracts : 2nd Central and Eastern European Conference on Thermal Analysis and Calorimetry, 27-30 August 2013, Vilnius, Lithuania. [S.I.] : Central and Eastern European Committee for Thermal Analysis and Calorimetry, c2013. p. 231.

Kallavus, U. Biodeterioration, salt distribution and damage to plaster and render/extent and reasons for salt, mould and rot damage // The final research report of the project "Sustainable Management of Historic Rural Churches in the Baltic Sea Region (SMC)". Tallinn : TTÜ kirjastus, 2013. p. 57-66.

Kann, J., Raukas, A., Siirde, A. About the gasification of kukersite oil shale // Oil shale (2013) Vol. 30, 2S, p. 283-293.

Kask, E., Grossberg, M., Josepson, R., Salu, P., Timmo, K., Krustok, J. Defect studies in Cu₂ZnSnSe₄ and Cu₂ZnSn(Se0.75S0.25)4 by admittance and photoluminescence spectroscopy // Materials science in semiconductor processing (2013) Vol. 16, 3, p. 992-996.

Kauk-Kuusik, M., Altosaar, M., Muska, K., Pilvet, M., Raudoja, J., Timmo, K., Varema, T., Grossberg, M., Mellikov, E., Volobujeva, O. Post-growth annealing effect on the performance of Cu₂ZnSnSe₄ monograin layer solar cells // Thin solid films (2013) 535, p. 18-21.

Klauson, D., Pilnik-Sudareva, J., Budarnaja, O., Kritševskaja, M., Kuljasova, Y., Käkinen, A., Juganson, K., Preis, S. Aqueous photocatalytic oxidation of prednisolone // Abstracts of papers of the American Chemical Society. Vol. 245. [S.I.] : American Chemical Society, 2013. [1] p.

Klauson, D., Pilnik-Sudareva, J., Pronina, N., Budarnaja, O., Kritševskaja, M., Käkinen, A., Juganson, K., Preis, S. Aqueous photocatalytic oxidation of prednisolone // Central European journal of chemistry (2013) Vol. 11, 10, p. 1620-1633.

Klauson, D., Poljakova, A., Pronina, N., Kritševskaja, M., Moiseev, A., Dedova, T., Preis, S. Aqueous photocatalytic oxidation of doxycycline // Journal of advanced oxidation technologies (2013) Vol. 16, 2, p. 234-243.

Klimova, I., Kaljuvee, T. Ammoniumnitraadi graanulite modifitseerimine lubjakivijahust katendi abil // XXXIII Eesti Keemiatänav : teaduskonverentsi teesid. Tallinn : Eesti Keemia Selts, 2013.

Klimova, I., Kaljuvee, T., Mikli, V., Trikkal, A. Influence of some lime-containing additives on the thermal behavior of urea // Journal of thermal analysis and calorimetry (2013) Vol. 111, 1, p. 253-258.

Klimova, I., Mikli, V., Kaljuvee, T. Upgrading the crush strength of ammonium nitrate prills by coating with limestone or dolomite powder // 6th International Granulation Workshop : Granulation Conference, Sheffield, UK, 26th-28th June 2013. Sheffield : The University of Sheffield, 2013. p. 102.

Kois, J., Bereznev, S., Gurevitš, J., Mellikov, E., Öpik, A. Electrodeposition of CdSe nanofibers as photo-active matrix for polymer solar cells // Baltic Polymer Symposium 2013 : Trakai, Lithuania, September 18-21, 2013 : programme [and abstracts]. Vilnius : Vilnius University, 2013. p. 122.

Kois, J., Bereznev, S., Gurevitš, J., Volobujeva, O. Electrochemically synthesised CdSe nanofibers and pearl-chain nanostructures for photovoltaic applications // Materials letters (2013) 95, p. 110-113.

Kois, J., Gurevitš, J., Bereznev, S., Volobujeva, O., Öpik, A., Mellikov, E. CdSe nanofiber and nanohorn structures on ITO substrates fabricated by electrochemical deposition // Applied surface science (2013) 283, p. 982-985.

Krasulina, J., Bitjukov, M., Vink, N., Gregor, A., Luik, L., Luik, H. Catalytic hydrogenation of thermobitumen // International oil shale symposium : Tallinn, Estonia, June 10-13, 2013. [S.I.], 2013. p. 56-57.

Krasulina, J., Bitjukov, M., Vink, N., Gregor, A., Luik, L., Luik, H. Termobituumeni katalüütiline hüdrogeenimine // XXXIII Eesti Keemiatänav : teaduskonverentsi teesid. Tallinn : Eesti Keemia Selts, 2013. lk. 35.

Kriisa, M., Krunks, M., Kärber, E., Kukk, M., Mikli, V., Mere, A. Effect of solution spray rate on the properties of chemically sprayed ZnO:In thin films // Journal of nanomaterials (2013) Vol. 2013, p. 1-9.

Kritševskaja, M., Klauson, D., Pronina, N., Poljakova, A., Preis, S. Aqueous photocatalytic oxidation of doxycycline // Abstracts of papers of the American Chemical Society. Vol. 245. [S.I.] : American Chemical Society, 2013. [1] p.

Kritševskaja, M., Moiseev, A., Qi, F., Weber, A.P., Deubener, J. Analysis of photocatalytic performance of pyrogenic titanium dioxide nanopowders in view of their polydispersity and anatase phase transition // Book of abstracts : Fourth International Conference on Semiconductor Photochemistry. Prague : Institute of Chemical Technology, 2013. p. 226.

Krunks, M., Dedova, T., Oja Acik, I., Kriisa, M., Mikli, V., Katerski, A., Kärber, E., Mere, A. ZnO nanostructures by chemical spray for next generation solar cells // NEXTGEN NANO PV : book of abstracts. [S.I.] : NanoSciences, 2013. p. 31-32.

Kruusement, K., Palu, V., Šarajeva, G., Luik, H. Diktüoneemakilda ekstraktsioon superkriitilise fluiidiga // XXXIII Eesti Keemiatänav : teaduskonverentsi teesid. Tallinn : Eesti Keemia Selts, 2013. lk. 38.

- Kruusement, K., Palu, V., Šarajeva, G., Luik, H. Supercritical fluid extraction of dictyonema oil shale // International oil shale symposium : Tallinn, Estonia, June 10-13, 2013. [S.I.], 2013. p. 67.
- Kuusik, R. Projekti Global Traps neljas töoseminar : [Marokos 16.-18. märtsil 2012] // Tallinna Tehnikaülikooli aastaraamat 2012. [Tallinn] : TTÜ kirjastus, 2013. lk. 260-263.
- Kuusik, R., Uibu, M., Kirsimäe, K., Pototski, A., Meriste, T. Joint efforts for utilization of oil shale ash in new areas // International oil shale symposium : Tallinn, Estonia, June 10-13, 2013. [S.I.], 2013. p. 52.
- Kärber, E., Abass, A., Khelifi, S., Burgelman, M., Mere, A., Katerski, A., Krunks, M. Electrical characterization of nanostructured CIS solar cell prepared by chemical spray pyrolysis // NEXTGEN NANO PV : book of abstracts. [S.I.] : NanoSciences, 2013. p. 80-81.
- Kärber, E., Katerski, A.; Krunks, M. et al. Electrical characterization of all-layers-sprayed solar cell based on ZnO nanorods and extremely thin CIS absorber // Solar energy (2013) 91, p. 48-58.
- Kärner, K., Talviste, R., Viipsi, K., Kallavus, U. Enhancing the surface charge of BCTMP of aspen with supercritical CO₂ treatment // Baltic Polymer Symposium 2013 : Trakai, Lithuania, September 18-21, 2013 : programme [and abstracts]. Vilnius : Vilnius University, 2013. p. 87.
- Kärner, K., Talviste, R., Viipsi, K., Kallavus, U. Enhancing the surface charge of BCTMP of aspen with supercritical CO₂ treatment // TÜ ja TTÜ doktorikool "Funktionaalsed materjalid ja tehnoloogiad". [S.I.], 2013. [1] p.
- Lehner, J., Ganchev, M., Loorits, M., Revathi, N., Raadik, T., Raudoja, J., Grossberg, M., Mellikov, E., Volobujeva, O. Structural and compositional properties of CZTS thin films formed by rapid thermal annealing of electrodeposited layers // Journal of crystal growth (2013) 380, p. 236-240.
- Leinemann, I., Kaljuvee, T., Tönsuaadu, K., Altosaar, M. Reaction enthalpies of CZTSe synthesis in KI // Book of abstracts : 2nd Central and Eastern European Conference on Thermal Analysis and Calorimetry, 27-30 August 2013, Vilnius, Lithuania. [S.I.] : Central and Eastern European Committee for Thermal Analysis and Calorimetry, c2013. p. 297.
- Leinemann, I., Zhang, W., Kaljuvee, T., Tönsuaadu, K., Altosaar, M. Reaction enthalpies of the CZTSe synthesis in NaI // Book of abstracts : 2nd Central and Eastern European Conference on Thermal Analysis and Calorimetry, 27-30 August 2013, Vilnius, Lithuania. [S.I.] : Central and Eastern European Committee for Thermal Analysis and Calorimetry, c2013. p. 296.
- Lille, H., Kõo, J., Ryabchikov, A., Reitsnik, R., Mikli, V., Sergejev, F. Investigation of some properties of brush-plated gold and silver galvanic coatings // Proceedings of the 2nd International Conference Optimization and Analysis of Structures : Tartu, Estonia, August 25-27, 2013. Tartu : University of Tartu Press, 2013. p. 101-107.
- Luik, H., Luik, L., Palu, V., Tamvelius, H. Pyrolysis and supercritical water conversion of pine Pinus sylvestris ingredients // European Biomass Conference and Exhibition proceedings. [S.I.] : ETA-Florence Renewable Energies, 2013. p. 914-917.
- Luik, H., Palu, V., Luik, L., Šarajeva, G. Stepwise supercritical carbon dioxide extraction of Estonian oil shales in batch autoclave in temperature region 40-150 °C // Organic Geochemistry : Trends for the 21st Century : book of abstracts of the communications

presented to the 26th International Meeting on Organic Geochemistry, Costa Adeje, Tenerife - Spain, September 15-20, 2013. Vol. 2. [S.I.] : CSIC, 2013. p. 205-206.

Maticiu, N., Hiie, J. Annealing effect on CdS films : transition from glass to ITO // IOP conference series : materials science and engineering (2013) 49, p. 1-4.

Maticiu, N., Hiie, J., Raadik, T., Graf, A., Gavrilov, A. The role of Cl in the chemical bath on the properties of CdS thin films // Thin solid films (2013) 535, p. 184-187.

Maticiu, N., Hiie, J., Spalatu, N., Valdna, V. Reversibility of CdS film properties depending on the nature of annealing gas // E-MRS 2013 Spring Meeting. Symposium D, Advanced inorganic materials and structures for photovoltaics : poster session II. Strasbourg : European Materials Research Society, 2013. p. 15-16.

Maticiu, N., Spalatu, N., Katerski, A., Repan, T., Hiie, J. Incorporation of plasmonic Au nanoparticles inside the CdTe thin film absorber // NANOSMAT Conference, 22-25 September 2013, Granada, Spain : abstracts book. [S.I.], 2013. p. 341-342.

Meissner, D. Photovoltaics based on semiconductor powders // The Proceedings of the 1st International Porous and Powder Materials Symposium and Exhibition PPM 2013 : 3-6 September 2013 Çeşme Izmir-TURKEY. Izmir : Üç Adım Printing House, 2013. p. 405-416.

Meissner, D. Photovoltaics based on semiconductor powders // Materials and processes for energy : communicating current research and technological developments [E-book]. Badajoz : Formatec Research Center, 2013. p. 114-125. (Energy book series ; 1).

Mere, A., Katerski, A., Oja Acik, I., Dolgov, L., Sildos, I., Krunks, M. Modification of light absorption in thin CuInS₂ films by sprayed gold nanoparticles // NANOSMAT Conference, 22-25 September 2013, Granada, Spain : abstracts book. [S.I.], 2013.

Mere, A., Oja Acik, I., Otto, K., Krunks, M., Tõnsuaadu, K. Pihustuspürolüüsmeetodil saadestatud CuInS₂ kilede lähtearainete termiline lagunemine // XXXIII Eesti Keemipäevad : teaduskonverentsi teesid. Tallinn : Eesti Keemia Selts, 2013. lk. 46.

Meriste, T., Yörük, C.R., Trikkel, A., Kaljuvee, T., Kuusik, R. TG-FTIR analysis of oxidation kinetics of some solid fuels under oxy-fuel conditions // Journal of thermal analysis and calorimetry (2013) Vol. 114, 2, p. 483-489.

Mihhalevski, A., Nisamedtinov, I., Hälvin, K., Ošeka, A., Paalme, T. Stability of B-complex vitamins and dietary fibre during rye sourdough bread production // Journal of cereal science (2013) Vol. 57, 1, p. 30-38.

Moiseev, A., Kritševskaja, M., Qi, F., Weber, A.P., Deubener, J. Analysis of photocatalytic performance of nanostructured pyrogenic titanium dioxide powders in view of their polydispersity and phase transition : critical anatase particle size as a factor for suppression of charge recombination // Chemical engineering journal (2013) 228, p. 614-621.

Munter, R. Technology for the removal of radionuclides from natural water and waste management : state of the art // Proceedings of the Estonian Academy of Sciences (2013) Vol. 62, 2, p. 122-132.

Muska, K., Kauk-Kuusik, M., Grossberg, M., Altosaar, M., Pilvet, M., Varema, T., Timmo, K., Volobujeva, O., Mere, A. Impact of Cu₂ZnSn(SexS_{1-x})₄ (x=0.3) compositional ratios on the monograin powder properties and solar cells // Thin solid films (2013) 535, p. 35-38.

Oja Acik, I., Krunks, M., Mere, A., Otto, K., Mikli, V. Effect of titanium(IV)isopropoxide and acetylacetone molar ratio in the solution on spray deposited TiO₂ films // TÜ ja TTÜ doktorikool "Funktionaalsed materjalid ja tehnoloogiad". [S.l.], 2013. [1] p.

Oja Acik, I., Otto, K., Krunks, M., Tõnsuaadu, K., Mere, A. Thermal behaviour of precursors for CuInS₂ thin films deposited by spray pyrolysis // Journal of thermal analysis and calorimetry (2013) Vol. 113, 3, p. 1455-1465.

Oja, V. Molecular weight parameters of oil shale pyrolysis products // 246th ACS National Meeting and Exposition, September 8-12, 2013, Indianapolis, Indiana : [book of abstracts]. [S.l.] : American Chemical Society, 2013. [1] p.

Oja, V. Thermodynamic and transport properties of liquid products from oil shale pyrolysis // Abstracts of the XIX International Conference on Chemical Thermodynamics in Russia (RCCT-2013) : Moscow, June 24–28, 2013. Москва : МИTXT, 2013. p. 13.

Oja, V. Molecular weight parameters of oil shale pyrolysis products // Energy & Fuels Preprints : presented at the 246th ACS National Meeting & Exhibition 2013. [S.l.] : American Chemical Society, 2013. p. 656-657. (Energy & fuels preprints ; 58, 2).

Otto, K., Krunks, M., Oja Acik, I., Tõnsuaadu, K. Thermal decomposition study of HAuCl₄·3H₂O and AgNO₃ as precursors for plasmonic metal nanoparticles // Book of abstracts : 2nd Central and Eastern European Conference on Thermal Analysis and Calorimetry, 27-30 August 2013, Vilnius, Lithuania. [S.l.] : Central and Eastern European Committee for Thermal Analysis and Calorimetry, c2013. p. 298.

Otto, K., Oja Acik, I., Krunks, M., Tõnsuaadu, K. Au ja Ag nanoosakeste saamiseks kasutatavate lähteinete HAuCl₄·3H₂O ja AgNO₃ termilise lagunemise uurimine // XXXIII Eesti Keemipäevad : teaduskonverentsi teesid. Tallinn : Eesti Keemia Selts, 2013. lk. 55.

Oyekoya, G., Oja Acik, I., Krunks, M. Optical and structural properties of TiO₂ thin films by chemical spray // Proceedings of CYSENI 2013 : the 10th Annual Conference of Young Scientists on Energy Issues, May 29-31, 2013, Kaunas, Lithuania. Kaunas : Lithuanian Energy Institute, 2013. p. 464-471.

Petkova, V., Serafimova, E., Kaljuvee, T., Pelovsky, Y. Thermochemical characterization of chicken litter and peat as a source for energy recovery // Journal of thermal analysis and calorimetry (2013) Vol. 113, 2, p. 683-692.

Podoba, R., Kaljuvee, T., Štubna, I., Podobnik, L. Application of thermal analyses for historical building ceramics // Book of abstracts : 2nd Central and Eastern European Conference on Thermal Analysis and Calorimetry, 27-30 August 2013, Vilnius, Lithuania. [S.l.] : Central and Eastern European Committee for Thermal Analysis and Calorimetry, c2013. p. 291.

Preis, S., Klauson, D., Gregor, A. Potential of electric discharge plasma methods in abatement of volatile organic compounds originating from food industry // Journal of environmental management (2013) 114, p. 125-138.

Preis, S., Panorel, I., Kornev, I., Hatakka, H., Kallas, J. Pulsed corona discharge : the role of ozone and hydroxyl radical in aqueous pollutants oxidation // Water science & technology (2013) Vol. 68, 7, p. 1536–1542.

Pronina, N., Moiseev, A., Kritševskaja, M., Klauson, D. Titaandiokiidi kinnitamine keramiidi pinnale : katete fotokatalütilise aktiivsuse määramine dokstsütsüklini lagundamisel ning kinnitusmeetodi optimeerimine // XXXIII Eesti Keemipäevad : teaduskonverentsi teesid. Tallinn : Eesti Keemia Selts, 2013. lk. 61.

- Raadik, T., Grossberg, M., Raudoja, J., Traksmaa, R., Krustok, J. Temperature-dependent photoreflectance of SnS crystals // Journal of physics and chemistry of solids (2013) Vol. 74, 12, p. 1683-1685.
- Raadik, T., Krustok, J., Josepson, R., Hiie, J., Potlog, T., Spalatu, N. Temperature dependent electroreflectance study of CdTe solar cells // Thin solid films (2013) 535, p. 279-282.
- Revathi, N., Bereznev, S., Iljina, J., Safonova, M., Mellikov, E., Volobujeva, O. PVD grown SnS thin films onto different substrate surfaces // Journal of materials science : materials in electronics (2013) Vol. 24, 12, p. 4739-4744.
- Salmimies, R., Huhtanen, M., Kallas, J., Häkkinen, A. The solubility of two magnetite powders in oxalic acid : applicability of empirical modelling // Journal of powder technology (2013) 2013, p. 1-7.
- Salmimies, R., Kallas, J. et al. The scaling and regeneration of the ceramic filter medium used in the dewatering of a magnetite concentrate // International journal of mineral processing (2013) 119, p. 21-26.
- Savest, N., Oja, V. Heat capacity of kukersite oil shale : literature overview // Oil shale (2013) Vol. 30, 2, p. 184-192.
- Shirokova, V., Laas, T., Mikli, V. et al. Comparison of damages in tungsten and tungsten doped with lanthanum-oxide exposed to dense deuterium plasma shots // Journal of nuclear materials (2013) Vol. 435, 1-3, p. 181-188.
- Soon, J., Krunks, M., Mikli, V. Properties of NiO thin films prepared by chemical spray pyrolysis // Proceedings of CYSENI 2013 : the 10th Annual Conference of Young Scientists on Energy Issues, May 29-31, 2013, Kaunas, Lithuania. Kaunas : Lithuanian Energy Institute, 2013. p. 510-518.
- Soon, J., Krunks, M., Mikli, V., Unt, T., Mere, A. NiO thin films deposited by chemical spray pyrolysis // NANOSMAT Conference, 22-25 September 2013, Granada, Spain : abstracts book. [S.I.], 2013.
- Spalatu, N., Caraman, M., Maticiuc, N., Hiie, J., Valdna, V., Mikli, V., Lugh, V. Properties of the CdCl₂:O₂ treated CSS CdTe thin films // E-MRS 2013 Spring Meeting. Symposium D, Advanced inorganic materials and structures for photovoltaics : poster session II. Strasbourg : European Materials Research Society, 2013. p. 19.
- Stankevičiute, Z., Tõnsuaadu, K., Bogdanovičiene, I., Kareiva, A. Precursor for calcium hydroxyapatite : thermal analysis of xerogel prepared with DCTA as complexing agent // European Symposium on Biomaterials and related Areas : 23.-24. April 2013, Weimar, Germany : [conference abstracts]. Weimar : Deutsche Gesellschaft für Materialkunde e.V., 2013. [1] p.
- Stankevičiute, Z., Tõnsuaadu, K., Bogdanovičiene, I., Kareiva, A. Thermal analysis of xerogel for calcium hydroxyapatite thin films preparation // Book of abstracts of the 15th International Conference-School Advanced materials and technologies : 27-31 August 2013, Palanga, Lithuania. Kaunas : Technologija Kaunas, 2013. p. 128.
- Sõritski, V., Reut, J., Tretjakov, A., Öpik, A., Hinrichs, K., Rappich, J. Poly(m-phenylenediamine) thin films molecularly imprinted with antibiotics as a recognition material for biosensor application // Polymers for advanced technologies (2013) Vol. 24, S1, p. 153.

Šarajeva, G., Palu, V., Kruusement, K., Jurjeva, J., Luik, L. Water conversion of dictyonema oil shale in the presence of reagents // International oil shale symposium : Tallinn, Estonia, June 10-13, 2013. [S.I.], 2013. p. 68-69.

Šarajeva, G., Palu, V., Kruusement, K., Luik, L. Diktüoneema põlevkivi vesikonversioon reagentide juuresolekul // XXXIII Eesti Keemipäevad : teaduskonverentsi teesid. Tallinn : Eesti Keemia Selts, 2013. lk. 68.

Šumigin, D., Tarasova, E., Krumme, A., Viikna, A. Influence of cellulose stearate (CS) content on thermal and rheological properties of poly(lactic acid)/CS composites // Baltic Polymer Symposium. [S.I.] : Trans Tech Publications, 2013. p. 99-104. (Key engineering materials ; 559).

Zaidentsal, A. Investigation of the thermobituminization of Estonian oil shale in open and closed systems : [defence of the doctoral thesis] // Oil shale (2013) Vol. 30, 1, p. 94.

Zhang, X., Sõritski, V., Reut, J. et al. Electrochemical reduction of aryl diazonium salts for ultrathin polymeric layers on au and Si surfaces // Baltic Polymer Symposium 2013 : Trakai, Lithuania, September 18-21, 2013 : programme [and abstracts]. Vilnius : Vilnius University, 2013. p. 29.

Zhang, X., Sõritski, V., Sun, G., Hinrichs, K., Rappich, J. Investigation of the silicon/polypyrrole interface by pulsed photoluminescence and IR spectroscopic ellipsometry during electrochemical deposition // Polymers for advanced technologies (2013) Vol. 24, S1, p. 171.

Zhang, X., Tretjakov, A., Hovestädt, M., Sun, G., Sõritski, V., Reut, J., Volkmer, R., Hinrichs, K., Rappich, J. Electrochemical functionalization of gold and silicon surfaces by a maleimide group as a biosensor for immunological application // Acta biomaterialia (2013) Vol. 9, 3, p. 5838-5844.

Tamm, K., Kuusik, R., Uibu, M., Kallas, J. Transformations of sulfides during aqueous carbonation of oil shale ash // Energy procedia (2013) 37, p. 5905-5912.

Tamm, K., Kuusik, R., Uibu, M., Kallas, J. Behaviour of sulfur compounds during aqueous leaching of oil shale ash // Proceedings of the 4th International Conference on Accelerated Carbonation for Environmental and Materials Engineering : ACEME 2013 : April 9-12, 2013, Leuven, Belgium. Leuven : Ku Leuven, 2013. p. 541-545.

Tamm, K., Kuusik, R., Uibu, M., Kallas, J., Priks, H. The sulfur intermediate oxidation forms in oil shale ash suspension // TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad". [S.I.], 2013. [1] p.

Tamm, K., Uibu, M., Kuusik, R., Kallas, J. Väävliühendid põlevkivituha märgkarboniseerimisel // XXXIII Eesti Keemipäevad : teaduskonverentsi teesid. Tallinn : Eesti Keemia Selts, 2013. lk. 78.

Tamvelius, H. Enn Siimer 25.04.1936-07.11.2012 : in memoriam // Tallinna Tehnikaülikooli aastaraamat 2012. [Tallinn] : TTÜ kirjastus, 2013. lk. 322-324.

Tarasova, E., Kudrjašova, M., Krumme, A. Preparation of cellulose mix-esters and cellulose esters/MWCNT composites in ionic liquids // EUPOC-2013 : Polymers and Ionic Liquids, 1-5 September 2013, Gargnano, Italy. [S.I.], 2013.

Tarasova, E., Šumigin, D., Kudrjašova, M., Krumme, A. Preparation of cellulose stearate and cellulose acetate stearate in 1-butyl-3-methylimidazolium chloride // Baltic Polymer

Symposium. [S.I.] : Trans Tech Publications, 2013. p. 105-110. (Key engineering materials ; 559).

Tedersoo, E. Toidu sensoorsel analüüsil on kaalukausil maitse, lõhn ja välimus // Horisont (2013) 2, lk. 48-54.

Tiikma, L., Biene, T., Bitjukov, M., Vink, N. Vedelkütus olmejäätmest // XXXIII Eesti Keemiatänavad : teaduskonverentsi teesid. Tallinn : Eesti Keemia Selts, 2013. lk. 79.

Tiikma, L., Biene, T., Bitjukov, M., Vink, N. Co-pyrolysis of oil shale with refuse-derived fuel // International oil shale symposium : Tallinn, Estonia, June 10-13, 2013. [S.I.], 2013. p. 69-70.

Timberg, L., Koppel, K., Kuldjärv, R., Chambers IV, E., Soontrunnarudrungsr, A., Suwonsichon, S., Paalme, T. Seasoned spratproducts acceptance in Estonia and in Thailand // Journal of aquatic food product technology (2013) p. 1-40.

Timmo, K., Kauk-Kuusik, M., Altosaar, M., Raudoja, J., Raadik, T., Grossberg, M., Varema, T., Pilvet, M., Leinemann, I., Volobujeva, O., Mellikov, E. Novel Cu₂CdSnS₄ and Cu₂ZnGeSe₄ absorber materials for monograin layer solar cell application // EU PVSEC proceedings. [S.I.] : WIP, 2013. p. 2385-2388.

Tomson, T. Transient processes of solar radiation // Theoretical and applied climatology (2013) Vol. 112, 3-4, p. 403-408.

Tomson, T. Hajukiirgus Eestis // TEUK XV : taastuvate energiaallikate uurimine ja kasutamine : viiteistkümnenda konverentsi kogumik : Tartu, Estonia, 2013. Tartu : Eesti Maaülikool, 2013. lk. 86-95.

Tomson, T. Pilvealune päikesekiirgus // Keskkonnatehnika (2013) 1, lk. 32-33.

Trapido, M., Dulova, N., Epold, I., Bolobajev, J. Emerging micropollutants in water/wastewater : growing demand on removal technologies // Proceedings of 3rd European Conference on Environmental Applications of Advanced Oxidation Processes (EAAOP3) : Almería, Spain, October 27-30, 2013. [S.I.], 2013. p. P171-1 - P171-3.

Tretjakov, A., Sõritski, V., Reut, J., Boroznjak, R., Volobujeva, O., Öpik, A. Surface molecularly imprinted polydopamine films for recognition of immunoglobulin G // Microchimica acta (2013) Vol. 180, 15-16, p. 1433-1442.

Tretjakov, A., Sõritski, V., Reut, J., Zhang, Y., Öpik, A. Electrosymtehsized molecularly imprinted polymer thin films for antibiotics detection in aqueous solutions // Graduate Student Symposium on Molecular Imprinting 2013 : symposium programme and book of abstracts. [S.I.], 2013. p. 35.

Tretjakov, A., Sõritski, V., Reut, J., Zhang, Y., Öpik, A., Hinrichs, K., Rappich, J. Molecularly imprinted poly(m-phenylenediamine) films as a sensing layer for antibiotic detection // Baltic Polymer Symposium 2013 : Trakai, Lithuania, September 18-21, 2013 : programme [and abstracts]. Vilnius : Vilnius University, 2013. p. 41.

Tönsuaadu, K., Bogdanoviciene, I., Traksmaa, R. Purity test of precipitated apatites by TG/DTA/EGA-MS // Book of abstracts : 2nd Central and Eastern European Conference on Thermal Analysis and Calorimetry, 27-30 August 2013, Vilnius, Lithuania. [S.I.] : Central and Eastern European Committee for Thermal Analysis and Calorimetry, c2013. p. 232.

Tönsuaadu, K., Bogdanoviciene, I., Traksmaa, R., Kareiva, A. Synthesis of cationic substituted biomimetic apatites by precipitation // International Symposium on Inorganic and

Environmental Materials 2013 : program and abstracts, October 27-31, 2013, Rennes, France. [S.I.], 2013. p. 206.

Tõnsuaadu, K., Gruselle, M., Moussa, J., Villemin, D., Maaten, B., Kanger, T. Modified calcium apatites as new catalysts in organic synthesis // International Symposium on Inorganic and Environmental Materials 2013 : program and abstracts, October 27-31, 2013, Rennes, France. [S.I.], 2013. p. 277.

Uibu, M., Kuusik, R. Physicochemical factors affecting aqueous carbonation of oil shale ash // Proceedings of the 4th International Conference on Accelerated Carbonation for Environmental and Materials Engineering : ACEME 2013 : April 9-12, 2013, Leuven, Belgium. Leuven : Ku Leuven, 2013. p. 295-304.

Uibu, M., Kuusik, R. Carbon capture and fixation using lime-containing wastes : the influence of aqueous phase composition on Ca dissolution from oil shale ash // Energy procedia (2013) 37, p. 5913-5920.

Unt, T., Kriisa, M., Mere, A., Krunks, M. Optical properties of sprayed ZnO thin films // Proceedings of CYSENI 2013 : the 10th Annual Conference of Young Scientists on Energy Issues, May 29-31, 2013, Kaunas, Lithuania. Kaunas : Lithuanian Energy Institute, 2013. p. 482-489.

Velts, O., Uibu, M., Kallas, J., Kuusik, R. Co-utilization of CO₂ and oil shale combustion wastes for production of PCC-type material // 12th International Conference on Carbon Dioxide Utilization : ICCDU XII 2013 : June 23-27, 2013, Alexandria, VA, USA, Westin Hotel. [S.I.], 2013. p. 230.

Velts, O., Uibu, M., Kallas, J., Kuusik, R. Efforts in oil shale ash indirect carbonation accompanied by PCC-type material formation // Proceedings of the 4th International Conference on Accelerated Carbonation for Environmental and Materials Engineering : ACEME 2013 : April 9-12, 2013, Leuven, Belgium. Leuven : Ku Leuven, 2013. p. 341-348.

Velts, O., Uibu, M., Kallas, J., Kuusik, R. CO₂ mineralisation : concept for co-utilization of oil shale energetics waste streams in CaCO₃ production // Energy procedia (2013) 37, p. 5921-5928.

Vene, K., Seisonen, S., Koppel, K., Leitner, E., Paalme, T. A method for GC-olfactometry panel training // Chemosensory perception (2013) Vol. 6, 4, p. 179-189.

Viiard, E., Mihhalevski, A., Rühka, T., Paalme, T., Sarand, I. Evaluation of the microbial community in industrial rye sourdough upon continuous back-slopping propagation revealed Lactobacillus helveticus as the dominant species // Journal of applied microbiology (2013) Vol. 114, 2, p. 404-412.

Viikna, A., Süld, T.-M., Kuusik, R. Prospects for use of oil shale fly ash as filler in polymeric compounds // International oil shale symposium : Tallinn, Estonia, June 10-13, 2013. [S.I.], 2013. p. 77.

Viipsi, K., Sjöberg, S., Tõnsuaadu, K., Shchukarev, A. Hydroxy- and fluorapatite as sorbents in Cd(II)-Zn(II) multi-component solutions in the absence/presence of EDTA // Journal of hazardous materials (2013) 252-253, p. 91-98.

Viipsi, K., Sjöberg, S., Tõnsuaadu, K., Shchukarev, A. Cd²⁺ and Zn²⁺ sorption on apatite in the presence of EDTA and humic substance // Proceedings of the 16th International Conference on Heavy Metals in the Environment : Rome, Italy, September 23-27, 2012. [S.I.] : EDP Sciences, 2013. p. 01008-p.1-01008-p.4. (E3S Web of Conferences ; 1).

Viisimaa, M., Bolobajev, J., Goi, A. Ozonation and ultrasound-assisted advanced oxidation processes for degradation of polychlorinated biphenyls in soil // Ozone and related oxidants in : safe water along its cycle : April 23-24, 2013, Berlin, Germany. [S.I.] : International Ozone Association, 2013. p. 3.1-1 - 3.1-7.

Viisimaa, M., Bolobajev, J., Trapido, M., Goi, A. Chlorinated hydrocarbons contaminated soil treatment by chemical oxidation // Proceedings of 3rd European Conference on Environmental Applications of Advanced Oxidation Processes (EAAOP3) : Almería, Spain, October 27-30, 2013. [S.I.], 2013. p. O26-1 - O26-3.

Viisimaa, M., Bolobajev, J., Trapido, M., Goi, A. Ozonation and ultrasound-assisted advanced oxidation processes for degradation of polychlorinated biphenyls in soil // TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad". [S.I.], 2013. [1] p.

Viisimaa, M., Karpenko, O., Novikov, V., Trapido, M., Goi, A. Influence of biosurfactant on combined chemical–biological treatment of PCB-contaminated soil // Chemical engineering journal (2013) 220, p. 352-359.

Vokk, R. Kuidas köhtu täita? : [vastab R.Vokk] // Eesti Naine (2013) juuni, lk. 76.

Vokk, R. Grillime targalt ja tervislikult : [nõu annab R.Vokk] // Elukiri (2013) 6, lk. 52-53.

Volobujeva, O., Bereznev, S., Raudoja, J., Otto, K., Pilvet, M., Mellikov, E. Synthesis and characterisation of Cu₂ZnSnSe₄ thin films prepared via a vacuum evaporation-based route // Thin solid films (2013) 535, p. 48-51.

Öpik, A., Reut, J., Sõritski, V., Tretjakov, A. Biotundlikud süsteemid molekulaarselt jälgendatud elektrit juhtivatest polümeeridest // Tallinna Tehnikaülikooli aastaraamat 2012. [Tallinn] : TTÜ kirjastus, 2013. lk. 40-44.

Yörük, C.R., Meriste, T., Trikkel, A., Kuusik, R. Kinetics of oil shale thermo-oxidation under oxy-fuel conditions // 7th Trondheim Conference on CO₂ Capture, Transport and Storage, TCCS-7 : Trondheim, Norway, June 4-6, 2013 : [abstracts]. [S.I.], 2013. [2] p.

MAJANDUSTEADUSKOND

Raamatud

Aasma, A., Levin, A. Matemaatilised meetodid majanduses. [Tallinn] : Argo, c2013. 270 lk.

Alcantara, P. de ; (tlk.). Kaljund, K. Alexanderi tehnika : oskus kogu eluks. [Tallinn] : Valgus, c2013. 165, [2] lk.

Alver, J. (toim.). Audit, maksud, raamatupidamine ja majandusanalüüs. II. Tallinn : TTÜ kirjastus, 2013. 95 lk.

Alver, J., Lõokene, I. (koost.). Uno Mereste : bibliograafia. Tallinn : Tallinna Tehnikaülikooli majandusteaduskond, 2013. 81 lk.

Alver, J. (toim. ja koost.). Uno Mereste kaasaegsete mälestustes. [Tallinn] : TTÜ majandusteaduskond, 2013. 189, [1] lk.

Arro, T., Küttim, M., Põder, K., Venesaar, U. jt. Globaalne ettevõtlusmonitooring 2012. Eesti raport. Tallinn : Eesti Arengufond, 2013. 80 lk.

Du Caju, P., Kosma, T., Lawless, M., Messina, J., Rõõm, T. Why firms avoid cutting wages : survey evidence from European firms. [Tallinn] : Eesti Pank, 2013. 34 p. (Working paper series / Eesti Pank ; 2/2013).

Fayolle, A., Kyrö, P., Mets, T., Venesaar, U. (eds.). Conceptual richness and methodological diversity in entrepreneurship research. Cheltenham : Edward Elgar, c2013. x, 333 p. (European research in entrepreneurship series).

Gendorf, K., Bobrov, K., Prööm, R. [et al.] (koost.). Raoul Üksvärv : publikatsioonid. Organisatsioon ja juhtimine 50. Meenutused algaastaist. Tallinn : TTÜ kirjastus, 2013. 178 lk.

Hazak, A. (ed.). 5th International Conference "Economic challenges in enlarged Europe" : conference proceedings : 16-18 June 2013, Tallinn, Estonia [Electronic resource]. Tallinn : Tallinna Tehnikaülikool, 2013. CD-ROM + 1 konverentsi kava [8 lk.]

Järv, M. Assessment of the contribution of safety knowledge to sustainable safety management systems in Estonian SMEs = Ohutusteadmiste hindamine ohutusjuhtimises jätkusuutlikkuse tagamiseks Eesti väikestes ja keskmistes ettevõtetes. Tallinn : TUT Press, 2013. 230 p. (Theses of Tallinn University of Technology. H, Thesis on Economics ; 36).

Kallakmaa-Kapsta, A. Before and after the boom : changes in the Estonian housing market = Muutused Eesti eluasemeturul enne ja pärast buumi. Tallinn : TUT Press, 2013. 132 p. (Theses of Tallinn University of Technology. H, Thesis on economics ; 32).

Kalle, E. Tootlikkusealane evolutsioon Eestis. Tallinn : Tallinna Tehnikaülikooli kirjastus, 2013. 244 lk.

Kirch, A., Müürsepp, P. (eds.). Baltic journal of European studies. Vol. 3, 1-3. [Tallinn] : Versita, 2013. 171 p.

Kolbre, E., Iisjan, V., Tiits, T., Tomson, A. (koost.). Vara hindamine. Osa 10, Andmete kogumine ja analüüs, vara ülevaatus = Property valuation. Part 10, Data collection and analysis, property inspection [Võrguteavik]. Tallinn : Eesti Standardikeskus, 2013. (Eesti standard ; EVS 875-10:2013).

Ling, H. Developing an assessment measure for enhancing entrepreneurship education through a metacognitive approach = Hindamismeetodi arendamine ettevõtlusõppe taseme tõstmiseks metakognitiivsete võimete täiustamise kaudu. Tallinn : TUT Press, 2013. 168 p. (Theses of Tallinn University of Technology. H, Thesis on economics ; 34).

Müürsepp, P. (ed.). Acta Baltica historiae et philosophiae scientiarum. Vol. 1, 1, 2. Tallinn : Estonian Association on the History and Philosophy of Science, 2013. 133, 112 p.

Notermans, T. Reforming finance : a literature review. [Brussels], 2013. 91 p. (FESSUD : financialisation, economy, society & sustainable development : working paper series ; 8).

Parts, O. (koost. ja toim.). Majandusteaduskonna Üliõpilaste Teaduslik Ühing (MÜTÜ) esitleb : TTÜ Majandusteaduskonna üliõpilaste ja vilistlaste teadustööde konverentsile nr. 7 esitatud tööde kokkuvõtete kogumik : 3. mai 2013 kell 10.00-17.00 X-211C. Tallinn : [Tallinna Tehnikaülikool], 2013. 93 lk.

Prause, G., Venesaar, U., Kersten, W. (eds.). International business – Baltic business development : Tallinn 2013. Frankfurt am Main : Peter Lang, 2013. 327 p.

Ramiro Troitino, D. (ed.). European integration : building Europe. New York : Nova Science Publishers, 2013. xii, 352 p. (European political economic and security issues).

Ramiro Troitino, R. ; (ed.) Ramiro Troitino, D. *Curso de español : niveles A1 y A2 : método de español para extranjeros.* [Tallinn : Centro Picasso, 2013]. 198 p.

Varrak, T. (koost. ja toim.). *Poliitika, riigiteadus, rahvusvahelised suhted.* Nr. 5 (14). Tallinn : Tallinna Tehnikaülikooli rahvusvaheliste suhete instituut, Tallinna Tehnikaülikooli kirjastus, 2013. 236 lk.

Venesaar, U. (ed.). *Research in economics and business : Central and Eastern Europe.* Vol. 5, 1. Tallinn : Tallinn University of Technology, 2013. 62 p.

Voolaid, K. *Measurement of organizational learning of business schools = Ärikkoolide organisatsioonilise õppivuse mõõtmine.* Tallinn : TUT Press, 2013. 152 p. (Theses of Tallinn University of Technology. H, Thesis on economics ; 33).

Übi, E., Keres, K. *Rakendusmatemaatika : õpik kõrgkoolidele.* Tallinn : TTÜ kirjastus, 2013. 380 lk.

Artiklid

Aarma, A. Meenutusi õpetajast : [Uno Mereste'st] // Uno Mereste kaasaegsete mälestustes. [Tallinn] : TTÜ majandusteaduskond, 2013. lk. 11-16.

Aasma, A. Matrix transforms of A-statistically convergent sequences with speed // *Filomat* (2013) 27(8), p. 1385-1392.

Aasma, A. Characterization of A-statistical convergence with speed // Kangro – 100 : methods of analysis and algebra : international conference dedicated to the centennial of professor Gunnar Kangro : Tartu, Estonia, September 1-6, 2013 : book of abstracts. Tartu : Estonian Mathematical Society, 2013. p. 42.

Aasma, A. On A-statistical convergence with speed // IECMSA 2013 : Second International Eurasian Conference on Mathematical Sciences and Applications : August 26-29, 2013, Sarajevo, Bosnia and Herzegovina : abstract book. [S.l.] : IECMSA, 2013. p. 53.

Ahi, K. Banking competition in Central and Eastern European loan markets : an empirical estimation [Electronic resource] // 5th International Conference "Economic challenges in enlarged Europe" : conference proceedings : 16-18 June 2013, Tallinn, Estonia. Tallinn : Tallinna Tehnikaülikool, 2013. [CD-ROM].

Alver, J. *Kameraalraamatupidamine ; Kameralistika ; Kanban ; Kapitali hind ; Kapitaliosaluse meetod ; Kapitalisatsioon ; Kapitaliseerimine ; Kaplan ; Karussellskeem ; Kassa ; Kassapõhine arvestus ; Kasumiaruanne ; Kasumikeskus ; Kasumilävi ; Keiretsu ; Kendall ; Kinnisvarainvesteering ; Kirjendamine* // TEA entsüklopeedia. 10. köide, Kallas – klarnet. Tallinn : TEA Kirjastus, 2013. lk. 30, 51, 75, 77, 134, 154, 161, 325, 342.

Alver, J. Kokkupuudetest Uno Merestega mitme kandi pealt // Uno Mereste kaasaegsete mälestustes. [Tallinn] : TTÜ majandusteaduskond, 2013. lk. 22-26.

Alver, J. Juubilar Evi Kitvel // Audit, maksud, raamatupidamine ja majandusanalüüs. II. Tallinn : TTÜ kirjastus, 2013. lk. [4].

Альвер, Я. О переводе на русский язык английских бизнес и экономических терминов, включающих слово «капитал» // Бухгалтерский учет : взгляд из прошлого в будущее : международная научная конференция II Соколовские чтения : тезисы докладов. Санкт-Петербург : Санкт-Петербургский государственный университет, 2013. с. 310-313.

Alver, J., Alas, R., Branten, M. Profitability measurement activities and attitudes in Estonian companies // 36th Annual Congress of the European Accounting Association : 6-8 May 2013, Paris, France : Doctoral Colloquium, 2-5 May 2013, Paris France. Paris : European Accounting Association, 2013. p. 1-15.

Alver, J., Alver, L. Accounting education at Tartu University in 1632-1940 // Accounting : view from the past into the future. Saint-Petersburg : Saint Petersburg State University, 2013. p. 89-99.

Альвер, Я., Альвер, Л. Бухгалтерское образование в Университете Тарту в 1632–1940 // Бухгалтерский учет : взгляд из прошлого в будущее : международная научная конференция II Соколовские чтения : тезисы докладов. Санкт-Петербург : Санкт-Петербургский государственный университет, 2013. с. 67-70.

Alver, J., Startseva, E. On some theoretical developments and applications of system integrated analysis methodology for evaluation of a business entity's performance // Proceedings of the 3rd Annual International Conference on Accounting and Finance (AF 2013) : 20-21 May 2013, Bangkok, Thailand. [S.l.] : GSTF, 2013. p. 130-133.

Alver, L., Alver, J. Mõningaid ääremärkusi Euroopa Liidu uuele raamatupidamisdirektiivile // Audit, maksud, raamatupidamine ja majandusanalüüs. II. Tallinn : TTÜ kirjastus, 2013. lk. 13-25.

Alver, L., Alver, J., Talpas, L. Institutional pressures and the role of the state in designing the financial accounting and reporting model in Estonia // Accounting in Central and Eastern Europe. Bingley : Emerald, c2013. p. 91-120. (Research in accounting in emerging economies ; 13).

Alver, L., Alver, J., Talpas, L. Accounting policy and institutional pressures : the case of Estonia // GSTF journal on business review (GBR) (2013) Vol. 3, 1, p. 1-7.

Alver, L., Thomsen, J., Alver, J., Sundgaard, E., Talpas, L. Accounting policy and institutional pressures in subsidiaries : the case of Estonia // Proceedings of the 3rd Annual International Conference on Accounting and Finance (AF 2013) : 20-21 May 2013, Bangkok, Thailand. [S.l.] : GSTF, 2013. p. 118-121.

Arro, T., Elenurm, T., Liigus, E., Masso, J., Mets, T., Reino, A., Põder, K., Venesaar, U. Globaalne ettevõtlusmonitooring 2012 : Eesti raporti kokkuvõte // Eesti Majanduse Teataja (2013) 3, lk. 22-24.

Aru, E. Niši leidmine : nutikad lumesahad // Forbes (2013) märts, lk. 20-21.

Aru, E. Tulevikule mõeldes // Forbes (2013) märts, lk. 24-26.

Aru, E. Autogaasitanklate arv kahekordistub // Forbes (2013) apr., lk. 17.

Aru, E. Muutuste tuules // Forbes (2013) apr., lk. 24-26.

Aru, E. Kingad sulle, ainult sulle // Forbes (2013) apr., lk. 84-87.

Aru, E. Mustamäe mändide alt Iraagi kõrbesse : [A.Taklaja firmast Rantelon] // Forbes (2013) jaan., lk. 24-26.

Aru, E. Teadus- ja arendusrahad voolavad betooni // Forbes (2013) veebr., lk. 16.

Avarmaa, M., Hazak, A., Männasoo, K. Does leverage affect labour productivity? : a comparative study of local and multinational companies of the Baltic countries // Journal of business economics and management (2013) Vol. 14, 2, p. 252-275.

Beifert, A., Maknyte, L., Pause, G. Sustainable supply chain management issues : case of regional SMEs' involvement in the air cargo // Journal of security and sustainability issues (2013) Vol. 3, 2, p. 41-52.

Beifert, A., Maknyte, L., Pause, G. SMEs behavior in the air cargo supply chain : engagement, performance and strategy. A regional approach on SMEs practices and future directions in Mecklenburg-Vorpommern // Social Sustainability and Economic Security : The Agenda for Entrepreneurship in the 21st Century. Southend-on-Sea : Centre for Entrepreneurship Research, 2013. p. 13.01-13.20. (Proceedings of the International Entrepreneurship Forum ; 12).

Брагина, Л. Роль математики в формировании компетенций военнонного специалиста // Военно-образовательные учреждения : история, современность, вклад в науку и культуру : материалы международной научной конференции, посвященной 200-летию Омского кадетского корпуса (Омск, 16 мая 2013 г.). Том I. Омск : Издатель-Полиграфист, 2013. с. 81-86.

Branten, E., Purju, A. Innovative financial instruments in EU funding schemes // Baltic journal of European studies (2013) Vol. 3, 1(13), p. 121-135.

Chaban, N., Vernygora, V. The EU in the eyes of Ukrainian general public : potential for EU public diplomacy? // Baltic journal of European studies (2013) Vol. 3, 2(14), p. 68-95.

Cuestas, J.C., Staehr, K. Fiscal shocks and budget balance persistence in the EU countries from Central and Eastern Europe // Applied economics (2013) 45(22), p. 3211-3219.

Ehrlich, Ü. Soovitan raamatut : [J. Diamond. Püssid, pisikud ja teras] // Loodusesõber (2013) 1, lk. 62-63.

Ehrlich, Ü., Roodi, M. Dilemma in Estonian renewable energy policy : do state subsidies meet public preferences? // International journal of energy (2013) 7(3), p. 59-65.

Fabriova, K. Venemaa välis- ja julgeolekupoliitilised kavatsused Arktikas // Maailma vaade (2013) 19, lk. 25-29.

Fayolle, A., Kyrö, P., Mets, T., Venesaar, U. Introduction : entrepreneurial research - towards conceptual richness and methodological diversity // Conceptual richness and methodological diversity in entrepreneurship research. Cheltenham : Edward Elgar, c2013. p. 1-11. (European research in entrepreneurship series).

Filipozzi, F., Staehr, K. Covered interest parity and the global financial crisis in four Central European countries // Eastern European economics (2013) 51(1), p. 21-35.

Gerndorf, K. Saateks // Raoul Üksvärv : publikatsioonid. Organisatsioon ja juhtimine 50. Meenutused algaastaist. Tallinn : TTÜ kirjastus, 2013. lk. 7-8.

Gerndorf, K. 46 aastat organisatsiooni ja juhtimisega // Raoul Üksvärv : publikatsioonid. Organisatsioon ja juhtimine 50. Meenutused algaastaist. Tallinn : TTÜ kirjastus, 2013. lk. 79-88.

Gerndorf, K. (koost.). Tööstuse juhtimise ja planeerimise kateedri töötajad : [nimekiri] // Raoul Üksvärv : publikatsioonid. Organisatsioon ja juhtimine 50. Meenutused algaastaist. Tallinn : TTÜ kirjastus, 2013. lk. 89-90.

Gurvitš, N., Startseva, E. Ettevõtte ühiskondlikku vastutust küsitleva informatsiooni avalikustamine Eesti suurimate jaekaubandusettevõtete poolt // Audit, maksud, raamatupidamine ja majandusanalüüs. II. Tallinn : TTÜ kirjastus, 2013. lk. 33-39.

Hack, A., Maknyte, L., Prause, G. Design management and entrepreneurship : current practices, progress in conceptualisation and advanced integration within a network of design management absorbers in the South Baltic Sea region // Social Sustainability and Economic Security : The Agenda for Entrepreneurship in the 21st Century. Southend-on-Sea : Centre for Entrepreneurship Research, 2013. p. 12.01-12.27. (Proceedings of the International Entrepreneurship Forum ; 12).

Harkmann, K. Dynamic correlations of the Central and Eastern European stock markets and the financial crises of 2008-2012 [Electronic resource] // Doctoral school in economics and innovation : Kuressaare, August 6-9, 2013. [Tartu] : Majandusteaduse ja innovatsiooni doktorikool, 2013. 22 p. [CD-ROM].

Hartšenko, J., Sauga, A. The role of financial support in SME and economic development in Estonia // Business and economic horizons (2013) Vol. 9, 2, p. 10-22.

Hazak, A. Guest editor's introduction // Eastern European economics (2013) Vol. 51, 1, p. 3-4.

Hazak, A. Efficiency and bid rigging in simultaneous procurement auctions under oligopoly [Electronic resource] // Proceedings of the Annual Symposium on Management, Operations Research and Economics : Taipei, Taiwan, 9-11 January 2013. [S.I.] : ASMOR, 2013. [CD-ROM].

Hunke, K., Prause, G. Management of green corridor performance // Transport and telecommunication (2013) Vol. 14, 4, p. 292-299.

Järvis, M., Virovere, A., Tint, P. Knowledge management – a neglected dimension in discourse on safety management and safety culture – evidence from Estonia [Electronic resource] // Riga Technical University 54th International Scientific Conference Scientific Conference on Economics and Entrepreneurship (SCEE'2013) : proceedings. Riga : RTU Press, 2013. [1] p [CD-ROM].

Järvis, M., Virovere, A., Tint, P. Managers' perceptions of organizational safety : implication for the development of safety culture [Electronic resource] // Riga Technical University 54th International Scientific Conference Scientific Conference on Economics and Entrepreneurship (SCEE'2013) : proceedings. Riga : RTU Press, 2013. [1] p [CD-ROM].

Kadak, T. Tegevusedukuse mõiste laiaulatuslikkus: kas oht või võimalus? // Audit, maksud, raamatupidamine ja majandusanalüüs. II. Tallinn : TTÜ kirjastus, 2013. lk. 40-44.

Kadak, T. Designing the approach for assessment of implemented performance management systems // The International Association for Accounting Education and Research (IAAER) : Frankfurt/Main - Eschborn, Germany, 14-16 February, 2013. [S.I.], 2013.

Kadak, T. Does performance management system influence organisational performance? : case study in business sector company // 7th Conference on Performance Measurement and Management Control, EIASM, Barcelona, Spain : [proceedings]. [S.I.] : EIASM, 2013.

Kadak, T. The supplement of the diagnostic tool for assessment the implemented performance management systems : theoretical approach // International journal of mathematics and computers in simulation (2013) Vol. 7, 2, p. 187-197.

Kadak, T., Roostalu, L. Management accounting problems and perspectives in the local government of Estonia : an analysis from the viewpoint of Parsons' paradigm // Journal of modern accounting and auditing (2013) Vol. 9, 1, p. 20-36.

Kaljund, K., Peterson, A.-L. The 4th task and the 4th power : newly formed non-governmental organisations caught in a stranglehold by the post-socialist Estonian mass media? // Journal of international scientific publications : media & mass communication (2013) 2, p. 458-473.

Kallakmaa-Kapsta, A. Before and after the boom : changes in the Estonian housing market // Baltic journal of economics (2013) Vol. 13, 1, p. 115-116.

Kallakmaa-Kapsta, A., Kolbre, E. Estonian housing market : affordability problem and regulatory framework // International journal of housing markets and analysis (2013) Vol. 6, 2, p. 146-162.

Kallaste, K. Raamatupidaja kutsekvalifikatsioon : riiklike süsteemide võrdlus ja vastavus standarditele // Audit, maksud, raamatupidamine ja majandusanalüüs. II. Tallinn : TTÜ kirjastus, 2013. lk. 45-50.

Kalle, E. Veel kord Merestest // Audit, maksud, raamatupidamine ja majandusanalüüs. II. Tallinn : TTÜ kirjastus, 2013. lk. [7-9].

Kalle, S., Pille, V. Operating center workers' skin diseases caused by disinfectants and antiseptics - disbeliefs and preventive measures // OEEC 2013 : 6th International conference on Occupational and Environmental Exposure of Skin to Chemicals, June 2-4, Amsterdam, The Netherlands : programme and abstract book. [S.I.], 2013. [1] p.

Karilaid, I., Talpsepp, T. Liquidity problems and policy implication during the recent financial crisis in the Baltic-Nordic Region : ex-post empirical study [Electronic resource] // 5th International Conference "Economic challenges in enlarged Europe" : conference proceedings : 16-18 June 2013, Tallinn, Estonia. Tallinn : Tallinna Tehnikaülikool, 2013. [CD-ROM].

Kartus, R., Kukrus, A. Innovation, product development and patents at universities // Estonian journal of engineering (2013) Vol. 19, 1, p. 4-17.

Kaufmann, H.R., Orphanidou, Y., Tsangari, H., Neulinger, A., Kuster, I., Vila, N., Rudawska, I., Bakowska, S., Arvola, R. Analysing different consumption practices among different settings // Consumption culture in Europe : insight into the beverage industry. Hershey : IGI Global, 2013. p. 258-305.

Keerberg, A., Reidolf, M., Roosileht, M. Ülikool piirkonna ettevõtluse arendajana : Tallinna Tehnikaülikooli Virumaa ja Kuressaare kolledžite näitel [Elektroniline teavik] // Eesti Majandusteaduse Seltsi aastakonverentsi ettekanded 2013. Tallinn : Eesti Majandusteaduse Selts, 2013. [CD-ROM].

Kindel, K., Venesaar, U., Reidolf, M. Communication channel choice between enterprises and government // Databases and Information Systems VII : selected papers from the tenth International Baltic Conference, DB&IS 2012. [S.I.] : IOS Press, 2013. p. 218-231. (Frontiers in artificial intelligence and applications ; 249).

Kirch, A. Estland // Handbuch Sozialpolitiken der Welt. Münster : LIT-Verlag, 2013. s. 185-188. (Politik : Forschung und Wissenschaft ; 31).

Kirch, A. Baltic States, migration 20th century to present // The Encyclopedia of Global Human Migration. 2. Oxford : Wiley-Blackwell, 2013. p. 60-66.

Kirch, A., Tuisk, T. On the profile of the Baltic journal of European studies (BJES) // Baltic journal of European studies (2013) Vol. 3, 1(13), p. 2-5.

Kirsipuu, M., Teder, J., Venesaar, U. Strategic management and organisational culture of family business in Estonia // International business – Baltic business development. Frankfurt am Main : Peter Lang, 2013. p. 187-218.

Kokla, M., Urho, M., Ploompuu, T., Aalto, H. Digitaalne tootmine ja simulatsioon hoiavad kokku aega ja kulusid // Inseneeria (2013) 5, lk. 28-29.

Kolbre, E., Niine, T., Miksa, W., Dziugiel, M., Dziugiel, B. Service location and site quality analysis in support of air cargo development : case studies of Tallinn and Katowice airports // Journal of business management and applied economics (2013) Vol. 2, 6, p. 1-15.

Kolk, A., Rungi, M. Agility of capability development : the multiple-case study of Ericsson, Google, Microsoft and Nokia // IEEM 2013 : 10-13 December 2013, Bangkok, Thailand : 2013 IEEE International Conference on Industrial Engineering and Engineering Management : [programme and abstracts]. [S.I.] : IEEE, 2013. p. 53.

Kooskora, M., Kadak, T., Roostalu, L., Rihma, M. Rethinking Parsons' paradigm in the context of sustainability // Proceedings of the 2nd International Conference on Business Social Partnership : Towards Value Based Social Engagement : BSPBP 2013, Delhi, 6-9 September 2013. [S.I.] : Academy of Value Based Management, 2013. [1] p.

Kooskora, M., Kadak, T., Roostalu, L., Rihma, M. Rethinking Parsons' paradigm in the context of sustainability // International journal on spirituality and organizational leadership (2013) Vol. 2, 1, p. 62-72.

Koppel, T. Building materials induced spatial variations in Earth's magnetic field // International Conference Innovative Materials, Structures and Technologies, 8th November 2013, Riga. Riga : Riga Technical University, 2013.

Koppel, T. Mobiilsete õpivahendite tekitatavad raadiosageduslikud elektromagnetväljad // TalveAkadeemia 2013. Kogumik 11/2013. Tallinn : TalveAkadeemia, 2013. lk. 111-122.

Koppel, T. A questionnaire to access the exposure to the electromagnetic fields [Electronic resource] // Doctoral school in economics and innovation : Kuressaare, August 6-9, 2013. [Tartu] : Majandusteaduse ja innovatsiooni doktorikool, 2013. 30 p. [CD-ROM].

Koppel, T., Ahonen, M. Radiofrequency electromagnetic fields from mobile devices used for learning and working // Elektronika ir elektrotechnika = Electronics and electrical engineering (2013) Vol. 19, 6, p. 65-70.

Koppel, T., Kristjuhan, Ü. Europe's goal for better workplaces : development of the legislation for occupational exposure to the electromagnetic fields // International business – Baltic business development. Frankfurt am Main : Peter Lang, 2013. p. 145-168.

Koppel, T., Tasa, T., Tint, P. Electromagnetic fields in contemporary office workplaces // Agronomy research (2013) Vol. 11, 2, p. 421-434.

Koppel, T., Tint, P. A dynamic lighting system for workplaces deficient of daylight // Environmental health risk VII. Ashurst : WIT Press, 2013. p. 105-116. (WIT transactions on biomedicine and health ; 16).

Koppel, T., Tint, P. Office workers with better lighting conditions suffer less health symptoms // Intelligent Technologies in Logistics and Mechatronics Systems ITELMS' 2012 : proceedings of the 7th International Conference. Kaunas : Technologija Kaunas, 2013. p. 136-137.

Kornilov, S., Põlajeva, T. Estimation of agent-based modelling for cross-border infrastructure policy decision [Electronic resource] // Doctoral school in economics and innovation : Kuressaare, August 6-9, 2013. [Tartu] : Majandusteaduse ja innovatsiooni doktorikool, 2013. 14 p. [CD-ROM].

Kristjuhan, K., Metsla, E., Ling, H. Management capabilities and application of complex automated systems // Estonian journal of engineering (2013) Vol. 19, 1, p. 30-46.

Kristjuhan, Ü. Possibilities of prolonging human life in the near future // Agronomy research (2013) Vol. 11, 2, p. 435-440.

Kristjuhan, Ü., Taidre, E. Workability of older academics // Agronomy research (2013) Vol. 11, 2, p. 441-448.

Kukk, J., Leppiman, A. Increasing value perception in knowledge-intensive service activity by service design // Journal of international scientific publications : economy & business (2013) 7(2), p. 36-48.

Kukk, J., Leppiman, A. Client's willingness for co-creation of a service on the example of KIBS // International Conference : Entrepreneurship and Innovation as Key Drivers of Regional Development : Ventspils, Latvia, 15-16 July 2013 : conference materials, abstract book. Ventspils : Ventspils University College, 2013. p. 14.

Kukk, M. Has household indebtedness hampered the consumption during the recession? Evidence from micro data [Electronic resource] // Doctoral school in economics and innovation : Kuressaare, August 6-9, 2013. [Tartu] : Majandusteaduse ja innovatsiooni doktorikool, 2013. 27 p. [CD-ROM].

Kulasalu, M. Baltic journal of European studies, vol.1, no. 1 (9). Special issue : selected papers of the 24th International Baltic Conference on the History of Science and the follow-up seminar, 412 pp. : [book review] // Acta Baltica historiae et philosophiae scientiarum (2013) Vol. 1, 1 (Spring 2013), p. 122-128.

Kumm, K. Vladimir Koslov 17.02.1928-7.01.2012 : in memoriam // Tallinna Tehnikaülikooli aastaraamat 2012. [Tallinn], 2013. lk. 309-311.

Küttim, M., Kallaste, M., Venesaar, U. Students' satisfaction with and demand of university offerings in entrepreneurship education in different European regions // International Conference : Entrepreneurship and Innovation as Key Drivers of Regional Development : Ventspils, Latvia, 15-16 July 2013 : conference materials, abstract book. Ventspils : Ventspils University College, 2013. p. 6.

Laidroo, L. Väätsa Agro AS financial distress // Emerald emerging markets case studies (2013) Vol. 2, 8, p. 1-13.

Laidroo, L., Männasoo, K. Credit growth and banks' asset quality : evidence from Central and Eastern Europe [Electronic resource] // 5th International Conference "Economic challenges in enlarged Europe" : conference proceedings : 16-18 June 2013, Tallinn, Estonia. Tallinn : Tallinna Tehnikaülikool, 2013. [CD-ROM].

Lauri, T., Pöder, K. School choice policy : seeking to balance educational efficiency and equity : a comparative analysis of 20 European countries // European educational research journal (2013) Vol. 12, 4, p. 534-552.

Leimann, J. Uno Mereste – eeskuju järeltulijatele // Uno Mereste kaasaegsete mälestustes. [Tallinn] : TTÜ majandusteaduskond, 2013. lk. 53-54.

Leimann, J. Raoul Üksvärv – minu teenäitajana // Raoul Üksvärv : publikatsioonid. Organisatsioon ja juhtimine 50. Meenutused algaastaist. Tallinn : TTÜ kirjastus, 2013. lk. 72-74.

Ленсмент, А. Особенности территориальной и гендерной идентичности русских в Эстонии и русских в России // Збірник наукових праць "Гілея : науковий вісник" (2013) 78, с. 196-199.

Ленсмент, А. От этнокультурной к личностной идентичности : актуальный тренд социокультурной глобализации // Философия и социальные науки (2013) 2, с. 60-64.

Ленсмент, А. Социально-философский анализ феномена "Русская диаспора в Эстонии" // Соціальна психологія (2013) 56, с. 145-154.

Leppiman, A. Asiakkaiden osallisuus ja toimijuus perheleiripalvelun muotoilussa // 10 Asiakkaan osallisuus. [S.I.] : Lapland University Press, 2013. [1] p.

Leppiman, A., Riivits-Arkonsuo, I., Kaljund, K. Improving non-profit organizations' capability through open architecture model // International business – Baltic business development. Frankfurt am Main : Peter Lang, 2013. p. 125-144.

Ling, H. Impact of entrepreneurship education on students' metacognitive awareness : analysis based on students' self-assessments // International business – Baltic business development. Frankfurt am Main : Peter Lang, 2013. p. 265-289.

Ling, H., Kyrö, P., Venesaar, U. Entrepreneurship education and metacognitive awareness : development of a tool to measure metacognitive awareness // Conceptual richness and methodological diversity in entrepreneurship research. Cheltenham : Edward Elgar, c2013. p. 95-116. (European research in entrepreneurship series).

Lippus, H., Laanpere, M., Tuisk, T., Karro, H. Planeerimata raseduse esinemissagedus ja sellega seotud tegurid Eestis // Eesti Arst (2013) Vol. 92, 5, lk. 253-260.

Listra, E. Improving the competitiveness of the nation [Electronic resource] // Life in Estonia (2013) Spring, p. 48-49.

Lorenz, A., Kreegimäe, K., Titov, E. Benefits, difficulties and success factors of three different quality assessment process in Estonia [Electronic resource] // Doctoral school in economics and innovation : Kuressaare, August 6-9, 2013. [Tartu] : Majandusteaduse ja innovatsiooni doktorikool, 2013. 15 p. [CD-ROM].

Lumiste, R. Uus programm ja uut tüüpi õpetus : [õppeainest "Müük välisurgudel ja messidel"] // Eesti Kaubandus-Tööstuskoja teataja (2013) nr. 19, lk. 10.

Lumiste, R., Prause, G., Feuerhake, C., Venesaar, U., Vihalemm, A., Kallaste, M. International trade fairs for facilitating the internationalisation of enterprises // International business – Baltic business development. Frankfurt am Main : Peter Lang, 2013. p. 291-305.

Lõokene, I., Alver, J. Doctor universalis Uno Mereste // Uno Mereste kaasaegsete mälestustes. [Tallinn] : TTÜ majandusteaduskond, 2013. lk. 175-184.

Maspanov, I., Rämmel, M. Auditortegevuse areng Eestis aastatel 2003-2013 // Audit, maksud, raamatupidamine ja majandusanalüüs. II. Tallinn : TTÜ kirjastus, 2013. lk. 63-71.

Matis, D., Nikitina-Kalamäe, M., Kallaste, K. et al. Accounting profession and sustainable development // Mathematics and Computers in Business, Manufacturing and Tourism : [proceedings of the 14th MCBE and the 2nd MCTS] : Baltimore, MD, USA, September 17-19, 2013. [S.I.] : WSEAS Press, 2013. p. 60-66.

- Matis, D., Nikitina-Kalamäe, M., Kallaste, K. et al. Some views on accounting education // Mathematics and Computers in Business, Manufacturing and Tourism : [proceedings of the 14th MCBE and the 2nd MCTS] : Baltimore, MD, USA, September 17-19, 2013. [S.I.] : WSEAS Press, 2013. p. 51-59.
- Saat, M. Kolm kodu // Kodukohalood : rännakud Eesti kultuuriinimeste lapsepõlve. [Tallinn] : Maalehe Raamat, 2013. lk. 113-121.
- Meriküll, J., Rõõm, T., Staehr, K. Perceptions of unreported economic activities in Baltic firms : individualistic and non-individualistic motives // (Dis)honesty in management : manifestations and consequences. Bingley, UK : Emerald, 2013. p. 85-125. (Advanced series in management ; 10).
- Meriküll, J., Staehr, K. Unregistered production and employment in Estonia: measurements and developments // Journal of applied economics and business (2013) 1(2), p. 23-34.
- Miina, A. Timmitud tarneahel autotööstuses // Inseneeria (2013) 2, lk. 26-27.
- Miina, A. Lean as universal approach : false or true? // Management (2013) Vol. 3, 6, p. 292-303.
- Miina, A., Saat, M., Kolbre, E. Critical success factors of lean thinking implementation process : example of Estonian manufacturing companies // International business – Baltic business development. Frankfurt am Main : Peter Lang, 2013. p. 243-264.
- Miller, L. Tunne elust suuremat mõnu // Kodutohter (2013) 2, lk. 20-22.
- Miller, L. Aesthetics and power : from the perspective of communication ethics // Ethical space : the international journal of communication ethics (2013) Vol. 10, 1, p. 43-51.
- Miller, L. Complementarity and pragmatism : reconciling Western Civ.'s continental divide // Социология науки и технологий = Sociology of science and technology (2013) Том 4, 4, p. 144-160.
- Miller, L. Ruta hacia el éxito y la felicidad orientada en valores // Universidad Administracion & Sociedad Revista (2013) Ano 2, No. 5 (Diciembre), p. 10-11.
- Miller, L. Liberalism : the dichotomy between economic liberalism and political. Liberalism's effort to increase prosperity versus its ability to enhance the global common good // Социология науки и технологий = Sociology of science and technology (2013) Том 4, 2, p. 118-133.
- Morris, J., Polese, A. Introduction : informality – enduring practices, entwined livelihoods // The informal post-socialist economy : embedded practices and livelihoods. London, New York : Routledge, 2014. [23] p.
- Mändmaa, S. Financial literacy – the level of knowledge among students in Estonia // Higher education – higher level learning? : January 23th-25th, 2013 in Tallinn, Estonia : [abstracts]. [S.I.], 2013. [1] p.
- Männasoo, K. Determinants of bank interest spreads in Estonia // Eastern European economics (2013) Vol. 51, 1, p. 36-60.
- Männasoo, K., Meriküll, J. R&D cyclicalities and credit constraints : comparative micro-evidence from 10 new EU members and two data sources // 6th Annual Conference of the Academy of Innovation and Entrepreneurship (AIE 2013) : Innovation and Entrepreneurship for Inclusive and Sustainable Development : Oxford, United Kingdom, 29-30 August 2013 :

conference proceedings. Oxford : University of Oxford, Department of International Development, 2013. (TMD working paper series ; 55).

Müürsepp, P. Philosophy as inquiry of inquiry // XXIII World Congress of Philosophy : Philosophy as Inquiry and Way of Life : abstracts : Athens 04-10 August 2013, University of Athens, School of Philosophy, University Campus - Zografos. Athens : Greek Philosophical Society, 2013. p. 494.

Müürsepp, P. Georges Frederic Parrot and the "New" Enlightenment // Acta Baltica historiae et philosophiae scientiarum (2013) Vol. 1, 2 (Autumn 2013), p. 15-25.

Müürsepp, P. The aim of science – knowledge or wisdom // Problemos : mokslo darbai = research papers (2013) 84, p. 72-83.

Müürsepp, P. From knowledge economy to wisdom economy // Proceedings : the ninth International Conference on Knowledge-Based Economy & Global Management : Southern Taiwan University of Science and Technology : November 7-8, 2013. Tainan : Southern Taiwan University of Science and Technology, 2013. p. 41-49.

Müürsepp, P., Talts, M. Foreword // Acta Baltica historiae et philosophiae scientiarum (2013) Vol. 1, 2 (Autumn 2013), p. 3-4.

Müürsepp, P., Talts, M. Foreword // Acta Baltica historiae et philosophiae scientiarum (2013) Vol. 1, 1 (Spring 2013), p. 3-4.

Nagatsu, M. Experimental philosophy of economics // Economics and philosophy (2013) Vol. 29, Special Issue 02, p. 263-276.

Niine, T., Kolbre, E., Miina, A. Innovation in air cargo sector and the effect on developing entrepreneurship : case studies of Estonia and Poland // International Conference : Entrepreneurship and Innovation as Key Drivers of Regional Development : Ventspils, Latvia, 15-16 July 2013 : conference materials, abstract book. Ventspils : Ventspils University College, 2013. p. 21.

Niine, T., Lend, E. Logistics management versus supply chain management – the crystallization of debate for academic clarity // Journal of logistics & sustainable transport (2013) Vol. 4, 1, p. 39-50.

Niine, T., Lend, E. Logistics management versus supply chain management – the crystallization of debate for academic clarity // ICLST 2013 : [programme and abstracts]. [S.I.], 2013. [1] p.

Niine, T., Prause, G., Kolbre, E., Dziugiel, B. Air cargo outlooks of regional airports in the Baltic Sea region : the cases of Tallinn and Katowice // International business – Baltic business development. Frankfurt am Main : Peter Lang, 2013. p. 49-71.

Nikitina-Kalamäe, M. TOP100 ettevõtete majandusaasta aruannete esitamine aastatel 2007-2012 // Audit, maksud, raamatupidamine ja majandusanalüüs. II. Tallinn : TTÜ kirjastus, 2013. lk. 72-75.

Notermans, T. ; (tlk.) Varrak, T. Imperiaalne pärand? El-i arengumudel ja kriis Euroopa perifeerias // Poliitika, riigiteadus, rahvusvahelised suhted (2013) 5, lk. 3-23.

Notermans, A. Book reviews: Ramiro Troitiño, David. European integration : building Europe. New-York : Nova [Science] Publishers, 2013, 352 pp // Baltic journal of European studies (2013) Vol. 3, 2(14), p. 120-122.

Nuut, A., Maspanov, I. Meenutusi professor Uno Merestest // Uno Mereste kaasaegsete mälestustes. [Tallinn] : TTÜ majandusteaduskond, 2013. lk. 62.

Paadam, K., Ojamäe, L. Continuities of residential cultures. Re-inventing identities in single-family houses // Back in the West : changing lifestyles in transforming societies. Frankfurt am Main : Peter Lang GmbH, 2013. p. 75-96. (Baltische Studien zur Erziehungs- und Sozialwissenschaft ; Band 25).

Paadam, K., Siilak, K., Ojamäe, L. Social construction of identities in a cross-cultural experience of creating and designing homes // Back in the West : changing lifestyles in transforming societies. Frankfurt am Main : Peter Lang GmbH, 2013. p. 125-150. (Baltische Studien zur Erziehungs- und Sozialwissenschaft ; Band 25).

Paju, J. Research of parameters of light emitting diode lamps and their suitability for lighting of working areas // Agronomy research (2013) Vol. 11, 2, p. 449-456.

Parts, O. The effects of cosmopolitanism on consumer ethnocentrism, brand origin identification and foreign product purchases // International journal of business and social research (2013) Vol. 3, 11, p. 30-44.

Parts, O., Vida, I. The effects of cosmopolitanism on consumer ethnocentrism, product quality, purchase intentions and foreign product purchase behavior // American international journal of contemporary research (2013) Vol. 3, 11, p. 144-155.

Pasekova, M., Redinova, H., Kallaste, K. et al. The level of financial literacy among the high school students in the chosen regions of the Czech Republic // International journal of mathematical models and methods in applied sciences (2013) Vol. 7, 4, p. 462-469.

Pille, V., Oha, K., Tint, P. Results of a myotonometrical muscle study in patients with work-related hand overload disorder // EPICOH 2013 : Improving the Impact : 18-21 June 2013 Utrecht, The Netherlands : the selected abstracts : 23rd Conference on Epidemiology in Occupational Health. [S.I.] : EPICOH, 2013. p. 131-132.

Polese, A. The socio-economic function of borders, evidence from EU neighbourhood countries // Eurolimes (2013) Vol. 16, autumn 2013, p. 22.

Prause, G. Business models for intermodal transportation // INTRAREGIO : International Conference "A Research Strategy for Intermodal Transport" : Las Palmas de Gran Canaria, 17th-18th April 2013. [S.I.], 2013. [18] p.

Prause, G. Management and monitoring of green transport corridors // 13th International Conference "Reliability and Statistics in Transport and Communication". Riga, 2013. p. 3.

Prause, G. Networking between universities and science parks in Estonia and Germany // Baltic Dynamics 2013 : International Conference "Competence Building for smart Growth : Challenges and Opportunities" : conference proceedings : (programme, lectors' CVs, abstracts, full papers) : Riga, Radisson Blu Hotel Latvia, September 11-13, 2013. Riga : Latvian Technological Center, 2013. p. 120.

Prause, G. Transnationale Aspekte der nutzerorientierten elektronischen Dienstleistungsanwendung im Ostseeraum // AWV Informationen (2013) 1, s. 26.

Prause, G. University-business interaction in times of demographic change // International Conference Science, Education and Business Cooperation : The Innovation Landscapes of Europe and Russia : programme and abstracts : 25-27 October'13, Saint-Petersburg = Международная научно-практическая конференция Взаимодействие науки,

образования и бизнеса : инновационные ландшафты Европы и России : программа и аннотации докладов : 25-27 октября'13, Санкт-Петербург. [S.l.], 2013. p. 90.

Purju, A. Kohtumised Merestega // Uno Mereste kaasaegsete mälestustes. [Tallinn] : TTÜ majandusteaduskond, 2013. lk. 74-76.

Purju, A., Branten, E. The economies of the Baltic Sea Region : growth patterns and foreign trade now and in the future // Journal of East-West business (2013) Vol. 19, 1-2, p. 4-15.

Pödder, H. Nation-state's "political ineptitude" in citizen's identity processes : a case study using Identity Structure Analysis // Baltic journal of European studies (2013) Vol. 3, 1, p. 136-154.

Pödder, H., Kirch, A. Combining work and parenthood in Estonia, Sweden and Finland // European integration studies : research and topicalities (2013) 7, p. 60-70.

Pöder, K., Kerem, K., Lauri, T. Efficiency and equity within European education systems and school choice policy : bridging qualitative and quantitative approaches // Journal of school choice : international research and reform (2013) Vol. 7, 1, p. 1-36.

Pöder, K., Lauri, T. Kui avalik sektor käitub nagu erasektor : Tallinna koolivaliku kihistav mõju // Riigikogu Toimetised (2013) 27, lk. 91-104.

Pädam, S., Ehrlich, Ü. Eesti ja Soome elanike maksevalmiduse võrdlus keskkonnakvaliteedi parandamiseks = Vertailu virolaisten ja suomalaisten maksuvalmiudesta ympäristön laadun parantamiseksi // 20 vuotta suomalais-virolaista luonnon suojoel uhtyötä = 20 aastat Eesti-Soome looduskaitseühistööd. Tartu, Helsinki : Ympäristömisteriö, Keskkonnaministeerium, 2013. lk. 28-29.

Pädam, S., Ehrlich, Ü. Avaliku sektori keskkonnakulutused Eestis aastal 1995-2011 // Topical issues of economic policy in the European Union = Aktuelle Wirtschaftspolitische Probleme in der Europäischen Union = Majanduspoliitika aktuaalsed küsimused Euroopa Liidus : [artiklite kokkuvõtted]. Berlin : Berliner Wissenschafts-Verlag ; Tallinn : Mattimar, 2013. lk. 42-45. (Eesti majanduspoliitilised vätlused ; 21, 2).

Pädam, S., Ehrlich, Ü. Public environmental expenditures in Estonia during 1995-2011 [Electronic resource] // Eesti majanduspoliitilised vätlused (artiklid) = Estnische Gespräche über Wirtschaftspolitik (Beiträge) = Discussions on Estonian economic policy (articles). 2. Berlin : Berliner Wissenschafts-Verlag ; Tallinn : Mattimar, 2013. p. 93-105. [CD-ROM]. (Eesti majanduspoliitilised vätlused ; 21, 2).

Raagamaa, G., Masso, J., Reidolf, M., Servinski, M. Empowering people and enterprises with strong cultural and territorial identity : a case study of Setomaa, Estonia // Regional advantage and innovation : achieving Australia's national outcomes. Berlin : Physica-Verlag, 2013. p. 233-254.

Ramiro Troitino, D. Energy policy in the EU and its influence on East and Central Europe // Journal on legal and economic issues of Central Europe (2013) Vol. 4, 2, p. 106-113.

Ramiro Troitino, D. European identity the European people and the European Union // Sociology and anthropology (2013) Vol. 1, 3, p. 135-140.

Ramiro Troitino, D. The current economic crisis of the EU : genesis, analysis and solutions // Baltic journal of European studies (2013) Vol. 3, 1(13), p. 6-28.

Ramiro Troitino, D., Chochia, A. The common agricultural policy, its role in European integration and influence on the enlargements of the organization : (case study : Georgia) // International and comparative law review (2013) Vol. 13, 1, p. 37-58.

Raudonen, S. Role on taxation in investments allocation decisions : using a gravity approach for exploring bilateral FDI into the EU [Electronic resource] // Doctoral school in economics and innovation : Kuressaare, August 6-9, 2013. [Tartu] : Majandusteaduse ja innovatsiooni doktorikool, 2013. 17 p. [CD-ROM].

Raudonen, S. Role of taxation in investments allocation decisions : using a gravity approach for exploring bilateral FDI into the EU // 6th EuroMed Conference of the EuroMed Academy of Business : Confronting Contemporary Business Challenges through Management Innovation : conference readings book proceedings : September 23rd-24th, 2013, Estoril, Cascais, Portugal. [S.I.] : EuroMed Press, 2013. p. 1893-1915.

Raudonen, S., Freytag, A. Determinants of FDI inflows into the Baltic countries : empirical evidence from a gravity model // Journal of business and economics (2013) Vol. 4, 2, p. 180-194.

Reidolf, M. The role of the university in developing regional innovation system and enhancing entrepreneurship : the case of Kuressaare College // International Conference : Entrepreneurship and Innovation as Key Drivers of Regional Development : Ventspils, Latvia, 15-16 July 2013 : conference materials, abstract book. Ventspils : Ventspils University College, 2013. p. 43.

Reinhold, K., Tint, P. Practical tool and procedure for risk assessment in small and medium sized enterprises. Illustration in SMEs in Estonia // USE 2013 proceedings : Understanding Small Enterprises (USE Conference) : From USE to Action : Transforming Our Understanding of Small Enterprises into Practice to Create Healthy Working Lives in Healthy Businesses : Nelson, New Zealand, 19-22 February 2013. [S.I.] : Massey University, 2013. p. 363-372.

Reinhold, K., Traumann, A., Tint, P. Environmental impact on human health of dust and chemicals from modern technologies // Integration Challenges for Sustainability : 7th International Conference on Environmental Engineering and Management, 18-21 of September 2013, Vienna, Austria : conference abstracts book. Iasi : Politehnium Publishing House, 2013. p. 57-58.

Rihma, M., Meel, M. The discrepancy between declared values and real ethical behaviour of companies (Estonian case) // European scientific journal (2013) Vol. 9, 16, p. 26-42.

Riisalu, R., Leppiman, A. Hidden champions of Estonia // Hidden champions in CEE and Turkey : carving out a global Niche. Heidelberg : Springer, 2013. p. 183-199.

Riivits-Arkonsuo, I., Leppiman, A. Consumer online word-of-mouth - analysis through an experience pyramid model [Electronic resource] // 9th EBES conference – Rome : proceedings CD : January, 11-13, 2013 : faculty of economics, Sapienza university of Rome, Rome, Italy. Istanbul : Teknik Basim Matbaacilik, 2013. p. 1929-1934 [CD-ROM].

Riivits-Arkonsuo, I., Leppiman, A. Consumer behaviour in social media : patterns of sharing commercial messages // International business – Baltic business development. Frankfurt am Main : Peter Lang, 2013. p. 307-327.

Roodi, M., Ehrlich, Ü. Renewable electricity in Estonia – discrepancy between state subsidies and private demand // Recent advances in energy and environmental management : [proceedings of the EE'13, GES'13, EMC'13, URES'13 : Rhodes Island, Greece, July 16-19,

2013]. [S.l.] : WSEAS Press, 2013. p. 66-71. (Energy, environmental and structural engineering series ; 13).

Rungi, M. The impact of managers selection criteria on quality of capabilities : are managers only for representative function? // IEEM 2013 : 10-13 December 2013, Bangkok, Thailand : 2013 IEEE International Conference on Industrial Engineering and Engineering Management : [programme and abstracts]. [S.l.] : IEEE, 2013. p. 85.

Rungi, M., Stulova, V. The impact of absorptive capacity on post-acquisition financial performance : the European ICT data // IEEM 2013 : 10-13 December 2013, Bangkok, Thailand : 2013 IEEE International Conference on Industrial Engineering and Engineering Management : [programme and abstracts]. [S.l.] : IEEE, 2013. p. 48.

Sauga, A., Mankin, R. Nonequilibrium transport phenomena in a tilted ratchet model subjected to a multiplicative trichotomous noise // Application of Mathematics in Technical and Natural Sciences : 5th International Conference for Promoting the Application of Mathematics in Technical and Natural Sciences – AMiTaNs 13 : Albena, Bulgaria, 24-29 June 2013. [S.l.] : AIP, 2013. p. 232-239. (AIP conference proceedings ; 1561).

Sauga, A., Mankin, R. Nonequilibrium transport phenomena in a tilted ratchet model subjected to a multiplicative trichotomous noise // Book of abstracts : Fifth International Conference on Application of Mathematics in Technical and Natural Sciences, 24-29 June 2013, Albena, Bulgaria. [S.l.] : Euro-American Consortium for Promoting the Application of Mathematics in Technical and Natural Sciences, 2013. p. 60.

Shvartsman, B. Dynamic stability of an elastically restrained tapered cantilever under distributed follower load // 18th International Conference on Mathematical Modelling and Analysis and 4th International Conference on Approximation Methods and Orthogonal Expansions : May 27-30, 2013, Tartu, Estonia : abstracts. Tartu : Eesti Matemaatika Selts, 2013. p. 95.

Shvartsman, B. Analysis of large deflections of a curved cantilever subjected to a tip-concentrated follower force // International journal of non-linear mechanics (2013) 50, p. 75-80.

Siimann, P. Ühe töötaja teenitud kasumi analüüsimeest efektiivsusmaatriksi põhjal (Eesti IKT sektori näitel) // Audit, maksud, raamatupidamine ja majandusanalüüs. II. Tallinn : TTÜ kirjastus, 2013. lk. 80-90.

Siirak, V., Tint, P. Preventing occupational accidents and diseases in Estonia : changing priorities = Профилактика несчастных случаев и заболеваний на производстве в Эстонии : смена приоритетов // Barents newsletter on occupational health and safety (2013) Vol. 16, 2, p. 55-61.

Solarte-Vasquez, M.C. Regulatory patterns of the Internet development : expanding the role of private stakeholders through mediatized "self-regulation" // Baltic journal of European studies (2013) Vol. 3, 1(13), p. 84-120.

Staehr, K. Okonomiks vaekst og konvergens i Osteuropa // Samfundsokonomen (2013) 2013(1), p. 15-23.

Staehr, K. Austerity in the Baltic states during the global financial crisis // Intereconomics (2013) 48(5), p. 293-302.

Startseva, E. Akadeemik Uno Mereste mälestuseks // Uno Mereste kaasaegsete mälestustes. [Tallinn] : TTÜ majandusteaduskond, 2013. lk. 109.

Старцева, Э. Стратегический анализ прибыли для оценки успешности реализации стратегии // Бухгалтерский учет : взгляд из прошлого в будущее : международная научная конференция II Соколовские чтения : тезисы докладов. Санкт-Петербург : Санкт-Петербургский государственный университет, 2013. с. 115-116.

Statsenko, L., Bozhko, L., Prause, G., Ireland, V. Critical issues of intellectual capital theory in transitional countries // Global business perspectives (2013) Vol. 1, 4, p. 515-537.

Strouhal, J., Kallaste, K., Nikitina-Kalamäe, M. et al. Professional accountants' perception on measurement issues in financial reporting // WSEAS transactions on business and economics (2013) Vol. 10, 3, p. 278-289.

Zheng, X. A credit policy study of Chinese banks on small and medium-sized enterprises // Acta Universitatis Agriculturae et Silviculturae Mendeleianae Brunensis (2013) Vol. 61, 7, p. 2973-2982.

Zheng, X. Performance evaluation of China's listed banks based on economic value added // Proceedings of 9th International Bata Conference for PhD Students and Young Researchers. Zlin : Tomas Bata University in Zlin, 2013.

Taidre, E., Kristjuhan, Ü. Solutions for older and experienced academics // Work, Well-being and Wealth : Active Ageing at Work : 26-28 august 2013, Hotel Crowne Plaza, Helsinki, Finland : programme. [S.l.] : Finnish Institute of Occupational Health, 2013. p. 13.

Talts, M. Kultuuriloolist Tammsaare noorusmailt // Rahvuslik Kontakt (2013) Nr. 4, lk. 29-32.

Talts, M. The role of popular science literature in shaping Estonians' world outlook // Историко-биологические исследования = Studies in the history of biology (2013) Том 5, 2, p. 59-83.

Talts, M. Some aspects of the Baltic Countries' pre- and post-accession convergence to the European Union // Baltic journal of European studies (2013) Vol. 3, 1(13), p. 58-83.

Tanning, L., Tanning, T. Estonian, Latvian, and Lithuanian companies' working efficiency before and after the economic crisis // International journal of business and social science (2013) Vol. 4, 6, p. 130-136.

Tanning, L., Tanning, T. The Baltic States companies working efficiency before and after the economic crisis // International journal of social sciences and entrepreneurship (2013) Vol. 1, 2, p. 484-495.

Tanning, L., Tanning, T. The Lithuania companies working efficiency before and after the economic crisis // Greener journal of business and management studies (2013) Vol. 3, 3, p. 132-142.

Tanning, L., Tanning, T. An analysis of Eastern European and Baltic countries wages // International journal of arts and commerce (2013) Vol. 2, 3, p. 125-138.

Tanning, L., Tanning, T. Companies working efficiency before and after the economic crisis of the Latvia example // Global advanced research journal of management and business studies (2013) Vol. 2, 3, p. 126-136.

Tanning, L., Tanning, T. Working efficiency before and after the economic crisis in the Baltic states // Global business and economics research journal (2013) Vol. 2, 5, p. 92-101.

Tanning, T. Companies working efficiency and the economic crisis the example of the Baltic States // International journal of scientific research (2013) Vol. 2, 6, p. 135-137.

- Tanning, T. Companies working efficiency and the economic crisis the example of the Baltic States // Global journal for research analysis (2013) Vol. 2, 6, p. 213-215.
- Tanning, T. Top specialists rescued the national economy – economic lessons from the crisis // PARIPEX – Indian journal of research (2013) Vol. 3, 5, p. 253-255.
- Tanning, T., Saat, M., Tanning, L. Kondratiev wave : overview of world economic cycles // Global business and economics research journal (2013) Vol. 2, 2, p. 1-11.
- Tanning, T., Saat, M., Tanning, L. The working efficiency of Estonian companies before and after the economic crisis, on the example of transport // International journal of arts and commerce (2013) Vol. 2, 4, p. 127-148.
- Tanning, T., Tanning, L. An analysis of labour productivity in Central and East European countries // International journal of arts and commerce (2013) Vol. 2, 1, p. 1-18.
- Tanning, T., Tanning, L. The analysis of labour productivity in East European countries // TEM journal : technology, education, management, informatics (2013) Vol. 2, 2, p. 136-144.
- Tanning, T., Tanning, L. The quality and motivation of the workforce // TEM journal : technology, education, management, informatics (2013) Vol. 2, 1, p. 35-42.
- Tanning, T., Tanning, L. Why Eastern European wages are several times lower than in Western Europe? // Global business and economics research journal (2013) Vol. 2, 1, p. 22-38.
- Tanning, T., Tanning, L. An analysis of working efficiency in Central and East European countries // American journal of economics (2013) Vol. 3, 3, p. 171-184.
- Tepp, M. Milvi Tepp : Kui töötaja peab palka juurde küsimä, siis kes firmat juhib? // Director (2013) 7, lk. 33-34.
- Tepp, M. Tööjõuturg sunnib tööandjaid loovusele // Personal Praktik : PP (2013) märts, lk. 12.
- Тинт, П., Ярвис, М., Рейнхольд, К. Модель, связывающая уровни риска в рабочей среде с профессиональными заболеваниями // Материалы XII Всероссийского Конгресса "Профессия и Здоровье" и V Всероссийского съезда врачей-профпатологов : Москва, 27-30 ноября 2013 г. Москва : ООО Фирма "Реинфор", 2013. с. 450-451.
- Tint, P., Karai, D., Oha, K., Koppel, T., Tuulik, V.R., Tuulik, V., Meigas, K. The computer workers' working conditions influencing the health in modern buildings // Intelligent Technologies in Logistics and Mechatronics Systems ITELMS'2013 : proceedings of the 8th international conference. Kaunas : Kaunas University of Technology Press, 2013. p. 247-253.
- Tint, P., Karai, D., Oha, K., Koppel, T., Tuulik, V.-R., Tuulik, V., Meigas, K. The working conditions of office-workers in modern buildings // Human factors : sustainable life and mobility : October 16-18, 2013, Torino, Italy : programme, abstracts book. [S.l.] : Human Factors and Ergonomics Society Europe Chapter, 2013. p. [64].
- Tint, P., Toomeoja, K., Tuulik, V., Karai, D., Meigas, K. Health risks to computer-workers in various indoor facilities [Electronic resource] // Riga Technical University 54th International Scientific Conference Scientific Conference on Economics and Entrepreneurship (SCEE'2013) : proceedings. Riga : RTU Press, 2013. [2] p [CD-ROM].
- Tint, P., Tuulik, V., Tuulik, V.-R. The prevention of physiological and psychological stress at computer-equipped workplaces // Human factors : sustainable life and mobility : October

16-18, 2013, Torino, Italy : programme, abstracts book. [S.I.] : Human Factors and Ergonomics Society Europe Chapter, 2013. p. [30].

Titov, E., Kuimet, K., Meel, M. Post-recession values in Estonian organisations according to conflict management analysis // International business – Baltic business development. Frankfurt am Main : Peter Lang, 2013. p. 93-105.

Titov, E., Virovere, A., Meel, M., Kuimet, K. Estonian managerial values in value systems in ensuring the sustainability of organizations // Journal of management and change (2013) No. 1/2 (30/31), p. 66-81.

Traumann, A., Reinhold, K., Tint, P. The model for assessment of health risks of dust connected with wood manufacturing in Estonia // Agronomy research (2013) Vol. 11, 2, p. 471-478.

Traumann, A., Tint, P., Järvik, O., Oja, V. Management of health hazards during shale oil handling // Agronomy research (2013) Vol. 11, 2, p. 479-486.

Traumann, A., Tint, P., Järvik, O., Oja, V. Determination of volatile components from shale fuel oil during handling // Integration Challenges for Sustainability : 7th International Conference on Environmental Engineering and Management, 18-21 of September 2013, Vienna, Austria : conference abstracts book. Iasi : Politehnium Publishing House, 2013. p. 33-34.

Tuisk, T. Creativity and tolerance as aspects of entrepreneurial identity // Abstraktit : Conference Abstracts : Yrittäjyyskasvatuspäivät Helsingissä 26-27.9.2013 : Yrittäjyyteen oppimisen ekosysteemit : "Entrepreneurial ecosystems" : Entrepreneurship education conference 26th-27th September 2013 : At Aalto University, School of Business, Helsinki, Finland. [S.I.] : Aalto University School of Business, 2013. p. 79.

Tuisk, T. Eesti ja vene noorte (riigi)rahvuslik identiteet lähtuvalt nende primordialistlikust või situatiivsest orientatsioonist [Elektrooniline teavik] // Tallinna Ülikooli üliõpilaste 2011/2012. õppeaasta parimad teadustööd : artiklite kogumik. Tallinn : Tallinna Ülikool, 2013. lk. 109-111.

Tuisk, T. Socio-psychological aspects of entrepreneurial identity // XXIV ISPIM Conference : Innovating in Global Markets : Challenges for Sustainable Growth : Helsinki, Finland : 16-19 June 2013. Helsinki : International Society for Professional Innovation Management, 2013. p. 71.

Uljata, M., Hazak, A. Efficacy of the statutory regulation of monopoly water companies : conceptual considerations in the Estonian context // Proceedings of International Conference on Business and Social Science. [S.I.], 2013.

Wahl, M. Omanikud suudavad äriühingule anda enamat kui vaid kapitali // Liidrite lood (2013) Keval, lk. 4-5.

Wahl, M., Hunke, K., Prause, G. Stakeholder typologies in green transport corridor governance // Sustainability and collaboration in supply chain management : a comprehensive insight into current management approach. Köln : Joseph EUI Verlag, 2013. p. 143-162. (Supply chain, logistics and operations management ; 16).

Wahl, M., Prause, G. Toward understanding resources, competencies, and capabilities : business model generation approach // Journal of entrepreneurship and sustainability issues (2013) Vol. 1, 2, p. 67-80.

Wahl, M., Prause, G. Dynamic concepts for business model generation // International Conference : Entrepreneurship and Innovation as Key Drivers of Regional Development : Ventspils, Latvia, 15-16 July 2013 : conference materials, abstract book. Ventspils : Ventspils University College, 2013. p. 16.

Varrak, T. C. G. E. Mannerheimi salatoimik // Poliitika, riigiteadus, rahvusvahelised suhted (2013) Nr. 5 (14), lk. 24-55.

Venesaar, U., Kallaste, M., Küttim, M. Factors influencing students' venture creation process // International Conference : Entrepreneurship and Innovation as Key Drivers of Regional Development : Ventspils, Latvia, 15-16 July 2013 : conference materials, abstract book. Ventspils : Ventspils University College, 2013. p. 7-8.

Vernygora, V. The unbearable lightness of permanent integration : why does the EU need to answer its Ukrainian question? // Australian and New Zealand journal of European studies (2013) Vol. 5, 2, p. 92-94.

Virovere, A., Titov, E., Kuimet, K., Meel, M. Propagated and real values in Estonian organisations according to conflict management analysis // International business – Baltic business development. Frankfurt am Main : Peter Lang, 2013. p. 107-124.

Voolaid, K., Ehrlich, Ü. Organizational learning rate dependence on national wealth : case study of business schools // Proceedings of ICICKM 2013 : The 10th International Conference on Intellectual Capital Knowledge Management and Organisational Learning : The George Washington University School of Engineering and Applied Science (SEAS) and Engineering Management and Systems Engineering (EMSE) : Washington, DC, USA 24-25 October 2013. [S.I.] : Academic Conferences and Publishing International Limited, 2013. p. 457-464.

Örtenblad, A., Koris, R., Farquharson, M., Hsu, S. Business school output : a conceptualization of business school graduates // The international journal of management education (2013) Vol. 11, 2, p. 85-92.

Übi, E. Linear inequalities via least squares // Proceedings of the Estonian Academy of Sciences (2013) Vol. 62, 4, p. 238-248.

MATEMAATIKA–LOODUSTEADUSKOND

Raamatud

Ausmees, K. Synthesis of Heterobicyclo[3.2.0]heptane Derivatives via Multicomponent Cascade Reaction = Heterobitsüklo[3.2.0]heptaanide süntees multikomponentse kaskaadreaktsiooniga. Tallinn : TUT Press, 2013. 111 p. (Theses of Tallinn Technical University. B, Thesis on natural and exact sciences ; 162)

Geller, J. Detection and genetic characterization of *Borrelia* species circulating in tick population in Estonia = Eesti puugipopulatsioonis ringlevate *Borrelia* liikide tuvastamine ja geneetiline iseloomustus. Tallinn : TUT Press, 2013. 114 p. (Theses of Tallinn Technical University. B, Thesis on natural and exact sciences ; 159).

Jääger, K. Differentiation and heterogeneity of mesenchymal stem cells = Mesenhümaalsete tüvirakkude diferentseerumine ja heterogeensus. Tallinn : TUT Press, 2013. 129 p. (Theses of Tallinn Technical University. B, Thesis on natural and exact sciences ; 155).

Kabanova, N. Development of a microcalorimetric method for the study of fermentation processes = Kalorimeetrilise meetodi väljatöötamine fermentatsiooniprotsesside uurimiseks. Tallinn : TUT Press, 2013. 136 p. (Theses of Tallinn Technical University. B, Thesis on natural and exact sciences ; 151).

Kaldmäe, K., Kontson, A., Matiisen, K., Pais, E. Matemaatika õpik 9. klassile. I osa. Tallinn : Avita, c2013. 119 lk.

Калдмяэ, К., Контсон, А., Матийсен, К., Пайс, Э. Математика : 9 класс. Часть 1. Tallinn : Avita, c2013. 119 с.

Khanduri, H. Magnetic properties of functional oxides = Funktsionaalsete oksiidide magnetilised omadused. Tallinn : TUT Press, 2013. 133 p. (Theses of Tallinn Technical University. B, Thesis on natural and exact sciences ; 152).

Koppel, I. Transcriptional mechanisms of BDNF gene regulation = BDNF geeni avaldumise transkriptsioonilised mehhanismid. Tallinn : TUT Press, 2013. 140 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 164).

Kriščiunaite, T. A study of milk coagulability = Piima kalgendatavuse uurimine. Tallinn : TUT Press, 2013. 145 p. (Theses of Tallinn Technical University. B, Thesis on natural and exact sciences ; 149).

Levandi, T. Comparative study of cereal varieties by analytical separation methods and chemometrics = Teraviljasortide võrdlev uurimus analüütiliste lahutusmeetodite ja kemomeetria abil. Tallinn : TUT Press, 2013. 127 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 150).

Niidi, A. Synthesis of cyclopentane and tetrahydrofuran derivatives = Tsüklopentaanide ja tetrahüdrofuraanide süntees. Tallinn : TUT Press, 2013. 127 p. (Theses of Tallinn Technical University. B, Thesis on natural and exact sciences ; 158).

Paal, E., Oziewicz, Z. (eds.). Graph Operad Logic X. Tallinn : Astralgo, 2013. (AstrAlgo cWeb ; Vol. 2013, issue GOL X).

Paal, E., Siqveland, A. (eds.). Moduli Operads Dynamics I. Tallinn : Astralgo, 2013. (AstrAlgo cWeb ; Vol. 2013, issue MOD I).

Paal, E., Vasik, P. (eds.). Algebra Geometry Mathematical Physics VIII. AGMP VIII. Tallinn : Astralgo, 2013. (AstrAlgo cWeb ; Vol. 2012, issue AGMP VIII).

Päll, T. Studies of CD44 hyaluronan binding domain as novel angiogenesis inhibitor = CD44 hüaluroonhapet siduv domään kui uudne angiogeneesi inhibiitor. Tallinn : TUT Press, 2013. 169 p. (Theses of Tallinn Technical University. B, Thesis on natural and exact sciences ; 157).

Pärtel, E., Lõhmus, J., Loide, R.-K. Füüsika 9. klassile : soojustõpetus. Tuumaenergia. Tallinn : Koolibri, 2013. 79, [1] lk.

Smirnova, J. Investigation of properties and reaction mechanisms of redox-active proteins by ESI MS = Redoks-aktiivsete valkude omaduste ja reaktsiooni-mehhanismide uurimine ESI-MS abil. Tallinn : TUT Press, 2013. 128 p. (Theses of Tallinn Technical University. B, Thesis on natural and exact sciences ; 153).

Stulova, I. The effects of milk composition and treatment on the growth of Lactic Acid Bacteria = Piima koostise ja töötlemise mõju piimhappebakterite kasvule. Tallinn : TUT Press, 2013. 142 p. (Theses of Tallinn Technical University. B, Thesis on natural and exact sciences ; 160).

Uudelepp, H., Lõhmus, A. Eksaminandile matemaatika riigiekamist. Tallinn : Argo, 2013. 103 lk.

Varikmaa, M. Structural and functional studies of mitochondrial respiration regulation in muscle cells = Lihasrakkude mitokondriaalse hingamise regulatsiooni struktuursed ja funktsionaalsed uuringud. Tallinn : TUT Press, 2013. 147 p. (Theses of Tallinn Technical University. B, Thesis on natural and exact sciences ; 163).

Artiklid

Aav, R., Shmatova, E., Reile, I., Borissova, M., Topic, F., Rissanen, K. New chiral cyclohexylhemicucurbit[6]uril // Organic letters (2013) Vol. 15, 14, p. 3786-3789.

Abner, K., Aaviksaar, T., Adamberg, K., Vilu, R. Single-cell model of prokaryotic cell cycle // Journal of theoretical biology (2013) 341, p. 78-87.

Aid, T., Hyvärinen, S., Koel, M., Vaher, M. The pretreatment of lignocellulosic biomass with ionic liquids // UBIOCHEM IV : 4th International Workshop of COST Action CM0903 : 14-16 October, 2013, Valencia, Spain : book of abstracts. [S.l.], 2013. p. 43.

Aid, T., Koel, M., Vaher, M. Lignotselluloosse biomassi eeltöötlus ioonsete vedelikega // XXXIII Eesti Keemiapäevad : teaduskonverentsi teesid. Tallinn : Eesti Keemia Selts, 2013. lk. 11.

Bershtein, O. On *-representations of polynomial algebras in quantum matrix spaces of rank 2 // Algebra and representation theory (2013) June, [11] p.

Bikovens, O., Lepane, V., Makarõtševa, N., Dizhbite, T., Telysheva, G. The complementary use of UV, EPR and SEC to study the structural changes of humic substances during wood waste composting // Functions of natural organic matter in changing environment. Dordrecht : Springer, 2013. p. 113-117.

da Costa Lopes, A.M., Aid, T., Vaher, M., Bogel-Lukasik, R., Koel, M. Utilization of capillary electrophoresis technique to analyse sugars in ionic liquid // UBIOCHEM IV : 4th International Workshop of COST Action CM0903 : 14-16 October, 2013, Valencia, Spain : book of abstracts. [S.l.], 2013. p. 98.

Dobchev, D.A., Tulp, I., Karelson, G., Tamm, T., Tämm, K., Karelson, M. Subchronic oral and inhalation toxicities : a challenging attempt for modeling and prediction // Molecular informatics (2013) Vol. 32, 9-10, p. 793-801.

Doyle, E., Parve, J., Kudrjašova, M., Tamp, S., Müürisepp, A.-M., Villo, L., Vares, L., Pehk, T., Parve, O. Synthesis and quantitative analysis of diastereomeric linked ester conjugates with remote stereocenters using high field NMR and chiral HPLC // Chirality (2013) Vol. 25, 11, p. 793-798.

Drell, T., Lillsaar, T., Tummeleht, L., Simm, J., Aaspõllu, A., Väin, E., Saarma, I., Salumets, A., Donders, G.G.G., Metsis, M. Characterization of the vaginal micro- and mycobiome in asymptomatic reproductive-age Estonian women // PLoS ONE (2013) Vol. 8, 1, p. 1-11.

Dymerska, D., Kelve, M. et al. Lynch syndrome mutations shared by the Baltic States and Poland // Clinical genetics (2013) p. 1-4.

Friedemann, M., Tõugu, V., Kirsipuu, T., Palumaa, P. Amyloid beta 1-42 oligomerization in vitro and characterization with SDS-PAGE, MALDI and ESI MS // FEBS journal (2013) Vol. 280, Suppl. 1, p. 140-141.

- Geller, J., Nazarova, L., Katargina, O., Golovljova, I. *Borrelia burgdorferi sensu lato prevalence in tick populations in Estonia* // *Parasites and vectors* (2013) 6:202, p. 1-10.
- Geller, J., Nazarova, L., Katargina, O., Leivits, A., Järvekülg, L., Golovljova, I. *Tick-borne pathogens in ticks feeding on migratory passerines in western part of Estonia* // *Vector-borne and zoonotic diseases* (2013) Vol. 13, 7, p. 443-448.
- Gerassimenko, J., Kärblane, K., Truve, E., Sarmiento Guerin, C. et al. *The role of FeS domain in RLI for the suppression of RNA silencing* // *The non-coding genome : EMBO/EMBL Symposium* : 9-12 October 2013, Heidelberg, Germany. [S.I.], 2013. p. 181.
- Hiiesalu, I., Pärtel, M., Davidson, J., Gerhold, P., Lilje, L., Metsis, M., Moora, M., Öpik, M., Vasar, M., Zobel, M., Wilson, S.D. *Richness of arbuscular mycorrhizal fungi in relation to grassland plant richness and productivity* // *56th Symposium of the International Association for Vegetation Science "Vegetation patterns and their underlying processes" : abstracts* : 26-30 June 2013 Tartu, Estonia. Tartu : Tartu Ülikooli ökoloogia ja maateaduste instituudi botaanika osakond, 2013. p. 85.
- Hižnyakov, V., Haas, M., Pishtshev, A., Šelkan, A., Klosov, M. *Modeling of self-localized vibrations and defect formation in solids* // *Nuclear instruments and methods in physics research section B-beam interactions with materials and ato* (2013) 303, p. 91-94.
- Holzweber, M., Koel, M. et al. *Mutual Lewis acid–base interactions of cations and anions in ionic liquids* // *Chemistry : a European journal* (2013) Vol. 19, 1, p. 288-293.
- Hyvänen, S., Mikkola, J.-P., Murzin, D.Yu., Vaher, M., Kaljurand, M., Koel, M. *Sugar and sugar derivatives in ionic liquid media obtained from lignocellulosic biomass* // *UBIOCHEM IV : 4th International Workshop of COST Action CM0903* : 14-16 October, 2013, Valencia, Spain : book of abstracts. [S.I.], 2013. p. 42.
- Janno, J. *Pöördülesanded mittehomogeensete materjalide ja keskkondade omaduste määramiseks* // *Tallinna Tehnikaülikooli aastaraamat 2012*. [Tallinn] : TTÜ kirjastus, 2013. lk. 175-186.
- Kabanova, N., Stulova, I., Vilu, R. *Microcalorimetric study of growth of *Lactococcus lactis* IL1403 at low glucose concentration in liquids and solid agar gels* // *Thermochimica acta* (2013) 559, p. 69-75.
- Kaer, K., Speek, M. *Retroelements in human disease* // *Gene* (2013) Vol. 518, 2, p. 231-241.
- Kaer, K., Speek, M. *Combination of native and denaturing PAGE for the detection of protein binding regions in long fragments of genomic DNA* // *Gene regulation : methods and protocols*. New York : Springer, 2013. p. 169-181. (*Methods in molecular biology* ; 977).
- Kapp, K., Hakala, E., Orav, A. et al. *Commercial peppermint (*Mentha x piperita* L.) teas : antichlamydial effect and polyphenolic composition* // *Food research international* (2013) Vol. 53, 2, p. 758-766.
- Kapp, K., Hakala, E., Püssa, T., Orav, A., Raal, A., Hanski, L. *Polyphenolic composition and antichlamydial effect of commercial peppermint (*Mentha x piperita* L.) teas* // *Planta medica* (2013) Vol. 79, 13, p. 1224.
- Karlep, L., Reintamm, T., Kelve, M. *Intragenomic profiling using multicopy genes : the rDNA internal transcribed spacer sequences of the freshwater sponge *Ephydatia fluviatilis** // *PLoS ONE* (2013) Vol. 8, 6, p. 1-12.

Kartušinski, A., Rudi, Ü., Stock, D., Hussainov, M., Štšeglov, I., Tisler, S. 3D RANS-RSTM numerical simulation of channel turbulent particulate flow with wall roughness // 11th International Conference on Numerical Analysis and Applied Mathematics 2013 : ICNAAM-2013 : Rhodes, Greece, 21-27 September 2013. [S.I.] : AIP, 2013. (AIP conference proceedings ; 1558).

Kartušinski, A., Rudi, Ü., Stock, D., Hussainov, M., Štšeglov, I., Tisler, S., Krupenski, I. Reynolds stress turbulence model for particulate grid-generated turbulence // Proceedings of the 8th Internatinal Conference on Multiphase Flow (ICMF 2013) : Jeju, Korea, May 26-31, 2013. [S.I.], 2013. p. 1-9.

Kartušinski, A., Rudi, Ü., Stock, D., Hussainov, M., Štšeglov, I., Tisler, S., Šablinski, A. Numerical simulation of grid-generated turbulent particulate flow by three-dimensional Reynolds stress // Proceedings of the Estonian Academy of Sciences (2013) Vol. 62, 3, p. 161-174.

Kartušinski, A., Rudi, Ü., Tisler, S., Štšeglov, I., Šablinski, A. Numerical study of upward particulate pipe flows at a constant Reynolds number // Proceedings of the Estonian Academy of Sciences (2013) Vol. 62, 2, p. 97-108.

Kartušinski, A., Rudi, Ü., Tisler, S., Štšeglov, I., Šablinski, A. Numerical simulation of upward particulate pipe flows at constant Re // Proceedings of the 8th Internatinal Conference on Multiphase Flow (ICMF 2013) : Jeju, Korea, May 26-31, 2013. [S.I.], 2013. p. 1-7.

Kasemets, K., Janno, J. Inverse problems for a parabolic integrodifferential equation in a convolutional weak form // Abstract and applied analysis (2013) 2013, p. 1-16.

Kasemets, K., Janno, J. Inverse problems for parabolic integro-differential equations with two kernels // 18th International Conference on Mathematical Modelling and Analysis and 4th International Conference on Approximation Methods and Orthogonal Expansions : May 27-30, 2013, Tartu, Estonia : abstracts. Tartu : Eesti Matemaatika Selts, 2013. p. 57.

Kazarjan, J., Vaher, M., Mahlapuu, R., Hansen, M., Soomets, U., Kaljurand, M. Separation of glutathione and its novel analogues and determination of their dissociation constants by capillary electrophoresis // Electrophoresis (2013) Vol. 34, 12, p. 1820-1827.

Khanduri, H., Dimri, M.C., Vasala, S., Leinberg, S., Lõhmus, R., Ashworth, T.V., Mere, A., Krustok, J., Karppinen, M., Stern, R. Magnetic and structural studies of LaMnO₃ thin films prepared by atomic layer deposition // Journal of physics D : applied physics (2013) Vol. 46, 17, p. 1-8.

Kirsipuu, T., Laks, K., Velthut-Meikas, A., Palumaa, P. Amino acid profiling in human follicular fluid and plasma of IVF patients // FEBS journal (2013) Vol. 280, Suppl. 1, p. 282.

Kivinukk, A., Tamberg, G. Approximation by Shannon sampling operators in terms of an averaged modulus of smoothness // Proceedings of 10th International Conference on Sampling Theory and Applications. [S.I.], 2013. p. 540-543.

Kobzar, G., Mardla, V., Samel, N. Lactate is a possible mediator of the glucose effect on platelet inhibition // Platelets (2013) Early online, p. 1-7.

Kodar, K., Izotova, J., Klaamas, K., Sergejev, B., Järvekülg, L., Kurtenkov, O. Aberrant glycosylation of the anti-Thomsen-Friedenreich glycotope immunoglobulin G in gastric cancer patients // World journal of gastroenterology (2013) Vol. 19, 23, p. 3573-3582.

Koel, M. Põlevkivi fenoolid toorainena poorsete aerogeelide valmistamiseks = Oil shale phenols as raw materials for porous aerogel preparation // Põlevkivi tulevik – innovatsioon : põlevkivikonverents 2013. Kohtla-Järve : TTÜ Virumaa Kolledž, 2013. lk. 23-24.

Kolesnikov, Y., Gabovits, B., Levin, A., Veske, A., Qin, L., Dai, F., Belfer, I. Chronic pain after lower abdominal surgery : do catechol-O-methyl transferase/opioid receptor μ -1 polymorphisms contribute? // Molecular pain (2013) Vol. 9, 19, p. 1-7.

Konik, Y.A., Kananovich, D.G., Kulinkovich, O.G. Enantioselective cyclopropanation of carboxylic esters with alkyl magnesium bromides in the presence of titanium(IV) (4R,5R)-TADDOLates // Tetrahedron (2013) Vol. 69, 32, p. 6673-6678.

Ksenofontov, A., Paalme, V., Rumvolt, R., Järvekülg, L. et al. Partially disordered structure in intraviruse coat protein of potyvirus potato virus A // PLoS ONE (2013) Vol. 8, 7, p. 1-7.

Kuban, P., Seiman, A., Kaljurand, M. Sampling and quantitative analysis in capillary electrophoresis // Capillary electrophoresis and microchip capillary electrophoresis : principles, applications, and limitations. Hoboken : Wiley, 2013. p. 41-64.

Kulp, M., Bragina, O. Capillary electrophoretic study of the synergistic biological effects of alkaloids from Chelidonium majus L. in normal and cancer cells // Analytical and bioanalytical chemistry (2013) Vol. 405, 10, p. 3391-3397.

Kurik, L. Researching moisture content in the massive limestone walls of medieval churches with the use of microwave sensors // The final research report of the project "Sustainable Management of Historic Rural Churches in the Baltic Sea Region (SMC)". Tallinn : TTÜ kirjastus, 2013. p. 79-101.

Kurik, L., Sinivee, V., Lints, M., Kallavus, U. Method for data collection and integration into 3D architectural model // Innovations and advances in computer, information, systems sciences, and engineering. New York : Springer, 2013. p. 707-717. (Lecture notes in electrical engineering ; 152).

Kurvits, J., Kurvits, M. High school students' acquisition of knowledge and skills through web-based collaboration // The international journal for technology in mathematics education (2013) Vol. 20, 3, p. 95-102.

Kõllo, M., Kudrjašova, M., Kulp, M., Aav, R. Methylphosphonic acid as a 31P-NMR standard for the quantitative determination of phosphorus in carbonated beverages // Analytical methods (2013) Vol. 5, 16, p. 4005-4009.

Kännaste, A., Copolovici, L., Pazouki, L., Suhorutšenko, M., Niinemets, Ü. Highly variable chemical signatures over short spatial distances among Scots pine (*Pinus sylvestris*) populations // Tree physiology (2013) Vol. 33, 4, p. 374-387.

Kärblane, K., Gerassimenko, J., Nigul, L., Truve, E., Sarmiento, C. et al. ABCE1 is a highly conserved RNA silencing suppressor // NordForsk C. elegans Network Meeting 2013 : Denmark, March 8-10 2013. [S.I.], 2013.

Kärdi, L., Nutt, A., Saaremäe, M., Suurväli, J., Põdersoo, D., Saar, T., Tiivel, T., Rüütel Boudinot, S. Spreading of influenza A (H1N1PANDEMIC09) among Estonian blood donors and swineherds during 2010/2011 and its link to gender and Rh D, C, c, E and e antigens : [poster abstract] // Symposium "HCV animal models and vaccine development" : Thursday, 16th - Friday, 17th May 2013 Meriton Grand Conference and SPA Hotel, Tallinn, Estonia. [Tartu : University of Tartu, 2013]. p. 41.

Käämbre, T., Varikmaa, M. Energia, elu ja tervis : süsteembioloogiast, bioenergeetikast ja biomeditsiinist // Horisont (2013) 1, lk. 16-23.

Künnis-Beres, K., Kaup, E., Aaspöllu, A., Metsis, M., Sharma, B. Microbiology of the soil active layer in Antarctica // The XIth SCAR Biology Symposium Life in Antarctica Boundaries and Gradients in a Changing Environment : 15-19 July 2013, Barcelona, Spain. [S.l. : SCAR], 2013. [1] p.

Laht, P., Pill, K., Haller, E., Remm, J., Veske, A. B-plexins control microtubule dynamica and dendritic morphology in co-operation with end-binding proteins // Semaphorin function & mechanism of action : EMBO workshop : 29-31 October 2013, Cernay-la-Ville, France. [S.l.], 2013.

Laks, K., Kirsipuu, T., Dmitrijeva, T., Salumets, A., Palumaa, P. Assessment of blood contamination in biological fluids using MALDI-TOF MS // FEBS journal (2013) Vol. 280, Suppl. 1, p. 489.

Larsson, M., Vorrsjö, E., Talmud, P., Lõokene, A., Olivecrona, G. Apolipoproteins C-I and C-III inhibit lipoprotein lipase activity by displacement of the enzyme from lipid droplets // Journal of biological chemistry (2013) Vol. 288, 47, p. 33997-34008.

Leeben, A., Mikomägi, A., Lepane, V., Alliksaar, T. Fluorescence spectroscopy of sedimentary pore-water humic substances : a simple tool for retrospective analysis of lake ecosystems // Journal of soils and sediments (2013) September, p. 1-11.

Lener, M., Kulp, M., Viitak, A. et al. Can selenium levels act as a marker of colorectal cancer risk? // BMC cancer (2013) Vol. 13:214, p. 1-6.

Lilje, L., Lillsaar, T., Rätsep, R., Simm, J., Aaspöllu, A. Soil sample metagenome NGS data management for forensic investigation // Forensic science international : genetics supplement series (2013) Vol. 4, 1, p. e35-e36.

Loide, R.-K. Tehniline ülikooliharidus reformiuitutes : kõne Eesti Vabariigi 94.astapäeva aktusel 22. veebruaril 2012 TTÜ aulas // Tallinna Tehnikaülikooli aastaraamat 2012. [Tallinn] : TTÜ kirjastus, 2013. lk. 242-246.

Lopp, M. Balticum Organicum Syntheticum Tallinnas : [1.-4. juulini 2012 TTÜs] // Tallinna Tehnikaülikooli aastaraamat 2012. [Tallinn] : TTÜ kirjastus, 2013. lk. 268-272.

Lukjanova, A., Mandre, M., Saarman, G. Impact of alkalinisation of the soil on the anatomy of Norway spruce (*Picea abies*) needles // Water, air, and soil pollution (2013) Vol. 224:1620, p. 1-12.

Mars, M. Valgusreostust tekitav välisvalgustus // Elektriala (2013) 1, lk. 26-27.

Mendoza-Barberá, E., Lõokene, A. et al. Structural and functional analysis of APOA5 mutations identified in patients with severe hypertriglyceridemia // Journal of lipid research (2013) Vol. 54, 3, p. 649-661.

Meronen, O., Tammeraid, I. General control modulo and Tauberian remainder theorems for (C, 1) summability // Mathematical modelling and analysis (2013) Vol. 18, 1, p. 97-102.

Moon, J., Skibbe, D., Timofejeva, L. et al. Regulation of cell divisions and differentiation by MALE STERILITY32 is required for anther development in maize // The plant journal (2013) Vol. 76, 4, p. 592-602.

- Niidu, A., Paju, A., Müürisepp, A.-M., Järving, I., Kailas, T., Pehk, T., Lopp, M. Stereoselective synthesis of 1-methyl-1,2-and 1,3-cyclopentanediols via γ -lactones // Chemistry of heterocyclic compounds (2013) Vol. 48, 12, p. 1751-1760.
- Noole, A., Ilmarinen, K., Järving, I., Lopp, M., Kanger, T. Asymmetric synthesis of congested spiro-cyclopentaneoxindoles via an organocatalytic cascade reaction // Journal of organic chemistry (2013) Vol. 78, 16, p. 8117-8122.
- Noole, A., Malkov, A.V., Kanger, T. Asymmetric organocatalytic synthesis of spiro-cyclopropaneoxindoles // Synthesis (2013) Vol. 45, 18, p. 2520-2524.
- Noole, A., Ošeka, M., Pehk, T., Ören, M., Järving, I., Elsegood, M., Malkov, A., Lopp, M., Kanger, T. 3-Chlorooxindoles : versatile starting materials for asymmetric organocatalytic synthesis of spirooxindoles // Advanced synthesis and catalysis (2013) 355, 5, p. 829-835.
- Olspert, A., Kamsol, K., Gerassimenko, J., Truve, E., Sarmiento, C. Cocksfoot mottle virus coat protein is dispensable for the systemic infection and suppresses RNA silencing // Green viruses, from gene to landscape : Embo workshop : 7-11 September 2013, Hyères-les-Palmiers, France : programme and abstracts book. [S.l.], 2013. p. 86.
- Olspert, A., Uffert, G., Kamsol, K., Peil, L., Truve, E. Mass-spectrometric analysis of sobemovirus VPg-s reveals an unusual diversity and a novel chemical bond between RNA and a protein // Green viruses, from gene to landscape : Embo workshop : 7-11 September 2013, Hyères-les-Palmiers, France : programme and abstracts book. [S.l.], 2013. p. 47.
- Orav, A., Kapp, K., Raal, A. Chemosystematic markers for the essential oils in leaves of *Mentha* species cultivated or growing naturally in Estonia // Proceedings of the Estonian Academy of Sciences (2013) Vol. 62, 3, p. 175-186.
- Orlova, O., Tamberg, G. On approximation properties of Kantorovich-type sampling operators // 18th International Conference on Mathematical Modelling and Analysis and 4th International Conference on Approximation Methods and Orthogonal Expansions : May 27-30, 2013, Tartu, Estonia : abstracts. Tartu : Eesti Matemaatika Selts, 2013. p. 91.
- Orlova, O., Tamberg, G. On approximation properties of Kantorovich-type sampling operators // Kangro – 100 : methods of analysis and algebra : international conference dedicated to the centennial of professor Gunnar Kangro : Tartu, Estonia, September 1-6, 2013 : book of abstracts. Tartu : Estonian Mathematical Society, 2013. p. 104-105.
- Paal, E. Operadic Heisenberg-like equation // Graph Operad Logic X. Tallinn : Astralgo, 2013. (AstrAlgo cWeb ; Vol. 2013, issue GOL X).
- Palumaa, P. Copper chaperones. The concept of conformational control in the metabolism of copper // FEBS letters (2013) Vol. 587, 13, p. 1902-1910.
- Palumaa, P. Structure and functioning of copper chaperones // FEBS journal (2013) Vol. 280, Suppl. 1, p. 151.
- Papkina, J., Paalme, T., Pahtma, M., Nutt, A., Viisileht, E., Roos, K., Järvekülg, L., Rüütel Boudinot, S. PVA-VLP based melanoma peptide vaccine trial on mice : [poster abstract] // Symposium "HCV animal models and vaccine development" : Thursday, 16th - Friday, 17th May 2013 Meriton Grand Conference and SPA Hotel, Tallinn, Estonia. [Tartu : University of Tartu, 2013]. p. 33.
- Parve, O., Reile, I., Parve, J., Kasvandik, S., Kudrjashova, M., Tamp, S., Metsala, A., Villo, L., Pehk, T., Jarvet, J., Vares, L. An NMR and MD modeling insight into nucleation of 1,2-

alkanediols : selective crystallization of lipase-catalytically resolved enantiomers from the reaction mixtures // Journal of organic chemistry (2013) Vol. 78, 24, p. 12795-12801.

Petrov, F., Zusmanovich, P. On Shirshov bases of graded algebras // Israel journal of mathematics (2013) Vol. 197, 1, p. 23-28.

Pitk, P. Proteiinirikaste loomsete körvalsaaduste kooskääritamine veiselägaga : ressurss, biogaasi toodangu tōus ja kääritusjäägi omadused // TEUK XV : taastuvate energiaallikate uurimine ja kasutamine : viieteistkümnenda konverentsi kogumik : Tartu, Estonia, 2013. Tartu : Eesti Maaülikool, 2013. lk. 33-43.

Pitk, P. Biogaasi tootmisest Eestis ning biogaasi tootmisel tekkiva kääritusjäägi ja vedelsõnniku väetusomaduste võrdlus // Piimafoorum 2013. Tallinn : Eesti Põllumajandus-Kaubanduskoda, 2013. lk. 42-45.

Pitk, P. Loomakasvatuses ja lihatööstuses tekkivate loomsete körvalsaaduste kasutusvõimalused biogaasi ja orgaanilise väetise tootmiseks // Lihafoorum 2013. Tallinn : Eesti Põllumajandus-Kaubanduskoda, 2013. lk. 17-21.

Pitk, P. Triple benefit of manure and solid slaughterhouse waste rendering products co-digestion : simple concept, increased volumetric biogas production and fertilizer value // ManuREsource 2013 : International conference on manure management and valorization, December 5-6 2013, Bruges, Belgium. [S.I.], 2013.

Pitk, P., Kaparaju, P., Palatsi, J., Affes, R., Vilu, R. Co-digestion of sewage sludge and sterilized solid slaughterhouse waste : methane production efficiency and process limitations // Bioresource technology (2013) 134, p. 227-232.

Päll, T. Vimentin mechanisms on endothelial migration // Vimentin concepts and molecular mechanisms. New York : Nova Science Publishers, 2013. p. 81-96. (Protein biochemistry, synthesis, structure and cellular functions).

Quetglas, R.B., Karu-Varikmaa, M., Tepp, K., Metsis, M. et al. Regulation of respiration in permeabilized muscle cells : apparent KM for ADP shows the mitochondrial outer membrane permeability // Biophysical journal (2013) Vol. 104, 2, Suppl. 1, p. 447a-448a.

Reitel, K., Lippur, K., Järving, I., Kudrjašova, M., Lopp, M., Kanger, T. Asymmetric aminocatalytic Michael addition of cyclopropane-containing aldehydes to nitroalkenes // Synthesis (2013) Vol. 45, 19, p. 2679-2683.

Ronceret, A., Golubovskaya, I., Timofejeva, L. et al. The collection of maize meiotic mutants illuminates the process of recombination during the leptotene stage // 55th Annual Maize Genetics Conference : program and abstracts : March 14-March 17, 2013, Pheasant Run, St. Charles, Illinois. [S.I.], 2013. p. 128.

Rüütel Boudinot, S. Outbreak insights : dr Sirje Rüütel-Boudinot on how a survey of antibodies against pandemic a(H1N1)pdm09 revealed a wide spread of the "Swine flu" virus in Estonia after the 2009 outbreak [Electronic resource] // Pan European networks : science & technology (2013) 9, p. 140-141.

Saarma, M. Ajud – 21. sajandi Eesti tähtsaim loodusvara : ettekanne visiooni-konverentsil 2006 "Sünergilise Tallinn" // Hea linn : Tallinna visioonikonverentsid. Tallinn : Tallinna visiooninõukoda, 2013. lk. 125-131.

Saarma, M. Sõbralik vaade lahe teiselt kaldalt // Hea linn : Tallinna visioonikonverentsid. Tallinn : Tallinna visiooninõukoda, 2013. lk. 103-109.

Sazhin, S., Boronin, S., Kaplanski, F. et al. Jet and vortex ring-like structures in internal combustion engines : stability analysis and analytical solutions // Procedia IUTAM (2013) 8, p. 196-204.

Shmatova, E., Reile, I., Borissova, M., Topic, F., Rissanen, K., Aav, R. New chiral cyclohexylhemicucurbituril structure and complexation // Third International Conference on Cucurbiturils : 18-20 November, 2013, University of New South Wales Canberra. [S.I. : University of New South Wales], 2013. [1] p.

Simm, J., de Abril, I.M., Sugiyama, M. Tree-based ensemble multi-task learning method for classification and regression // New directions in transfer and multi-task : learning across domains and tasks. [S.I.], 2013. [5] p.

Stulova, I., Kabanova, N., Kriščiunaite, T., Taivosalo, A., Laht, T.-M., Vilu, R. Fermentation of reconstituted milk by *Streptococcus thermophilus* : effect of irradiation on skim milk powder // International dairy journal (2013) Vol. 31, 2, p. 139-149.

Suhorutšenko, M., Tamm-Rosenstein, K., Simm, J., Salumets, A., Metsis, M. The potential role of dioxin analogues in prostate cancer and male infertility – preliminary study using LNCaP cell line // Human reproduction (2013) Vol. 28, Suppl. 1, p. i310-i311.

Suurväli, J., Robert, J., Boudinot, P., Rüütel Boudinot, S. R4 regulators of G protein signaling (RGS) identify an ancient MHC-linked synteny group // Immunogenetics (2013) Vol. 65, 2, p. 145-156.

Sõmera, M., Truve, E. The genome organization of lucerne transient streak and turnip rosette sobemoviruses revisited // Archives of virology (2013) Vol. 158, 3, p. 673-678.

Zekker, I., Kroon, K., Pitk, P., Loorits, L. et al. Rapid start- up of autotrophic nitrogen removal process after inoculation with microorganisms from yeast factory anaerobic tank // TÜ ja TTÜ doktorikool "Funktionaalsed materjalid ja tehnoloogiad". [S.I.], 2013. [1] p.

Zusmanovich, P. A compendium of Lie structures on tensor products // Записки научных семинаров ПОМИ (2013) Том 414, p. 40-81.

Zusmanovich, P. On near and the nearest correlation matrix // Journal of nonlinear mathematical physics (2013) Vol. 20, 3, p. 431-439.

Zusmanovich, P. On the utility of Robinson-Amitsur ultrafilters // Journal of algebra (2013) 388, p. 268-286.

Taler-Verčič, A., Kirsipuu, T., Friedemann, M., Noormägi, A., Smirnova, J., Palumaa, P. et al. The role of initial oligomers in amyloid fibril formation by human stefin B // International journal of molecular sciences (2013) Vol. 14, 9, p. 18362-18384.

Talts K., Ojangu E.-L., Ihoma E., Paves H., Truve E. Interplay between myosins and auxin in *Arabidopsis* // 7th EPSO Conference Plants for a Greening Economy : Porto Heli, Greece, 01-04 September 2013. [S.I.] : European Plant Science Organisation, 2013. p. 144.

Tamberg, G. Approximation error of generalized Shannon sampling operators with bandlimited kernels in terms of an averaged modulus of smoothness // Kangro – 100 : methods of analysis and algebra : international conference dedicated to the centennial of professor Gunnar Kangro : Tartu, Estonia, September 1-6, 2013 : book of abstracts. Tartu : Estonian Mathematical Society, 2013. p. 133-134.

Tamberg, G. On some truncated Shannon sampling series // Sampling theory in signal and image processing (2013) Vol. 12, 1, p. 21-32.

- Tamberg, G. On truncation error of Kantorovich-type sampling operators // 18th International Conference on Mathematical Modelling and Analysis and 4th International Conference on Approximation Methods and Orthogonal Expansions : May 27-30, 2013, Tartu, Estonia : abstracts. Tartu : Eesti Matemaatika Selts, 2013. p. 128.
- Tamberg, G. Approximation error of generalized Shannon sampling operators with bandlimited kernels in terms of an averaged modulus of smoothness // Dolomites research notes on approximation (2013) Vol. 6, p. 74-82.
- Tamm, A., Peikolainen, A.-L., Koel, M. et al. Atomic layer deposition of high-k dielectrics on carbon nanoparticles // Thin solid films (2013) 538, p. 16-20.
- Tammiku-Taul, J., Karelson, M., Dobchev, D.A. Fragment-based QSAR for the prediction of novel Trk inhibitors // XIV European Symposium of Organic Reactivity (ESOR XIV) : book of abstracts. Prague, 2013. p. 181.
- Tamm-Rosenstein, K., Simm, J., Suhorutšenko, M., Salumets, A., Metsis, M. Changes in the transcriptome of the human endometrial Ishikawa cancer cell line induced by estrogen, progesterone, tamoxifen, and mifepristone (RU486) as detected by RNA-sequencing // PLoS ONE (2013) Vol. 8, 7, p. 1-13.
- Tiiman, A., Noormägi, A., Friedemann, M., Krishtal, J., Palumaa, P., Tõugu, V. Effect of agitation on the peptide fibrillization: Alzheimer's amyloid- b peptide 1-42 but not amylin and insulin fibrils can grow under quiescent conditions // Journal of peptide science (2013) Vol. 19, 6, p. 386-391.
- Tiiman, A., Palumaa, P., Tõugu, V. The missing link in the amyloid cascade of Alzheimer's disease – metal ions // Neurochemistry international (2013) Vol. 62, 4, p. 367-378.
- Timofejeva, L. Preparing thin sections of meiotic nuclei for transmission electron microscopy // Plant meiosis : methods and protocols. New York : Humana Press, 2013. p. 167-174. (Methods in molecular biology ; 990).
- Timofejeva, L., Skibbe, D., Lee, S. et al. Cytological characterization and allelism testing of anther developmental mutants identified in a screen of maize male sterile lines // G3 : genes, genomes, genetics (2013) Vol. 3, 2, p. 231-249.
- Toompuu, M., Kärblane, K., Sarmiento, C., Truve, E. The role of human RLI in cell proliferation and translational regulation // The 5th EMBO meeting 2013 : Amsterdam, 21-24 September. [S.I.], 2013. p. 24.
- Toompuu, M., Kärblane, K., Sarmiento, C., Truve, E. The role of human RLI in cell proliferation and translational regulation // RNA 2013 : The 18th Annual Meeting of the RNA Society : June 11th-16th, Congress Center Davos, Davos, Switzerland. [S.I.] : RNA Society, 2013. p. 232.
- Tõnno, I., Kirsi, A.-L., Freiberg, R., Alliksaar, T., Lepane, V., Köiv, T., Kisand, A., Heinsalu, A. Ecosystem changes in large and shallow Võrtsjärv, a lake in Estonia - evidence from sediment pigments and phosphorus fractions // Boreal environment research (2013) Vol. 18, 3-4, p. 195-208.
- Valgepea, K., Adamberg, K., Seiman, A., Vilu, R. Escherichia coli achieves faster growth by increasing catalytic and translation rates of proteins // Molecular biosystems (2013) 9, p. 2344-2358.

MEHAANIKATEADUSKOND

Vallmann, K., Kivisild, C., Lopp, A. Stress protein HSP70 from marine sponge *T. muricata* // Abstracts : ninth world sponge conference 2013. Fremantle, 2013. p. 170.

Varvas, K., Kasvandik, S., Hansen, K., Järving, I., Morell, I., Samel, N. Structural and catalytic insights into the algal prostaglandin H synthase reveal atypical features of the first non-animal cyclooxygenase // Biochimica et biophysica acta : molecular and cell biology of lipids (2013) Vol. 1831, 4, p. 863-871.

Velthut-Meikas, A., Simm, J., Tuuri, T., Tapanainen, J.S., Metsis, M., Salumets, A. Research resource : small RNA-seq of human granulosa cells reveals miRNAs in FSHR and aromatase genes // Molecular endocrinology (2013) Vol. 27, 7, p. 1128-1141.

Velthut, A., Zilmer, M., Zilmer, K., Kaart, T., Karro, H., Salumets, A. Elevated blood plasma antioxidant status is favourable for achieving IVF/ICSI pregnancy // Reproductive BioMedicine online (2013) Vol. 26, 4, p. 345-352.

Veske, A. Eesti autori geneetikaõpik // Horisont (2013) 2, lk. 59.

Wärmlander, S., Tiiman, A., Abelein, A. et al. Biophysical studies of the amyloid beta-peptide : interactions with metal ions and small molecules // Chembiochem : a European journal of chemical biology (2013) Vol. 14, 14, p. 1692-1704.

Öpik, M., Zobel, M., Metsis, M. et al. Global sampling of plant roots expands the described molecular diversity of arbuscular mycorrhizal fungi // Mycorrhiza (2013) Vol. 23, 5, p. 411-430.

MEHAANIKATEADUSKOND

Raamatud

Aleksandrov, D. Light-weight multicopter structural design for energy saving = Kergklassi multikopteri energiatarbe vähendamise konstruktsioonilised lahendused. Tallinn : TUT Press, 2013. 91 p. (Theses of Tallinn University of Technology. E, Thesis on mechanical engineering ; 80).

Goljandin, D. Disintegrator milling system development and milling technologies of different materials = Desintegraatorjahvatussüsteemi arendus ja erinevate materjalide desintegraatorjahvatustehnoloogiad. Tallinn : TUT Press, 2013. 128 p. (Theses of Tallinn University of Technology. E, Thesis on mechanical engineering ; 79).

Hiimaa, M. Motion planner for skid-steer unmanned ground vehicle = Liikumise plaanija külisroolimisega mehitamata maasõidukile. Tallinn : TUT Press, 2013. 91 p. (Theses of Tallinn University of Technology. E, Thesis on mechanical engineering ; 78).

Hussainova, I. (ed.). Engineering materials and tribology. [S.l.] : Trans Tech Publications, 2013. 270 p. (Key engineering materials ; 527).

Kask, Ü. Kaugküte : mugav, töhus ja soodne : teatmik kohalike omavalitsuste spetsialistidele, kinnisvara arendajatele ja haldajatele, korteriühistute juhtidele. Tallinn : [Eesti Jõujaamade ja Kaugkütte Ühing], 2013. 32 lk.

Kenk, K., Kirs, J. Mehaanika alused. Staatika. Kinemaatika : õpik kõrgkoolidele. Tallinn : TTÜ kirjastus, 2013. 484 lk.

Kenk, K., Kirs, J. Mehaanika alused. Dünaamika. Analüütiline mehaanika : õpik kõrgkoolidele. Tallinn : TTÜ kirjastus, 2013. 471 lk.

Konist, A. Environmental aspects of oil shale power production = Põlevkivienergeetika keskkonnatehnilised aspektid. Tallinn : TUT Press, 2013. 131 p. (Theses of Tallinn University of Technology. E, Thesis on mechanical engineering ; 74).

Kübarsepp, J., Kulu, P., Laansoo, A., Karjust, K., Saarna, M. ; (koost.). Kübarsepp, J., Kulu, P. Materjalitehnika seletav sõnaraamat : eesti, inglise, vene. Tallinn : TTÜ kirjastus, 2013. 438 lk.

Laansoo, A. (tlk.). Keevitajate atesteerimine : sulakeevitus. Osa 1, Terased = Qualification test of welders : fusion welding. Part 1, Steels. Tallinn : Eesti Standardikeskus, 2013. II, 36 lk. (Eesti standard ; EVS-EN 287-1:2011).

Laansoo, A. (tlk.). Metallide keevitusprotseduuride spetsifitseerimine ja atesteerimine. Keevitusprotseduuri katse. Osa 1, Teraste gaas- ja kaarkeevitus 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 15614-1:2004+A1:2008+A2:2012). Tallinn : Eesti Standardikeskus, 2013. II, 33 lk. koos kaanega. (Eesti standard ; EVS-EN ISO 15614-1:2004+A1:2008+A2:2012).

Lillepea, L. (tlk.) ; Laaneots, R. (toim.) Toote geomeetrilised spetsifikatsioonid (GPS). Töödeldavate detailide ja mõõtevahendite kontrollimine mõõtmete alusel. Osa 3, Mõõtemääramatuse hinnangute ühisarusaamale jõudmise juhised = Geometrical product specifications (GPS). Inspection by measurement of workpieces and measuring equipment. Part 3, Guidelines for achieving agreements on measurement uncertainty statements (ISO 14253-3:2011). Tallinn : Eesti Standardikeskus, 2013. II, 16, [1] lk. koos kaanega. (Eesti standard EVS-EN ISO 14253-3:2011).

Lillepea, L. (tlk.) ; Laaneots, R. (toim.). Toote geomeetrilised spetsifikatsioonid (GPS). Töödeldavate detailide ja mõõtevahendite kontrollimine mõõtmete alusel. Osa 4, Funktsionaalsuse piiridega ja spetsifikatsiooni piiridega seonduv vastavuse töendamiste reeglite taust = Geometrical product specifications (GPS). Inspection by measurement of workpieces and measuring equipment. Part 4, Background on functional limits and specification limits in decision rules (ISO/TS 14253-4:2010). Tallinn : Eesti Standardiamet, 2013. II, 21 lk. koos kaanega. (Tehniline spetsifikatsioon CEN ISO/TS 14253-4:2010).

Lillepea, L. (tlk.) ; Laaneots, R. (toim.). Toote geomeetrilised spetsifikatsioonid (GPS). Alused. Käsitlusviisid, põhimõtted ja reeglid = Geometrical product specifications (GPS). Fundamentals. Concepts, principles and rules (ISO 8015:2011). Tallinn : Eesti Standardikeskus, 2013. 14 lk. (Eesti standard EVS-EN ISO 8015:2011).

Lõun, K. Company's strategy based formation of e-workplace performance in the engineering industry = E-töökoha võimekuse kujundamine lähtuvalt masinatööstusettevõtte tegevusstrateegiast. Tallinn : TUT Press, 2013. 172 p. (Theses of Tallinn University of Technology. E, Thesis on mechanical engineering ; 77).

Miljan, J., Kask, Ü. (koost.). Pilliroog ja selle kasutamise võimalused. Tartu : Eesti Maaülikool, 2013. 102, [2] lk.

Paist, A., Plamus, K. Lokaalkatlamajad : [õppematerjal]. Tallinn : TTÜ kirjastus, 2013. 111 lk.

Roos, I. Methodology for calculating CO₂ emission from Estonian Shale Oil Industry = CO₂ emissiooni arvutusmeetod Eesti põlevkivistööstusele. Tallinn : TUT Press, 2013. 133 p. (Theses of Tallinn Technical University. E, Thesis on mechanical engineering ; 75).

Sell, R. (koost.). Õpisituatsioonid mehhaproonikas ja robootikas. Tallinn : ITT Group, c2013. 223 lk.

Sell, R. (ed.). Learning situations in an embedded system : NetLab project. Tallinn : Robolabor.ee, 2013. 223, [2] p.

Shvarts, D. Global 3D map merging methods for robot navigation = 3D globaalkaardi ühendamise meetodid roboti navigeerimiseks. Tallinn : TUT Press, 2013. 87 p. (Theses of Tallinn University of Technology. E, Thesis on mechanical engineering ; 76).

Zikin, A. Advanced multiphase tribo-functional PTA hardfacings = Mitmefaasilised kulumiskindlad PTA-keevispinded. Tallinn : TUT Press, 2013. 135 p. (Theses of Tallinn Technical University. E, Thesis on mechanical engineering ; 73).

Tammaru, T. (tlk.). Õppeteenused mitteformaalses hariduses ja koolituses. Põhinõuded teenusepakkujatele = Learning services for non-formal education and training. Basic requirements for service providers (ISO 29990:2010). Tallinn : Eesti Standardikeskus, 2013. 16 lk. (Eesti standard EVS-ISO 29990:2013).

Tiidemann, M., Tiidemann, T. (tlk.). Toote geomēetrilised spetsifikatsioonid (GPS) : mõõtmeline tolereerimine. Osa 1, Joonmõõtmed = Geometrical product specifications (GPS) : dimensional tolerancing. Part 1, Linear sizes (ISO 14405-1:2010). Tallinn : Eesti Standardikeskus, 2013. II, 37 lk. koos kaanega. (Eesti standard ; EVS-ISO 14405-1:2010).

Tiidemann, M., Tiidemann, T., (tlk.) ; Laaneots, R. (toim.) Toote geomēetrilised spetsifikatsioonid (GPS). Geomeetriline tolereerimine. Kuju-, suuna-, asendi- ja viskumistolerantsid = Geometrical product specifications (GPS). Geometrical tolerancing. Tolerances of form, orientation, location and run-out (ISO 1101:2012, including Cor 1:2013). Tallinn : Eesti Standardikeskus, 2013. 105 lk. (Eesti standard EVS-EN ISO 1101:2013).

Tiidemann, M., Tiidemann, T. (tlk.) ; Laaneots, R. (toim.). Üldtolerantsid. Osa 1, Tolerantsid joon- ja nurkmõõtmetele tolerantse vahetult näitamata = General tolerances. Part 1, Tolerances for linear and angular dimensions without individual tolerance indications. Tallinn : Eesti Standardikeskus, 2013. 9 p. (Eesti standard EVS-EN 22768-1:1999).

Artiklid

Aghayan, M., Hussainova, I., Gasik, M., Kutuzov, M., Friman, M. Coupled thermal analysis of novel alumina nanofibers with ultrahigh aspect ratio // Thermochimica acta (2013) 574, p. 140-144.

Aleksandrov, D., Penkov, I. Optimization of lift force of mini quadrotor helicopter by changing of gap size between rotors // Mechatronic systems and materials IV. Durnten-Zurich : Trans Tech Publications, c2013. p. 226-231. (Solid state phenomena ; 198).

Aleksandrov, D., Penkov, I. Rotor lifting force optimization by changing dimensions of rim around it // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.I.] : Elektriajam, 2013. p. 292-295.

Antonov, M., Goljandin, D., Andreev, A., Voltšihhin, N., Hussainova, I. Sliding wear behaviour of basalt containing composites with additions of either metallic and/or ceramic phases //

BaltTrib 2013 : VII International Scientific Conference : proceedings. Kaunas : Aleksandras Stulginskis University, 2013. p. 67-72.

Antonov, M., Hussainova, I., Adoberg, E. Effect of loading system inertia on tribological behaviour of ceramic–ceramic, ceramic–metal and metal–metal dry sliding contacts // Tribology international (2013) 65, p. 207-214.

Antonov, M., Veinthal, R., Huttunen-Saarivirta, E., Hussainova, I., Vallikivi, A., Lelis, M., Priss, J. Effect of oxidation on erosive wear behaviour of boiler steels // Tribology international (2013) 68, p. 35-44.

Anvelt, J., Riives, J. MECA teel kõrgtehnoloogilise tootmisse suunas // Inseneeria (2013) 1, lk. 30-31.

Arak, M. Robotex // Teadushuvihariduse konverentsi kogumik : 15. november 2013, Tallinn. [Tartu] : Eesti Teadusagentuur, [2013]. lk. 26.

Arjassov, G., Baraškova, T., Gornostajev, D. Estimation of the improved method of grids and application for dynamic solution // DAAAM International scientific book 2013. Vienna : DAAAM International Vienna, 2013. p. 571-586.

Arjassov, G., Gornostajev, D. The calculation of round plates under the action of local loading by generalized functions // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.I.] : Elektriajam, 2013. p. 296-299.

Arjassov, G., Žigailov, S. Approximation of limit amplitudes of stresses // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.I.] : Elektriajam, 2013. p. 332-333.

Arjassov, G., Žigailov, S. Optimal design of system of cross-beams // Mechatronic systems and materials IV. Durnten-Zurich : Trans Tech Publications, c2013. p. 675-680. (Solid state phenomena ; 198).

Aruniit, A., Kers, J., Krumme, A., Antonov, M., Allikas, G., Herranen, H., Pabut, O. Wear resistance influencers of particle reinforced polymer composite // Proceedings of 19th International Conference on Composite Materials (ICCM19). [S.I.], 2013.

Auriemma, F., Rämmal, H., Lavrentjev, J. Application of novel micro-grooved elements to small engine silencer // SAE Technical Papers (2013) 2013-32-9001, [10] p.

Auriemma, F., Rämmal, H., Lavrentjev, J. Micro-grooved elements – a novel solution for noise control // SAE international journal of material and manufacturing (2013) Vol. 6, 3, p. 599-610.

Braunbrück, A., Majak, J. Characterisation of exponentially graded materials by ultrasound // ICCS17 : 17th International Conference on Composite Structures : Portugal 17-21 June 2013 : book of abstracts. [Porto], 2013. p. 55.

Corral, E., Arjassov, G., Meneses, J. A quasi-static approach to optimize the motion of an UGV depending on the track profile // The 9th International Conference Mechatronics Systems and Materials : MSM-2013 : abstracts. Vilnius : Technika, 2013. p. 41-42.

Dedov, A., Klevtsov, I., Lausmaa, T. Experience in integrity assessment of steam turbine casings operated beyond the design lifetime // Baltica IX : International Conference on Life

Management and Maintenance for Power Plants : Helsinki-Stockholm-Helsinki, 11-13 June, 2013. Espoo : VTT, 2013. p. 619-629.

Dhoska, K., Kübarsepp, T. Metrological problem mapping for coordinate measuring machines // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.I.] : Elektriajam, 2013. p. 312-316.

Freidin, A., Filippov, R., Hussainova, I., Vilchevskaya, E. Critical radius in the effect of transformation toughening of zirconia doped ceramics and cermets // Engineering materials and tribology. [S.I.] : Trans Tech Publications, 2013. p. 68-73. (Key engineering materials ; 527).

Gornostajev, D., Arjassov, G. Development of the calculation method of plates for optimization of barge hull thickness // The 9th International Conference Mechatronics Systems and Materials : MSM-2013 : abstracts. Vilnius : Technika, 2013. p. 77-78.

Gutsev, D., Antonov, M., Hussainova, I., Grigoriev, A.Y. Effect of SiO₂ and PTFE additives on dry sliding of NiP electroless coating // Tribology international (2013) 65, p. 295-302.

Hanschmidt, K., Tätte, T., Hussainova, I. et al. Optimization of mechanical strength of titania fibers fabricated by direct drawing // Applied physics. A, Materials science & processing (2013) Vol. 113, 3, p. 663-671.

Harf, M., Grossschmidt, G. Multi-pole modelling and intelligent simulation environment for fluid power systems // ESM '2013 : The 2013 European Simulation and Modelling Conference, Modelling and Simulation : October 23-25, 2013, Lancaster University, Lancaster, UK : [proceedings]. Ostend : EUROSIS-ETI, 2013. p. 247-254.

Herranen, H., Lend, H., Kuusik, A., Czichon, S., Kers, J., Piirlaid, M. Foreign object induced fiber undulation influence on mechanical properties of composite laminate // International Conference on Composite Materials 2013 (ICCM-19) : Montreal, Quebec, Canada, 28 July-2 August 2013 : [proceedings]. Montreal : Canadian Association for Composite Structures and Materials, 2013. p. 837-844.

Herranen, H., Saar, T., Gordon, R., Pohlak, M., Lend, H. Durability performance of semiconductor strain gauges in GFRP laminate // Proceedings of the 6th ECCOMAS Thematic Conference on Smart Structures and Materials, SMART 2013 : Turin, Italy, June 24-26, 2013. Torino : Politecnico di Torino, 2013. p. 1-14.

Hudjakov, R., Tamre, M. Orthophoto classification for UGV path planning using heterogeneous computing // International journal of advanced robotic systems (2013) 10, [7] p.

Hudjakov, R., Tamre, M. Long-range navigation for unmanned off-road ground vehicle // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.I.] : Elektriajam, 2013. p. 330-331.

Hussainova, I., Antonov, M., Kübarsepp, J. Advanced cermets as tribomaterials // Proceedings of the 5th World Tribology Congress : WTC13 : September 8-13, 2013, Torino, Italy. [S.I.] : Italian Tribology Association, 2013.

Hussainova, I., Voltšihhin, N., Cura, E., Hannula, S.-P. Processing and properties of zirconia toughened WC-based cermets // Proceedings of the 37th Int'l Conf & Expo on Advanced Ceramics & Composites (ICACC 2013). [S.I.] : The American Ceramic Society, 2013. 1-7.

Hvizdoš, P., Besterici, M., Kulu, P., Kavačkaj, T. Tribological characteristics of copper based composites with Al₂O₃ particles at various temperatures // High temperature materials and processes (2013) Vol. 32, 5, p. 437-442.

Hvizdoš, P., Kulu, P., Besterici, M. Tribological parameters of copper-alumina composite // Engineering materials and tribology. [S.I.] : Trans Tech Publications, 2013. p. 191-196. (Key engineering materials ; 527).

Ivanov, R., Anoshkin, I., Nasibulin, A., Hussainova, I., Kauppinen, E. A novel alumina – nanocarbon hybrid material // NT13: Fourteenth International Conference on the Science and Applications of Nanotubes : 24-28 June, 2013, Espoo, Finland. [Espoo] : Aalto University Foundation, 2013. p. 309.

Juhani, K., Pirso, J., Tarraste, M., Viljus, M., Letunovitš, S. Reactive sintering of WC-Cr-Co hardmetals [Electronic resource] // Proceedings of the 18th Plansee Seminar : International Conference on Refractory Metals and Hard Materials : Reutte/Austria, 3-7 June, 2013. [S.I.] : PLANSEE SE, 2013. [CD-ROM].

Jõeleht, M., Pirso, J., Juhani, K., Viljus, M. The influence of TiC powder to reactive sintered TiC-NiMo cermets microstructure and mechanical properties [Electronic resource] // Proceedings of the 18th Plansee Seminar : International Conference on Refractory Metals and Hard Materials : Reutte/Austria, 3-7 June, 2013. [S.I.] : PLANSEE SE, 2013. p. HM 71/1-HM 71/7 [CD-ROM].

Kabral, R., Rämmal, H., Abom, M. Acoustical methods for investigating turbocharger flow instabilities // SAE Technical Papers (2013) 2013-01-1879.

Kaganski, S., Snatkin, A., Paavel, M., Karjust, K. Selecting the right KPIs for SMEs production with the support of PMS and PLM // International journal of research in social sciences (2013) Vol. 3, 1, p. 69-76.

Kask, Ü. Eesti Biokütuste Ühing 15 // Eesti põlevloodusvarad ja -jäätmel (2013) Eesti Biokütuste Ühing 15, lk. 2, 47.

Kask, Ü. Märgalataimede konverents Grefswaldis // Eesti põlevloodusvarad ja -jäätmel (2013) Eesti Biokütuste Ühing 15, lk. 47.

Kask, Ü. Pilliroo lõikamine kütuseks // Pilliroog ja selle kasutamise võimalused. Tartu : Eesti Maaülikool, 2013. lk. 18-19.

Kask, Ü., Kask, L. Pilliroog kütuseks // Pilliroog ja selle kasutamise võimalused. Tartu : Eesti Maaülikool, 2013. lk. 79-89.

Kask, Ü., Kask, L. Pilliroo ressursid ja saagikus // Pilliroog ja selle kasutamise võimalused. Tartu : Eesti Maaülikool, 2013. lk. 9-10.

Kask, Ü., Kask, L. Pilliroog ja selle kasutus // Eesti Loodus (2013) 2, lk. 48-51.

Kask, Ü., Kask, L., Link, S. Combustion characteristics of reed and its suitability as a boiler fuel // Mires and peat (2013) Vol. 13, Art. 5, p. 1-10.

Kask, Ü., Kask, L., Link, S. Essential properties of reed and their influence on combustion equipment // International Conference on the Utilization of Emergent Wetland Plants. Reed as a Renewable Resource, Greifswald, Germany, February 14-16. [S.I.], 2013.

Kask, Ü., Vares, V. Termokeemiline muundamine // Eesti põlevloodusvarad ja -jäätmel (2013) Eesti Biokütuste Ühing 15, lk. 22-26.

Katušin, D., Antonov, M., Minh, T.V., Yung, D.-L. Laboratory testing of materials for tunnel boring machine drag bits // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.I.] : Elektriajam, 2013. p. 300-303.

Kiitam, A., Tammaru, T. Role of excellence models in national quality policy of Estonia : experience 1993-2013 // Proceedings of 57th EOQ Congress, "Co-creating a Viable Future" Tallinn, Estonia, 17-20 June 2013. [S.I.] : European Organization for Quality, 2013. p. 147-153.

Kimmari, E., Podgurski, V., Simunin, M., Adoberg, E., Surženkov, A., Viljus, M., Hartelt, M., Wäsche, R., Sildos, I., Kulu, P. Tribological behavior of carbon nanofibers deposited on hard nanocomposite (nc-Ti_{1-x}Al_xN)/(a-Si₃N₄) coating // Surface & coatings technology (2013) 225, p. 21-25.

Коммель, Л. Исследование методом наноиндетирования микромеханических свойств полос сдвига в нанокристаллическом чистом ниобии, полученном при интенсивной пластической деформации // НАНО 2013 : в Всероссийская конференция по наноматериалам : сборник материалов : 23-27 сентября 2013 г., г. Звенигород. Москва : ИМЕТ РАН, 2013. с. 414-416.

Kommel, L., Kimmari, E., Saarna, M., Viljus, M. Processing and properties of bulk ultrafine-grained pure niobium // Journal of materials science (2013) Vol. 48, 13, p. 4723-4729.

Kommel, L., Tamm, T., Metsvahi, R. Effects of new superhard phases formation on properties of composite processed by SHS // Engineering materials and tribology. [S.I.] : Trans Tech Publications, 2013. p. 137-142. (Key engineering materials ; 527).

Konist, A., Pihu, T., Nešumajev, D., Külaots, I. Low grade fuel - oil shale and biomass co-combustion in CFB boiler // Oil shale (2013) Vol. 30, 2S, p. 294-304.

Konist, A., Pihu, T., Nešumajev, D., Siirde, A. Oil shale pulverized firing : boiler efficiency, ash balance and flue gas composition // Oil shale (2013) Vol. 30, 1, p. 6-18.

Kulu, P. Eesti ja Läti ülikoolide ja tööstuse sidemed mehaanikas // Tallinna Tehnikaülikooli aastaraamat 2012. [Tallinn] : TTÜ kirjastus, 2013. lk. 57-60.

Kulu, P. Neljakümne aasta järel uus käsiraamat mehaanikainseneridele : sõnavõtt "Mehaanikainseneri käsiraamatu" esitlusel 21. juunil 2012 TTÜ raamatukogus // Tallinna Tehnikaülikooli aastaraamat 2012. [Tallinn] : TTÜ kirjastus, 2013. lk. 279-281.

Kulu, P., Zikin, A., Surženkov, A., Tarbe, R. Structure and properties of HVOF-sprayed and PTA-welded cermet hard phase reinforced Fe-matrix based coatings // 2nd Mediterranean Conference & New Challenges on Heat Treatment and Surface Engineering : Dubrovnik-Cavtat, Croatia, 11-14 June 2013. Zagreb, 2013. p. 37-44.

Kulu, P., Tarbe, R., Zikin, A., Sarjas, H., Surženkov, A. Abrasive wear resistance of recycled hardmetal reinforced thick coating // Engineering materials and tribology. [S.I.] : Trans Tech Publications, 2013. p. 185-190. (Key engineering materials ; 527).

Kuznetcov, A., Žigailov, S. Design of orthoses for correction of human gait // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.I.] : Elektriajam, 2013. p. 289-291.

Käerdi, H., Goljandin, D., Kulu, P., Sarjas, H., Mikli, V. Characterization of mechanically milled cermet powders produced by disintegrator technology // Engineering materials and tribology. [S.I.] : Trans Tech Publications, 2013. p. 148-153. (Key engineering materials ; 527).

Källo, R., Eerme, M., Reedik, V. Ways of increasing synergy in automated factory design and commissioning teamwork // Materials science and engineering B (2013) Vol. 3, 9, p. 597-604.

Kübarsepp, J., Klaasen, H., Tsinjan, A., Juhani, K., Kollo, L., Viljus, M. Influence of pressurized sintering on the performance of TiC-based cermets // Engineering materials and tribology. [S.I.] : Trans Tech Publications, 2013. p. 56-61. (Key engineering materials ; 527).

Kübarsepp, J., Pirso, J., Juhani, K. Influence of sintering technology on cermet performance // BALTRIB'2013 : VII International Scientific Conference : 14-15 November 2013, Kaunas, Lithuania : proceedings. Kaunas : ASU Leidybos centras, 2013. p. 56-61.

Laaneots, R. Ainulaadselt metroloogiast : sõnavõtt õpiku "Metroloogia" esitlusel 18. detsembril 2012 TTÜs // Tallinna Tehnikaülikooli aastaraamat 2012. [Tallinn] : TTÜ kirjastus, 2013. lk. 284-285.

Laaneots, R. Mõõteviga ja määramatus // Inseneeria (2013) 10, lk. 42-43.

Lille, H., Kõo, J., Ryabchikov, A., Reitsnik, R., Veinthal, R., Mikli, V., Sergejev, F. Investigation of residual stresses and some elastic properties of brush-plated gold and silver galvanic coatings // Engineering materials and tribology. [S.I.] : Trans Tech Publications, 2013. p. 125-130. (Key engineering materials ; 527).

Link, S., Kask, Ü., Paist, A., Arvelakis, S., Hupa, M., Yrjas, P., Külaots, I. Reed as gasification fuel compared to woody fuels // International Conference on the Utilization of Emergent Wetland Plants. Reed as a Renewable Resource, Greifswald, Germany, February 14-16. [S.I.], 2013.

Link, S., Kask, Ü., Paist, A., Siirde, A., Külaots, I. et al. Reed as a gasification fuel : a comparison with woody fuels // Mires and peat (2013) Vol.13, Art. 4, p. 1-12.

Lõun, K., Lavin, J., Riives, J., Otto, T. High performance workplace design model // Estonian journal of engineering (2013) Vol. 19, 1, p. 47-61.

Majak, J., Eerme, M., Lepikult, T., Tungel, E. Nanoscale vibration analysis of orthotropic graphene sheets // ICCS17 : 17th International Conference on Composite Structures : Portugal 17-21 June 2013 : book of abstracts. [Porto], 2013.

Majak, J., Kirs, M., Mikola, M., Heero, M., Herranen, H. Nanoscale vibration analysis of graphene sheets using nonlogical elasticity theory // ICCE 21 proceedings. [New Orleans], 2013.

Maleki, M., Ševtšenko, E., Cruz-Machado, V. Development of supply chain integration model through application of analytic network process and bayesian network // International journal of integrated supply management (2013) Vol. 8, p. 67-89.

Mašatin, V., Volkova, A., Hlebnikov, A. Reduction of heat loss in the district heating network by the replacement of pipe insulation using prefabricated polyurethane foam shells // DHC13 : the 13th International Symposium on District Heating and Cooling : September 3rd to September 4th, 2012, Copenhagen, Denmark. [Copenhagen], 2013. p. 163-166.

Michałczewski, R., Piekoszewski, W., Szczerek, M., Tuszyński, W., Antonov, M. The rolling contact fatigue of PVD coated spur gears // Engineering materials and tribology. [S.I.] : Trans Tech Publications, 2013. p. 77-82. (Key engineering materials ; 527).

Michałczewski, R., Szczerek, M., Tuszyński, W., Wulczynski, J., Antonov, M. The effect of low-friction PVD coatings on scuffing and pitting resistance of spur gears // Tribologia : teoria i praktyka (2013) 5/2013, p. 55-66.

Mural, Z., Kollo, L., Kallip, K., Traksmaa, R., Veinthal, R. High-energy ball milling of Nd-Fe-B powders // Proceedings of the Applied Magnetic Materials 2013 Conference. Tampere : Tampere University of Technology, [2013]. p. 12-16.

Müller, I., Johannsen, U., Linke, U., Socaciu-Siebert, L., Smid, M., Porrovecchio, G., Sildoja, M., Manoocheri, F., Ikonen, E., Gran, J., Kübarsepp, T., Brida, G., Werner, L. Predictable quantum efficient detector. II, Characterization and confirmed responsivity // Metrologia (2013) Vol. 50, 4, p. 395-401.

Otto, T. DAAAM Baltic - samm-sammult suuremate eesmärkide poole // Tallinna Tehnikaülikooli aastaraamat 2012. [Tallinn] : TTÜ kirjastus, 2013. lk. 264-265.

Otto, T. Preface. Selected papers of the 8th International Conference on Industrial Engineering, DAAAM Baltic 2012 // Estonian journal of engineering (2013) Vol. 19, 1, p. 3.

Paavel, M., Snatkin, A., Karjust, K. PLM optimization with cooperation of PMS in production stage // Archives of materials science and engineering (2013) Vol. 60, 1, p. 38-45.

Paist, A. Soojuse ja elektri koostootmise tehnoloogiatest // Eesti põlevloodusvarad ja -jäätmel (2013) Eesti Biokütuste Ühing 15, lk. 6-9.

Paist, A. Eesti tehnikateadlane, põlevkivienergeetika alusepanijaid Evald Maltenek // Tallinna Tehnikaülikooli aastaraamat 2012. [Tallinn] : TTÜ kirjastus, 2013. lk. 55-56.

Parker, M., Pokatilov, A., Kübarsepp, T., Märtsens, O., Kolyshkin, A. Investigation of planar coil for eddy current conductivity measurements in wide frequency range // 19th Symposium IMEKO TC 4 Symposium and 17th IWADC Workshop Advances in Instrumentation and Sensors Interoperability, July 18-19, 2013, Barcelona, Spain. [S.I.], 2013. p. 55-59.

Podgursky, V., Bogatov, A., Freund, M., Kulu, P. Influence of surface morphology on the tribological behavior of diamond-like carbon coating // Engineering materials and tribology. [S.I.] : Trans Tech Publications, 2013. p. 83-91. (Key engineering materials ; 527).

Pohlak, M., Majak, J., Karjust, K., Herranen, H., Lend, H. Design of functionally graded sandwich panels // ICCS17 : 17th International Conference on Composite Structures : Portugal 17-21 June 2013 : book of abstracts. [Porto], 2013. p. 55.

Pokatilov, A., Parker, M., Kolyshkin, A., Märtsens, O., Kübarsepp, T. Inhomogeneity correction in calibration of electrical conductivity standards // Measurement (2013) Vol. 46, 4, p. 1535-1540.

Pokatilov, A., Parker, M., Kübarsepp, T., Märtsens, O., Kolyshkin, A. Grid-based computational algorithm for accurate AC conductivity measurements // 16th International Congress of Metrology. [S.I.] : EDP Sciences, 2013. p. 1-4.

Polyantchikov, I., Karaulova, T., Ševtšenko, E., Kangilaski, T., Netribiitšuk, V. Web-environment elaboration for working with ISO 9001 documents at a production enterprise // 13th International Symposium "Topical Problems in the Field of Electrical and Power

Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.I.] : Elektriajam, 2013. p. 304-311.

Põlder, A., Juurma, M., Tamre, M. Waste paper sorting using imaging spectroscopy // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.I.] : Elektriajam, 2013. p. 283-284.

Randrüüt, M., Braun, M. Cnoidal waves governed by the Kudryashov-Sinelshchikov equation // Physics letters A (2013) Vol. 377, 31-33 , p. 1868-1874.

Saar, E., Veinthal, R. jt. Nutikas spetsialiseerumine ja selle kolm vaala : [teemat kommenteerivad Enn Saar, Renno Veinthal, jt.] // Inseneeria (2013) 11, lk. 14-18.

Saarna, M., Sergejev, F., Gomon, J.K., Kollo, L., Leparoux, M. Surface fatigue of Al-metal matrix composites at impact loading // Engineering materials and tribology. [S.I.] : Trans Tech Publications, 2013. p. 119-124. (Key engineering materials ; 527).

Sahno, J., Ševtšenko, E., Karaulova, T. Knowledge management framework for six sigma performance level assessment // Advances in information systems and technologies. Heidelberg : Springer, 2013. p. 255-267. (Advances in intelligent systems and computing ; 206).

Sahno, J., Ševtšenko, E., Karaulova, T. Data mart with Lean six sigma concept for performance level assessment in knowledge management framework // Proceedings of the 14th European Conference on Knowledge Management : Kaunas, Lithuania, 5-6 September 2013. Volume two. [Kaunas], 2013. p. 932-941. (ACPI ; Vol. 14, 2).

Seiler, S., Sell, R. Comprehensive blended learning concept for teaching micro controller technology utilising HomeLab kits and remote labs in a virtual web environment // Transactions on Edutainment. X. Berlin, Heidelberg : Springer-Verlag, c2013. p. 161-177. (Lecture notes in computer science ; 7775).

Sell, R., Petritšenko, A. Early design and simulation toolkit for mobile robot platforms // International journal of product development (2013) Vol. 18, 2, p. 168-192.

Sell, R., Seiler, S. Learning situations and remote labs in embedded system education // Proceedings of 14th International Workshop on Research and Education in Mechatronics. Vienna : Association for Supporting Automation and Robotics, 2013. p. 97-101.

Siirde, A., Eldermann, M., Rohumaa, P., Gusca, J. Analysis of greenhouse gas emissions from Estonian oil shale based energy production processes. Life cycle energy analysis perspective // Oil shale (2013) Vol. 30, 2S, p. 268-282.

Sildoja, M., Manoocheri, F., Merimaa, M., Ikonen, E., Müller, I., Werner, L., Gran, J., Kübarsepp, T., Smid, M., Rastello, M.L. Predictable quantum efficient detector. I, Photodiodes and predicted responsivity // Metrologia (2013) Vol. 50, 4, p. 385-394.

Snatkin, A. Machinery monitoring as a part of higher level systems // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.I.] : Elektriajam, 2013. p. 285-288.

Snatkin, A., Karjust, K., Majak, J., Aruväli, T., Eiskop, T. Real time production monitoring system in SME // Estonian journal of engineering (2013) Vol. 19, 1, p. 62-75.

Surženkov, A., Adoberg, E., Põdra, P., Sergejev, F., Mere, A., Viljus, M., Mikli, V., Antonov, M., Kulu, P. Impact and sliding wear properties of single layer, multilayer and nanocomposite physical vapour deposited (PVD) coatings on the plasma nitrided low-alloy 42CrMo4 steel // Engineering materials and tribology. [S.I.] : Trans Tech Publications, 2013. p. 223-228. (Key engineering materials ; 527).

Surženkov, A., Antonov, M., Goljandin, D., Vilgo, T., Mikli, V., Viljus, M., Latokartano, J., Kulu, P. Sliding wear of TiC-NiMo and Cr₃C₂-Ni cermet particles reinforced FeCrSiB matrix HVOF sprayed coatings // Estonian journal of engineering (2013) Vol. 19, 3, p. 203-211.

Surženkov, A., Antonov, M., Mikli, V., Latokartano, J., Vilgo, T., Kulu, P. Sliding wear of HVOF sprayed self-fluxing alloy matrix cermet particles reinforced composite coatings // BALTRIB'2013 : VII International Scientific Conference : 14-15 November 2013, Kaunas, Lithuania : proceedings. Kaunas : ASU Leidybos centras, 2013. p. 62-66.

Zhao, G., Hussainova, I., Antonov, M., Wang, Q., Wang, T. Friction and wear of fiber reinforced polyimide composites // Wear (2013) Vol. 301, 1-2, p. 122-129.

Zhao, G., Hussainova, I., Antonov, M., Wang, Q., Wang, T., Veinthal, R. Friction and wear of fiber reinforced polyimide composites // 19th International Conference on Wear of Materials : Portland, Oregon, USA, 14-18 April 2013 : conference abstracts. [S.I.] : Elsevier, [2013]. [p. 92].

Zikin, A., Antonov, M., Hussainova, I. et al. High temperature wear of cermet particle reinforced NiCrBSi hardfacing // Tribology international (2013) 68, p. 45-55.

Zikin, A., Badisch, E., Hussainova, I., Tomastik, C., Danninger, H. Characterisation of TiC-NiMo reinforced Ni-based hardfacing // Surface & coatings technology (2013) 236, p. 36-44.

Zikin, A., Yung, D-L., Hussainova, I., Danninger, H., Pirso, J., Gavrilović-Wohlmuther, A. Deposition and characterization of refractory cermet particle reinforced Ni-based PTA hardfacings // Proceedings of the 18th PLANSEE Seminar, 2013. [S.I.], 2013.

Žigailov, S., Kuznetcov, A., Musalimov, V., Aryassov, G. Measurement and analysis of human lower limbs movement parameters during walking // The 9th International Conference Mechatronics Systems and Materials : MSM-2013 : abstracts. Vilnius : Technika, 2013. p. 268.

Zikin, A., Hussainova, I., Katsich, C., Kulu, P., Goljandin, D. Wear behavior of recycled hard particle reinforced NiCrBSi hardfacings deposited by plasma transferred arc (PTA) process // Engineering materials and tribology. [S.I.] : Trans Tech Publications, 2013. p. 179-184. (Key engineering materials ; 527).

Tammaru, T. Protsessijuhtimine // Tootmise juhtimise käsiraamat. Tallinn : Äripäev, 2013. lk. 1-12. (Äripäeva käsiraamat).

Tarraste, M., Juhani, K., Pirso, J., Viljus, M., Traksmaa, R., Letunovitš, S. Microstructure evolution of WC-TiC-Co cemented carbides during reactive sintering [Electronic resource] // Proceedings of the 18th Plansee Seminar : International Conference on Refractory Metals and Hard Materials : Reutte/Austria, 3-7 June, 2013. [S.I.] : PLANSEE SE, 2013. p. HM 70/1-HM 70/7 [CD-ROM].

Tiidemann, T. Noa või traadiga? Kivilõikamise näiteid TRIZ-i loovtöövõtete abil // Inseneeria (2013) 11, lk. 30-31.

Tiidemann, T. SCAMPER - lihtne küsimustik tootearenduseks // Inseneeria (2013) 3, lk. 28-29.

Tiidemann, T. Meenutusi konstruktorikoolitajaist Tallinna Tehnikaülikoolis // Inseneeria (2013) 3, lk. 52-53.

Tiimus, K., Murumäe, M., Väljaots, E., Tamre, M. High-efficiency internal combustion engine for unmanned aircraft use // The 9th International Conference Mechatronics Systems and Materials : MSM-2013 : abstracts. Vilnius : Technika, 2013. p. 244-245.

Tiimus, K., Tamre, M. Modular multi-rotor helicopter platforms // The 9th International Conference Mechatronics Systems and Materials : MSM-2013 : abstracts. Vilnius : Technika, 2013. p. 242-243.

Umalas, M., Reed, V., Lõhmus, A., Hussainova, I., Juhani, K. Synthesis of ZrC-TiC blend by novel combination of sol-gel method and carbothermal reduction // Engineering materials and tribology. [S.I.] : Trans Tech Publications, 2013. p. 62-67. (Key engineering materials ; 527).

Veinthal, R., Sergejev, F., Zikin, A., Tarbe, R., Hornung, J. Abrasive impact wear and surface fatigue wear behaviour of Fe-Cr-C PTA overlays // 19th International Conference on Wear of Materials : Portland, Oregon, USA, 14-18 April 2013 : conference abstracts. [S.I.] : Elsevier, [2013]. [p. 98].

Veinthal, R., Sergejev, F., Zikin, A., Tarbe, R., Hornung, J. Abrasive impact wear and surface fatigue wear behaviour of Fe-Cr-C PTA overlays // Wear (2013) Vol. 301, 1/2, p. 102-108.

Vendt, R., Vabson, V., Kübarsepp, T., Noorma, M. Traceability of temperature measurements in Estonia // Proceedings of the Estonian Academy of Sciences (2013) Vol. 62, 2, p. 116-121.

Volkova, A., Mashatin, V., Hlebnikov, A., Siirde, A. Methodology for the improvement of large district heating networks // Scientific journal of Riga Technical University. Environmental and climate technologies (2013) 10, p. 39-45.

Voltšihhin, N., Hussainova, I., Cura, M.E., Hannula, S.-P., Traksmaa, R. Densification and microstructure development in zirconia toughened hardmetals // Engineering materials and tribology. [S.I.] : Trans Tech Publications, 2013. p. 50-55. (Key engineering materials ; 527).

Vu, T.M. Development and simulation of an adaptive control system for the teleoperation of medical robots // Engineering creative design in robotics and mechatronics. Hershey : IGI Global, c2013. p. 173-185. (Advances in mechatronics and mechanical engineering (AMME)).

Vu, T.M. Stability for switched dynamic hybrid system // Mathematical and computer modelling (2013) Vol. 57, 1-2, p. 78-83.

Vu, T.M. Vehicle sideslip modeling and estimation // 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013. [S.I.] : Elektrijam, 2013. p. 37-41.

Vu, T.M., Pumwa, J. Fuzzy logic and slip controller of clutch and vibration for hybrid vehicle // International journal of control, automation and systems (2013) Vol. 11, 3, p. 526-532.

Väljaots, E., Sell, R., Kaeeli, M. Motion and energy efficiency parameters of unmanned ground vehicle // The 9th International Conference Mechatronics Systems and Materials : MSM-2013 : abstracts. Vilnius : Technika, 2013. p. 247-248.

SOTSIAALTEADUSKOND

Yung, D.-L., Dong, M., Hussainova, I. Comparing tungsten carbide based composites reinforced by alumina nanofibers or zirconia // Proceedings of the PM13 International Conference on Powder Metallurgy and Particulate Materials. [S.I.] : MPIF/APMI Metal Powder Industry Publications, 2013. p. 24-35.

Yung, D.-L., Kollo, L., Hussainova, I., Zikin, A. Reactive sintering of ZrC-TiC composites // Engineering materials and tribology. [S.I.] : Trans Tech Publications, 2013. p. 20-25. (Key engineering materials ; 527).

SOTSIAALTEADUSKOND

Raamatud

Chochia, A. Models of European integration : Georgia's economic and political transition = Euroopa lõimumise mudelid : Gruusia majanduslik ja poliitiline üleminek. Tallinn : TUT Press, 2013. 180 p. (Theses of Tallinn University of Technology. H, Thesis on economics ; 35).

Drechsler, W. (ed.). Halduskultuur = Administrative culture = Административная культура = Verwaltungskultur = Hallintokulttuuri. vol. 14, no. 2. Tallinn : Ragnar Nurkse School of Innovation and Governance, Tallinn University of Technology, 2013. 242 p.

Drechsler, W. Gadamer in Marburg. Marburg : Verlag Blaues Schloss, 2013. 69 s.

James, W. ; (tlk.) Meos, I. Usulise kogemuse mitmekesisus : uurimus inimloomusest. Tartu : Ilmamaa, 2013. 544 lk.

Kalvet, T., Tiits, M., Hinsberg, H. (toim.). E-teenuste kasutamise tulemuslikkus ja mõju : uuringu aruanne [Võrguteavik]. Tallinn : Balti Uuringute Instituut, Poliitikauuringute Keskus Praxis, 2013. 190 lk..

Karo, E., Kattel, R. Public management, policy capacity and innovation [Electronic resource]. [Tallinn], 2013. 46 p. (Working papers in technology governance and economic dynamics / The Other Canon and Tallinn University of Technology ; 52).

Kull, M., Kettunen, P., Drechsler, W. (eds.) Halduskultuur = Administrative culture = Административная культура = Verwaltungskultur = Hallintokulttuuri. vol. 14, no. 1. Tallinn : Ragnar Nurkse School of Innovation and Governance, Tallinn University of Technology, 2013. 165 p.

Käasper, K., Meiorg, M. (toim.). Inimõigused Eestis 2012 : Eesti Inimõiguste Keskuse aastaaruanne [Võrguteavik]. [Tallinn] : Eesti Inimõiguste Keskus, 2013. 106 lk.

Laakso, S., Kostainen, E., Kalvet, T., Velström, K. Economic flows between Helsinki-Uusimaa and Tallinn-Harju regions : 01/2013 : Helsinki-Tallinn Transport and Planning Scenarios project, H-TTransPlan [Electronic resource]. [S.I.] : H-TTransPlan, 2013. 73 p.

Lember, V., Cepilovs, A., Kattel, R. Demand-side innovation policy in Estonia : rationales, limits and future paths [Electronic resource]. [Tallinn], 2013. 32 p. (Working papers in technology governance and economic dynamics / The Other Canon and Tallinn University of Technology ; 56).

Lember, V., Kattel, R., Kalvet, T. How governments support innovation through public procurement? : comparing evidence from 11 countries [Electronic resource]. [Tallinn], 2013. 30 p. (Working papers in technology governance and economic dynamics / The Other Canon and Tallinn University of Technology ; 55).

Liebert, U., Gattig, A., Evas, T. (eds.). *Democratising the EU from below? : citizenship, civil society and the public sphere*. Farham : Ashgate, 2013. xx, 224 p.

Meos, I. *Filosoofia sõnaraamat : elektroniline väljaanne*. [S.l.], 2013. 557 lk.

Mäeltsemees, S. *Maailma ühiskonnageograafia : rahvastik ja majandus : I kursuse õpik gümnaasiumile : uus õppekava*. Tallinn : Avita, c2013. 143 lk.

Mäeltsemees, S. *Maailma ühiskonnageograafia : rahvastik ja majandus : I kursuse töövihik gümnaasiumile : uus õppekava*. [Tallinn] : Avita, c2013. 72 lk.

Mäeltsemees, S., Raudjärv, M., Reiljan, J. (toim.). *Topical issues of economic policy in the European Union = Aktuelle Wirtschaftspolitische Probleme in der Europäischen Union = Majanduspoliitika aktuaalsed küsimused Euroopa Liidus : [artiklite kokkuvõtted]*. 2. Berlin : Berliner Wissenschafts-Verlag ; Tallinn : Mattimar, 2013. 79 lk. + 1 CD-ROM. (Eesti majanduspoliitilised vätlused ; 21, 2).

Mäeltsemees, S., Raudjärv, M., Reiljan, J. (toim.). *Eesti majanduspoliitilised vätlused : majanduspoliitika aktuaalsed küsimused Euroopa Liidus (artiklid) = Estnische Gespräche über Wirtschaftspolitik : aktuelle wirtschaftspolitische Probleme in der Europäischen Union (Beiträge) = Discussions on Estonian economic policy : topical issues of economic policy in the European Union (Articles)*. 2 [Electronic resource]. Berlin : Berliner Wissenschafts-Verlag ; Tallinn : Mattimar, 2013. 217 lk. [CD-ROM]. (Eesti majanduspoliitilised vätlused ; 21, 2).

Mäeltsemees, S., Raudjärv, M., Reiljan, J. (toim.). *Theory and practice of economic policy in the European Union = Wirtschaftspolitische Theorie und Praxis in der Europäischen Union = Majanduspoliitika teooria ja praktika Euroopa Liidus : [artiklite kokkuvõtted]*. 1. Berlin : Berliner Wissenschafts-Verlag ; Tallinn : Mattimar, 2013. 110 lk. + 1 CD-ROM. (Eesti majanduspoliitilised vätlused ; 21, 1).

Mäeltsemees, S., Raudjärv, M., Reiljan, J. (toim.). *Theory and practice of economic policy in the European Union = Wirtschaftspolitische Theorie und Praxis in der Europäischen Union = Majanduspoliitika teooria ja praktika Euroopa Liidus : [artiklid]*. 1 [Electronic resource]. Berlin : Berliner Wissenschafts-Verlag ; Tallinn : Mattimar, 2013. 278 p. [CD-ROM]. (Eesti majanduspoliitilised vätlused ; 21, 1).

Orvet, S. *Sekretärid ajapeeglis : fragmentarium*. Tallinn : TTÜ kirjastus, 2013. 167 lk.

Randmann, L. *Differences in psychological contracts in Estonia : the role of individual and contextual factors*. Tallinn : EBS Print, 2013. 196 p. (Doctoral Thesis in Management ; 15).

Reinert, E.S. *Globaalne majandus : kuidas rikkad rikkaks said ja miks vaesed üha vaesemaks jäavad*. Tallinn : Varrak, c2013. 173 lk.

Saarniit, L., Pevkur, A., Laido, A., Oppi, T., Sinka, K. *Riigi ametiasutuste eetika juhtimise süsteemide analüüs : lõppraport [Võrguväljaanne]*. Tallinn : [Tallinna Tehnikaülikool], 2013. 91 lk.

Sarapuu, K. *Mapping and explaining post-communist development of administrative structure : the case of Estonian public administration 1990-2010*. Tallinn : TUT Press, 2013. 128 p. (Theses of Tallinn University of Technology. I, Social sciences ; 20).

Vintar, M., Rosenbaum, A., Jenei, G., Drechsler, W. (eds.). *The past, present and future of public administration in Central and Eastern Europe*. Bratislava : NISPacee Press, 2013.

Verhoest, K., Carbonara, N., Lember, V. et al. (eds.). Public private partnerships in transport : trends & theory : P3T3 : 2013 discussion papers. Part I, Country profiles. [S.I.] : COST Office, 2013. xxv, 295, [2] p.

Vintra, M., Rosenbaum, A., Jenei, G., Drechsler, W. (eds.). The past, present and the future of public administration in Central and Eastern Europe. Bratislava : NISPAcee Press, 2013. 471 p.

Artiklid

Aidarov, A., Drechsler, W. Estonian russification of non-russian ethnic minorities in Estonia? A policy analysis // Trames (2013) Vol. 17, 2, p. 103-128.

Barnard, H., Kalvet, T., Tiits, M. Institutional voids as a trigger for the emergence of born global production and innovation networks // International Conference : Entrepreneurship and Innovation as Key Drivers of Regional Development : Ventspils, Latvia, 15-16 July 2013 : conference materials, abstract book. Ventspils : Ventspils University College, 2013. p. 19.

Bauwens, M., Kostakis, V. The reconfiguration of time and place after the emergence of peer-to-peer infrastructures : four future scenarios with an impact on urbanism // Hybrid City 2013 : [conference proceedings]. Athens : University of Athens, 2013. p. 295-298.

Bauwens, M., Kostakis, V. Ένα σημείωμα για το μέλλον του καπιταλισμού και των Κοινών και μία πρόταση // Τεύχος (2013) 124, p. 101-108.

Bellucci, F. Diagrammatic reasoning : some notes on Charles S. Peirce and Friedrich A. Lange // History and philosophy of logic (2013) Vol. 34, 4, p. 293-305.

Bellucci, F. Peirce's continuous predicates // Transactions of the Charles S. Peirce Society (2013) Vol. 49, 2, p. 178-202.

Bellucci, F. Peirce, Leibniz, and the threshold of pragmatism semiotica // Semiotica (2013) 195, p. 331-355.

Bellucci, F. Io rappresento. Il soggetto trascendentale in C. S. Peirce Il senso delle soggettività // Il senso delle soggettività : Ricerche semiotiche – Atti congresso AISS 2013. Roma : Edizioni Nuova Cultura, 2013. p. 133-136. (E, C rivista dell'Associazione Italiana di Studi Semiotici ; 15/16).

Bellucci, F. Sensibile e intellegibile in Charles S. Peirce // Senso e sensibile : prospettive tra estetica e filosofi a del linguaggio. [S.I.] : Associazione Italiana di Studi Semiotici, 2013. p. 35-40. (E, C rivista dell'Associazione Italiana di Studi Semiotici ; 17).

Cepilovs, A. Public procurement for innovation in small states. The case of Latvia // Rivista di politica economica (2013) 2, p. 99-136.

Christo, G., Christopoulos, S., Kull, M. Governing environmental conservation through Green Grant support in Brazil : a metagovernance analysis // Rural resilience and vulnerability : the rural as locus of solidarity and conflict in times of crisis, XXV Congress of the European Society for Rural Sociology. Pisa : Laboratorio di Studi Rurali SISMONDI, 2013. p. 251-252.

Drechsler, W. Coercive municipal amalgamation today - with illustrations from Estonia // Halduskultuur = Administrative culture = Административная культура = Verwaltungskultur = Hallintokulttuuri. Vol. 14, no. 1. Tallinn : Ragnar Nurkse School of Innovation and Governance, Tallinn University of Technology, 2013. p. 158-165.

Drechsler, W. Islamic public administration – the missing dimension in NISPAcee research // The past, present and the future of public administration in Central and Eastern Europe. Bratislava : NISPAcee Press, 2013. p. 57-76.

Drechsler, W. NISPAcee in its second decade : towards excellence in public administration scholarship // The past, present and the future of public administration in Central and Eastern Europe. Bratislava : NISPAcee Press, 2013. p. 378-381.

Drechsler, W. Autonomous municipality vs. coercive amalgamation : a European note // Open public administration review (OPAR) (2013) 25, p. 20-27.

Drechsler, W. Stefano Marino : Gadamer and the limits of the modern techno-scientific civilization // Philosophy in review (2013) Vol. 33, 2, p. 146-147.

Drechsler, W. Three paradigms of governance and administration : Chinese, Western, and Islamic // Society and economy (2013) Vol. 35, 3, p. 319-342.

Drechsler, W. Wang Anshi and the origins of modern public management in Sung dynasty China // Public money and management (2013) Vol. 33, 5, p. 353-360.

Dutt, P.K., Kerikmäe, T. Reverse payment patent settlements in the pharmaceutical sector and competition law – do Lundbeck and Actavis help to bridge the views across the Atlantic regarding the delayed market entry of cheaper, generic medicines? // International and comparative law review (2013) Vol. 13, 1, p. 21-36.

Elenurm, T. Tervisliku juhtimise saladus // Personali Praktik : PP (2013) veebr., lk. 13-14.

Elenurm, T. Uus põlvkond tööturul ootab muudatusi juhtimises // Personali Praktik : PP (2013) veebr., lk. 28-29.

Elenurm, T. Tähelepanu keskmes töösuhted // Personali Praktik : PP (2013) märts, lk. 26.

Elenurm, T. Juhtimine muutunud organisatsioonides // Personali Praktik : PP (2013) apr., lk. 32-33.

Elenurm, T. Juhtimine ja töösuhete tähtsus // Personali Praktik : PP (2013) apr., lk. 34.

Elenurm, T. Paindlikud organisatsioonid ja töösuhted // Personali Praktik : PP (2013) mai, lk. 20-22.

Elenurm, T. Ajutise ja osaajaga töötamise varjuküljed // Personali Praktik : PP (2013) mai, lk. 32-33.

Elenurm, T. Talendijuhtimine – personalijuhtimise peaesmärk või moetrend? // Personali Praktik : Pp (2013) juuni, lk. 19-21.

Elenurm, T. Talendijuhtimise seitse sammu // Personali Praktik : Pp (2013) juuni, lk. 29.

Elenurm, T. Töötajate karjääri planeerimine // Personali Praktik : Pp (2013) okt., lk. 17-19.

Elenurm, T. Psühholoogiline ettevalmistus arenguvestluseks // Personali Praktik : Pp (2013) nov., lk. 17-19.

Elenurm, T. Nõustav suhtlemine loob hea juhi kuvandi // Personali Praktik : Pp (2013) sept., lk. 17-18.

Elenurm, T. Dialoogi ergutavad suhtlemistehnikad // Personali Praktik : Pp (2013) sept., lk. 19.

Elenurm, T. Kriisidega toimetulekut toetavad hoiakud juhi töös // Personali Praktik : PP (2013) dets., lk. 24-25.

Erne, J. Book review : Tsuyoshi Hasegawa (ed.), The Cold War in East Asia 1945-1991. Washington D.C.: Woodrow Wilson Center Press, 2011, Stanford, California: Stanford University Press, 2011, viii + 340pp., h/b [Electronic resource] // SSRN working paper series (2013) 2013, [4] p.

Erne, J. Ideological networks and security in the two-speed world – Venia Legendi [Electronic resource] // SSRN working paper series (2013) 2013.

Evas, T., Liebert, U. Still "between Eros and Civilisation"? Citizens, courts and constructing European citizenship // Democratising the EU from below? : citizenship, civil society and the public sphere. Farnham : Ashgate, 2013. p. 23-60.

Ivask, M., Tillemann, K. Participatory development of a recreational plan for Laulasmaa landscape protection area // Transactional environmental support system design : global solutions. Hershey : IGI Global, 2013. p. 164-167. (Premier reference source).

Joamets, K., Kerikmäe, T. The new developments in EU family law // Korea University law review (2013) 13, p. 25-42.

Joamets, K., Kerikmäe, T. The new developments in EU family law - its applicability to Estonia law // Korea University law review (2013) 13, spring, p. 25-42.

Kaevats, Ü. Uno Mereste – entsüklopedist ja suurte süsteemide mees // Uno Mereste kaasaegsete mälestustes. [Tallinn] : TTÜ majandusteaduskond, 2013. lk. 40-41.

Kaevats, Ü., Mikser, R. Paradigma // Haridusleksikon. [Tallinn] : Eesti Keele Sihtasutus, 2013. lk. 193-198.

Kaevats, Ü., Mikser, R. Teadusfilosoofia // Haridusleksikon. [Tallinn] : Eesti Keele Sihtasutus, 2013. lk. 240-247.

Kalvet, T., Barnard, H., Tiits, M. Institutional voids as a trigger for the emergence of born global production and innovation networks // DRUID papers (2013), [36] p.

Kattel, R. Tuleb jälle rohkem pingutada : [intervjuu] // Inseneeria (2013) 5, lk. 11-13.

Kattel, R. Teine kaanon majandusteaduses // Vikerkaar (2013) 7-8, lk. 92-94.

Kattel, R., Raudla, R. The Baltic States and the crisis of 2008-2011 // Europe-Asia studies (2013) Vol. 65, 3, p. 426-449.

Keerberg, A., Kiisla, A., Mältssemees, S. Ülikooli ühiskonnateenimise rolli täitmine regionaalse kolledži õppekavaarenduse kaudu // Topical issues of economic policy in the European Union = Aktuelle Wirtschaftspolitische Probleme in der Europäischen Union = Majanduspoliitika aktuaalsed küsimused Euroopa Liidus : [artiklite kokkuvõtted]. Berlin : Berliner Wissenschafts-Verlag ; Tallinn : Mattimar, 2013. lk. 27-31. (Eesti majanduspoliitilised vätlused ; 21, 2).

Keerberg, A., Kiisla, A., Mältssemees, S. University implementing its community service role through curriculum development in a regional college [Electronic resource] // Eesti majanduspoliitilised vätlused (artiklid) = Estnische Gespräche über Wirtschaftspolitik (Beiträge) = Discussions on Estonian economic policy (articles). 2. Berlin : Berliner Wissenschafts-Verlag ; Tallinn : Mattimar, 2013. p. 32-57 [CD-ROM]. (Eesti majanduspoliitilised vätlused ; 21, 2).

Kerikmäe, T. An introduction to European law : [book review] [Electronic resource] // Reviews & critical commentary (2013) October.

Kerikmäe, T. Current problems related to energy policy and law in European Union // 21st International Annual Conference on Energy between Law and Economics, May 6-8 2013. Dubai : United Arab Emirates University, 2013. p. 391-402.

Kerikmäe, T. New moral dilemmas of Estonian lawyers and judiciary in the context of multi-level legal system // International Scientific Conference : Good Morals of a Lawyer : Theoretical and Practical Issues. Kaunas : Vytautas Magnus University, Faculty of Law, 2013.

Kerikmäe, T. Foreword by the book reviewer // European constitutional law : revealing the complex constitutional system of the European Union. Olomouc : Palacký University Olomouc, 2013. p. 3.

Kerikmäe, T. The European code of good administrative behavior - a good practice for Cambodia? // Law Talk : Administrative Law and Practice – International and Cambodian Perspectives (I) : at Rock Royal Hotel & Resort, 21-23.02.2013 in Kep Province. [S.l.] : Konrad Adenauer Stiftung Cambodia office, 2013.

Kerikmäe, T., Käspér, K. Unique cooperation between Law School (TLS) and Estonian Human Rights Centre (EHRC) in Estonia // The role of law schools and human rights : annual meeting : March 6th-9th, 2013, Mysore, India. Mysore : IALS, 2013. p. 63-66.

Kerikmäe, T., Nyman-Metcalf, K. Eesti inimõiguste rahvusvahelise kaitsjana // Rahvuslik Kontakt (2013) 4, lk. 10-15.

Kerikmäe, T., Nyman-Metcalf, K. Developments in international treaties law // Seminar on International Law on the occasion of the 93rd Anniversary of Tartu Peace Treaty : Tallinn, 01.02.13. Tallinn : Tallinn Law School, Tallinn University of Technology, 2013.

Kerikmäe, T., Nyman-Metcalf, K., Papageorgiou, I. "Is this really what I voted for?" – on the legitimacy Of European integration // Baltic journal of law & politics (2013) Vol. 6, 1, p. 45-62.

Kerikmäe, T., Remmelg, A. Õigus haridusele [Elektrooniline teavik] // Inimõigused Eestis 2012 : Eesti Inimõiguste Keskuse aastaaruanne. [Tallinn] : Eesti Inimõiguste Keskus, 2013. lk. 58-63.

Kerikmäe, T., Roots, L. Changing theoretical paradigm of EU enlargement // EU enlargement : current challenges and strategic choices. Bruxelles : Peter Lang, 2013. p. 59-74. (Multiple Europes ; 50).

Kickert, W., Randma-Liiv, T. Fiscal consolidation in Europe : effects of administration // APSA newsletter (2013) Vol. 23, 2, Fall, p. 15-16.

Kipper, H., Rüütmann, T. Teaching for understanding in engineering education // International journal of engineering pedagogy (2013) 3, p. 55-63.

Kostakis, V. At the turning point of the current techno-economic paradigm : commons-based peer production, desktop manufacturing and the role of civil society in the Perezian framework // TripleC (2013) Vol. 11, 1, p. 173-190.

Kostakis, V. Η ανάδυση της ομότιμης προοπτικής: Η δημόσια πληροφορία ως Κοινό, η περίπτωση του ψηφιακού αρχείου της Ε.Ρ.Τ. και η προσέγγιση του κράτους εταίρου // Τεύχος (2013) 123, p. 127-141.

Kostakis, V. Ομότιμο Κίνημα, η Τρισδιάστατη Εκτύπωση και ένα Συνεργατικό Μέλλον [Electronic resource] // International Congress "Innovative, Open and Sustainable Economic

Structures creative industries" - Module 1. [S.I.] : National Documentation Centre, 2013. [Video].

Kostakis, V. Η ανάδυση του Ομότιμου Κινήματος [Electronic resource] // TEDxYouth@Pamvotis. [S.I.], 2013. [Video].

Kostakis, V. Η ανάδυση του ομότιμου κινήματος και η τρισδιάστατη εκτύπωση // δράσεις κοινωνικής αυτο-οργάνωσης και διαδίκτυο : προς μια έννοια οργάνωσης 2.0. [S.I.], 2013. p. [5].

Kostakis, V., Fountouklis, M., Drechsler, W. Peer production and desktop manufacturing : the case of the Helix-T wind turbine project // Science, technology & human values (2013) Vol. 38, 6, p. 773-800.

Kostakis, V., Giotitsas, C. Public information as a commons : the case of the ERT and the peer-to-peer prospect // International journal of electronic governance (2013) Vol. 6, 3, p. 209-217.

Kostakis, V., Stavroulakis, S. The parody of the commons // TripleC (2013) Vol. 11, 2, p. 412-424.

Kozusznik, B., Griffith, R., Teichmann, M. et al. SIOP-IAAP-EAWOP Alliance Symposium : getting a seat at the table : strategic communication and I/O psychology // Imagine the future world : how do we want to work tomorrow?. [S.I.] : EAWOP, 2013. p. 890-891.

Kregel, J. Political economy approaches to financial crisis : Hyman Minsky's financial fragility hypothesis // The handbook of the political economy of financial crises. Oxford : Oxford University Press, 2013. p. 159-171.

Kregel, J. Trying to serve two masters : the dilemma of financial regulation // After the great recession : the struggle for economic recovery and growth. Cambridge : Cambridge University Press, 2013. p. 86-103.

Kregel, J. Was Keynes's monetary policy, à outrance in the Treatise, the model for ZIRP and QE? // Keynesian reflections : effective demand, money, finance, and policies in the crisis. Oxford : Oxford University Press, 2013.

Krenjova, J., Raudla, R. Participatory budgeting at the local level : challenges and opportunities for new democracies // Halduskultuur = Administrative culture = Административная культура = Verwaltungskultur = Hallintokulttuuri. Vol. 14, no. 1. Tallinn : Ragnar Nurkse School of Innovation and Governance, Tallinn University of Technology, 2013. p. 18-46.

Kull, M. Services of general economic interest in the European Union – definitions, terminology and sub-regional perspectives // Maaseudun palvelut valinkauhassa – markkinoiden toimivuus ja SGEI. Jokioinen : MTT, 2013. p. 15-38. (MTT raportti ; 81).

Kull, M., Kettunen, P. Local governance, decentralization and participation : meta-governance perspectives - introduction to the special issue // Halduskultuur = Administrative culture = Административная культура = Verwaltungskultur = Hallintokulttuuri. Vol. 14, no. 1. Tallinn : Ragnar Nurkse School of Innovation and Governance, Tallinn University of Technology, 2013. p. 4-9.

Käspér, K. Inimõiguste kaitse riiklik organisatsiooniline raamistik [Elektrooniline teavik] // Inimõigused Eestis 2012 : Eesti Inimõiguste Keskuse aastaaruanne. [Tallinn] : Eesti Inimõiguste Keskus, 2013. lk. 102-106.

Käspér, K., Meiorg, M. Õigus austusele perekonna- ja eraelu vastu [Elektrooniline teavik] // Inimõigused Eestis 2012 : Eesti Inimõiguste Keskuse aastaaruanne. [Tallinn] : Eesti Inimõiguste Keskus, 2013. lk. 28-35.

Lember, V. Estonia // Public private partnerships in transport : trends & theory : P3T3 : 2013 discussion papers. Part I, Country profiles. [S.I.] : COST Office, 2013. p. 199-217.

Lorvi, K. Unpacking administrative capacity for the management of EU structural funds in small and large municipalities : the Estonian case // Halduskultuur = Administrative culture = Административная культура = Verwaltungskultur = Hallintokulttuuri. Vol. 14, no. 1. Tallinn : Ragnar Nurkse School of Innovation and Governance, Tallinn University of Technology, 2013. p. 98-124.

Lääne, K., Aczel, B., Dickinson, A., Teichmann, M. Root causes of positive emotion at work // Individual sources, dynamics, and expressions of emotion. Bingley : Emerald, c2013. p. 9-22. (Research on emotion in organizations ; 9).

Mäeltsemees, S. Pealinnaregioon // Hea linn : Tallinna visioonikonverentsid. Tallinn : Tallinna visiooninõukoda, 2013. lk. 63-73.

Mäeltsemees, S., Lõhmus, M., Ratas, J. Inter-municipal cooperation : possibility for advancing local democracy and subsidiarity in Estonia // Halduskultuur = Administrative culture = Административная культура = Verwaltungskultur = Hallintokulttuuri. Vol. 14, no. 1. Tallinn : Ragnar Nurkse School of Innovation and Governance, Tallinn University of Technology, 2013. p. 73-97.

Näpinen, L. The premises and limits of science : ideas of Rein Vihalemm // IX Annual Estonian Philosophy Conference "Philosophy in Interdisciplinary Contexts" : 13-14.12.1013, Tallinn University of Technology, Chair of Philosophy : abstracts. [S.I.], 2013. p. 16-17.

Näpinen, L. The problem of the understanding of nature in the exact science // ICHSTM Manchester 2013 : 24th International Congress of History of Science, Technology and Medicine : knowledge at work : 21-28 July 2013 : programme and abstracts. [S.I.], 2013. p. 36.

Nyman-Metcalf, K. Regional integration and sovereignty : the sum is more than its parts? // Aspects of sovereignty : Sino-Swedish refelctions. Leiden : Martinus Nijhoff, 2013. p. 83-100. (The Raoul Wallenberg Institute Human Rights Library ; 42).

Nyman-Metcalf, K. Legislative drafting challenges in communications regulation : convergence, globalisation and new media culture // International journal of legislative drafting and law reform (2013) Vol. 2, 1, p. 313-341.

Nyman-Metcalf, K. Sõnavabadus [Elektrooniline teavik] // Inimõigused Eestis 2012 : Eesti Inimõiguste Keskuse aastaaruanne. [Tallinn] : Eesti Inimõiguste Keskus, 2013. lk. 36-40.

Nyman-Metcalf, K., Täks, E. Simplifying the law - can ICT help us? // International journal of law and information technology (2013) 21(3), p. 239-268.

Parmak, M. Eessõna eestikeelsele väljaandele // Väsimuse haldamine sõjalistel operatsioonidel : juhtnööre ülematele. [Tartu] : Kaitseväe Ühendatud Õppeasutused, 2013. lk. [6].

Parmak, M., Mylle, J.C., Euwema, M.C. Personality predispositions moderate soldiers' well-being before and after operational deployment // Military psychology in a time of transition,

uncertainty, and complexity : the 55th IMTA Conference 2013 : Seoul, Korea, October 28th-November 1st : [conference program and abstracts]. [S.I.], 2013. p. 71.

Parts, V., Animägi, M.-L. Motivational orientations and organizational citizenship behavior of members of youth associations // Imagine the future world : how do we want to work tomorrow?. [S.I.] : EAWOP, 2013. p. 703.

Parts, V., Eelmaa, R. Organizational culture and work stress : stability during changes // Imagine the future world : how do we want to work tomorrow?. [S.I.] : EAWOP, 2013. p. 174.

Parts, V., Teichmann, M. Developing a model of non-technical competences for engineers // EWOP in practice (2013) 5, p. 36-54.

Parts, V., Teichmann, M., Rüütmann, T. Would engineers need non-technical skills or non-technical competences or both? // International journal of engineering pedagogy (2013) Vol. 3, 2, p. 14-19.

Pevkur, A., Savran, O. Check list [Electronic resource] // Ethics training for public officials : a study prepared by the OECD Anti-Corruption Network for Eastern Europe and Central Asia (ACN) and SIGMA, a joint EU-OECD initiative, principally financed by the EU, in co-operation with the OECD Public Sector Integrity Network. [S.I.] : OECD, 2013. p. 60-66.

Pietarinen, A.-V. Christine Ladd-Franklin's and Victoria Welby's correspondence with Charles Peirce // Semiotica (2013) 196, p. 139-161.

Pietarinen, A.-V. Pragmaticism revisited : co-evolution and the methodology of social sciences // Cognito (2013) Vol. 14, 1, p. 123-136.

Pijetlovic, K., Nyman-Metcalf, K. Liberalising the service market for satellite transmission : interplay between intellectual property rights, specificity of sport and TFEU economic provisions in Murphy (joined cases C-403/08 and C-429/08) // The international sports law journal (2013) 13, p. 82-96.

Raagamaa, G., Kalvet, T., Kasesalu, R. Europeanization and de-europeanization of Estonian regional policy // European planning studies (2013), p. 1-21.

Raidve, H. Töölähetused // Eesti Majanduse Teataja (2013) 6, lk. 24-28.

Randlane, K. A systematic approach to tax compliance : the case of Estonia // Современная экономика : проблемы, тенденции, перспективы (2013) 9, p. 73-93.

Randma-Liiv, T. Neo-Weberian State : a medicine for Central and Eastern Europe? // Studies on administrative reform : building service-oriented government and performance evaluation systems. Beijing : Jiuzhou Press, 2013. p. 71-86.

Randma-Liiv, T., Metsma, M., Sarapuu, K. Between continuity and change : the analysis of Estonian civil-service training system // The past, present and the future of public administration in Central and Eastern Europe. Bratislava : NISPAcee Press, 2013. p. 195-218.

Randmann, L. Managers on the both sides of the psychological contract // Journal of management and change (2013) No. 1/2 (30/31), p. 124-144.

Ratas, J., Mältssemees, S. Role of environment in strengthening competitiveness of cities by example of European Green Capitals and Tallinn [Electronic resource] // Eesti majanduspoliitilised vätlused (artiklid) = Estnische Gespräche über Wirtschaftspolitik (Beiträge) = Discussions on Estonian economic policy (articles). 2. Berlin : Berliner

Wissenschafts-Verlag ; Tallinn : Mattimar, 2013. p. 106-122. [CD-ROM]. (Eesti majanduspoliitilised vätlused ; 21, 2).

Ratas, J., Mältssemees, S. Keskkonna osa linnade konkurentsivõime tugevdamisel Euroopa roheliste pealinnade ja Tallinna näitel // Topical issues of economic policy in the European Union = Aktuelle Wirtschaftspolitische Probleme in der Europäischen Union = Majanduspoliitika aktuaalsed küsimused Euroopa Liidus : [artiklite kokkuvõtted]. Berlin : Berliner Wissenschafts-Verlag ; Tallinn : Mattimar, 2013. lk. 46-50. (Eesti majanduspoliitilised vätlused ; 21, 2).

Raudla, R. The fiscal crisis and the future of public administration in the NISPACEE region // The past, present and the future of public administration in Central and Eastern Europe. Bratislava : NISPACEE Press, 2013. p. 322-327.

Raudla, R. Constitution and the development of organic budget law in Estonia // Essentials of fiscal sociology : conception of an encyclopedia. Frankfurt am Main : Peter Lang, 2013. p. 115-152. (Finanzsoziologie ; 5).

Raudla, R. The making of the Estonian fiscal constitution : institutional interests versus historical constraints // Essentials of fiscal sociology : conception of an encyclopedia. Frankfurt am Main : Peter Lang, 2013. p. 15-40. (Finanzsoziologie ; 5).

Raudla, R. Tulemuseelarvestamise mõjud ja ohud // Riigikogu Toimetised (2013) 28, lk. 81-91.

Raudla, R. Executive politics in times of crisis : edited by Martin Lodge and Kai Wegrich, Palgrave Macmillan, Basingstoke, 2012, 300 p. : [book review] // West European politics (2013) Vol. 36, 3, p. 671-672.

Raudla, R. Budgeting during austerity : approaches, instruments and practices // Budgetary research review (2013) Vol. 5, 1, p. 30-39.

Raudla, R. Fiscal retrenchment in Estonia during the financial crisis : the role of institutional factors // Public administration (2013) Vol. 91, 1, p. 32-50.

Raudla, R. Pitfalls of contracting for policy advice : preparing performance budgeting reform in Estonia // Governance (2013) Vol. 26, 4, p. 605-629.

Raudla, R., Kattel, R. Fiscal stress management during the financial and economic crisis : the case of the Baltic countries // International journal of public administration (2013) Vol. 36, 10, p. 732-742.

Reinert, E. Primitivization of the EU periphery : the loss of relevant knowledge // Informationen zur Raumentwicklung (2013) 1.

Reinert, E. Euroopa Liidu perifeeria primitiveerumine. Tähtsate teadmiste kaotsiminek // Vikerkaar (2013) 7-8, lk. 78-91.

Rodenberg, R., Tuohy, B., Borghesi, R., Pijetlovic, K., Griffin, S.P. Corruption and manipulation in sport : interdisciplinary perspectives // Gaming law review and economics (2013) Vol. 17, 3, p. 175-187.

Roots, L. Know Reset – country profile : Estonia // Know Reset – Building knowledge for a concerted and sustainable approach to refugee resettlement in the EU and its member states. [S.l.] : European University Institute, 2013. p. 1-3.

Rüütmann, T., Kipper, H. Rethinking effective teaching and learning for the design of efficient curriculum for technical teachers // International journal of engineering pedagogy (2013) Vol. 3, 1, p. 44-51.

Rüütmann, T., Kipper, H. The design and implementation of learner-centered guided in-service programme for technical teacher education // 2013 International Conference on Interactive Collaborative Learning (ICL) : September 25-27, 2013 at Kazan National Research Technological University, in Kazan, Russia. Piscataway : IEEE, 2013. p. 221-226.

Rüütmann, T., Parts, V., Teichmann, M., Kipper, H. Integration of non-technical engineering competences into contemporary engineering curricula // International journal of engineering pedagogy (2013) Vol. 3, 2, p. 20-25.

Saarniit, L., Pevkur, A. Integrity in Estonian state institutions : between appreciation and negligence // 2013 EGPA Annual Conference : Edinburgh, Scotland, 11-13 September 2013 : [programme and abstracts]. [S.l.], 2013.

Savi, R., Randma-Liiv, T. Policy transfer in new democracies : challenges for public administration // Policy transfer and learning in public policy and management : international contexts, content and development. Abingdon : Routledge, 2013. p. 67-79. (Routledge critical studies in public management ; 14).

Schmidt, M., Nurm, M., Murdvee, M. Möödiku FIM kasutamise kogemus insuldihaigetel Keila Taastusravikeskuses // Eesti Arst (2013) 2, lk. 66-72.

Sell, R. Remote laboratory portal for robotic and embedded system experiments // International journal of online engineering (2013) 9, p. 23-26.

Sell, R., Rüütmann, T., Seiler, S. Inductive principles in engineering pedagogy on the example of remote labs // Proceedings : 2013 2nd Experiment@International Conference (exp.at'13) : University of Coimbra, Coimbra, Portugal, 18-20 September, 2013. Piscataway : IEEE, 2013. p. 68-71.

Solarte-Vasquez, M.C. Regulatory patterns of the Internet development : expanding the role of private stakeholders through mediatised "self-regulation" // Baltic journal of European studies (2013) Vol. 3, 1, p. 84-120.

Stramskas, A., Kerikmäe, T., Martinkus, A. Book reviews : The politics of encounter : urban theory and protest under planetary urbanization; Elections to the European Parliament as a challenge for democracy; and Transformations in Central Europe between 1989 and 2012 : geopolitical, cultural, and socioeconomic shifts // Baltic journal of law & politics (2013) Vol. 6, 2, p. 149-166.

Suškevics, M., Tillemann, K., Külvik, M. Assessing the relevance of stakeholder analysis for national ecological network governance : the case of the Green Network in Estonia // Journal for nature conservation (2013) Vol. 21, 4, p. 206-213.

Svetlicinii, A. The design of competition law institutions : global norms, local choices : book review // European competition law review (2013) Vol. 34, 10, p. 557-558.

Svetlicinii, A. Competition Law in the BRICS Countries, by Adrian Emch, Jose Ragazzini and Vassily Rudomino, (Kluwer, 2012), p.330 (+xxxvi) : book review // European competition law review (2013) Vol. 34, 5, p. 280-281.

Svetlicinii, A. New competition law of the Republic of Moldova : prospects and concerns // Österreichische Zeitschrift für Kartellrecht = Austrian competition journal (2013) 6, p. 210-218.

Svetlicinii, A. The Bulgarian Competition Authority finds resale price maintenance practices on the sunflower oil market (Kaliakra) [Electronic resource] // e-Competitions (2013) July, 56414.

Svetlicinii, A. The Bulgarian Competition Authority holds that national health insurance fund is not an undertaking for the purpose of competition law enforcement (NZOK) [Electronic resource] // e-Competitions (2013) August, 56409.

Svetlicinii, A. The Bulgarian Competition Authority sanctions municipal undertakings for charging excessive prices for bus terminal services (Zhilfond Pleven) [Electronic resource] // e-Competitions (2013) April, 54942.

Svetlicinii, A. The Bulgarian Competition Authority sanctions water and sewage company for unjustified refusal to deal (WSV) [Electronic resource] // e-Competitions (2013) July, 56415.

Svetlicinii, A. The Bulgarian Competition Authority sanctions electricity supplier for an abuse of dominance in the form of temporary suspension of supply for accumulated debts (NERGO PRO Sales AD) [Electronic resource] // e-Competitions (2013) May, 56412.

Svetlicinii, A. The Competition Authority of Bosnia & Herzegovina prosecutes healthcare administration for limiting competition in the regional market for medicines reimbursed under state health insurance system (Health Insurance Office of the Republic of Srpska) [Electronic resource] // e-Competitions (2013) April, 54815.

Svetlicinii, A. The Competition Authority of Bosnia & Herzegovina releases its 2012 annual report [Electronic resource] // e-Competitions (2013) April, 54934.

Svetlicinii, A. The Competition Authority of Bosnia and Herzegovina finds an abuse of a collective dominant position on the market of fast money transfer services (Western Union) [Electronic resource] // e-Competitions (2012) November, 50536.

Svetlicinii, A. The Competition Authority of Bosnia and Herzegovina prosecutes Serbian beer producer for resale price maintenance (Apatinska pivara Apatin, Dejan komerc) // e-Competitions (2012) Sept., 50854.

Svetlicinii, A. The Competition Authority of Bosnia and Herzegovina rejects the complaint alleging the anti-competitive character of the government subsidies for energy generation from renewable sources (APEOR) [Electronic resource] // e-Competitions (2012) Oct., 50855.

Svetlicinii, A. The Competition Authority of Bosnia and Herzegovina prosecutes the Government of the Federation of Bosnia and Herzegovina for favouring domestic companies on the market for pharmaceuticals reimbursed under the national health insurance system [Electronic resource] // e-Competitions (2012) Oct., 50533.

Svetlicinii, A. The Competition Authority of Bosnia & Herzegovina prosecutes a collecting society for abuse of dominance (AMUS) [Electronic resource] // e-Competitions (2013) June, 54814.

Svetlicinii, A. The Croatian Competition Authority accepts commitments of the public broadcaster concerning retransmission of television channels by "pay TV" operators (Hrvatska radiotelevizija) [Electronic resource] // e-Competitions (2013) March, 54943.

Svetlicinii, A. The Croatian Competition Authority accepts the commitments of the Croatian autoclub concerning emergency towing services (Hrvatski Autoklub) [Electronic resource] // e-Competitions (2012) Oct., 50874.

Svetlicinii, A. Expanding the definitions of "undertaking" and "economic activity" : application of competition rules to the actions of state institutions in Bosnia and Herzegovina // Yearbook of antitrust and regulatory studies (2013) Vol. 2013, 6(8), p. 11-34.

Svetlicinii, A. "The grocery retail market : is antitrust efficiently handling this market?" (merger, restrictive practices, abuse of dominant position) : country report : Estonia // 2013 Congress of the International League of Competition Law : 19-22 September 2013, Kiev, Ukraine. [S.I.], 2013. p. 1-16.

Svetlicinii, A. Merger remedies in a small market economy : the empirical evidence from the Baltic States // Competition Law and Economics European Network, 7th CLEEN PhD Workshop, Bergen Center for Competition Law and Economics, Bergen, 13-14 May 2013. [S.I.], 2013.

Svetlicinii, A. The Croatian High Administrative Court upholds the decision of the NCA concerning anti-competitive practices in the market for office supplies (Association of office supplies retailers) [Electronic resource] // e-Competitions (2012) Dec., 54816.

Svetlicinii, A. The Croatian High Administrative Court upholds the decision of the Croatian Competition Authority concerning a rebate scheme applied by a mobile phone operator and its distributors (VIPnet) [Electronic resource] // e-Competitions (2012) Dec., 54817.

Svetlicinii, A. (comp.). Estonia : bibliography 2012 // Yearbook of antitrust and regulatory studies (2013) Vol. 2013, 6(8), p. 322-323.

Svetlicinii, A. The Macedonian Competition Authority releases its 2012 annual report [Electronic resource] // e-Competitions (2013) March, 54936.

Svetlicinii, A. The Macedonian High Administrative Court upholds the decision of the Macedonian Competition Authority prosecuting the incumbent telecom operator for establishing high prices for its digital lines leased to the rival Internet providers (Macedonian Telecom) [Electronic resource] // e-Competitions (2012) Nov., 50877.

Svetlicinii, A. The Macedonian High Administrative Court upholds the decision of the Competition Authority concerning anticompetitive practices on the market for mandatory technical certification of motor vehicles (Macedonian Drivers Union) [Electronic resource] // e-Competitions (2012) Nov., 50562.

Svetlicinii, A. The Romanian Competition Authority accepts behavioural commitments of a central securities depository and closes its investigation into the alleged abuse of dominant position (SC Depozitarul Central SA) [Electronic resource] // e-Competitions (2012) Dec., 50881.

Svetlicinii, A. The Romanian Competition Authority accepts behavioural commitments in unfair pricing case in the natural gas sector (Progaz) [Electronic resource] // e-Competitions (2012) Sept., 50572.

Svetlicinii, A. The Romanian Competition Authority follows case law precedent and finds no abuse of dominance on the pharmaceuticals distribution market (Roche Romania) [Electronic resource] // e-Competitions (2013) May, 54944.

- Svetlicinii, A. The Romanian Competition Authority releases the results of its market inquiry on road construction services [Electronic resource] // e-Competitions (2013) August, 56410.
- Svetlicinii, A. The Serbian Competition Authority clears a retail merger in a phase II procedure with imposition of behavioural remedies (Stampa Sistem/Futura Plus) [Electronic resource] // e-Competitions (2012) Nov., 50573.
- Svetlicinii, A. The Serbian Competition Authority modifies its leniency decision in a case of a vertical distribution agreement with a resale price maintenance clause (Idea, Swisslion Group) [Electronic resource] // e-Competitions (2012) Oct., 54818.
- Svetlicinii, A., Botta, M. Enforcement of competition rules in regulated industries : abuse of dominance practices in the new EU member states, candidate countries and potential candidates // 8th ASCOLA Conference "Competition Law as Regulation", 23-25 May 2013, Lecce, Italy. [S.I.] : ASCOLA, 2013.
- Svetlicinii, A., Botta, M. Regulatory implants and local enforcement practices : article 102 TFEU as a tool for price regulation in the new EU member states and candidate countries // 14th Mediterranean Research Meeting : workshop 14 : Regulatory Implants and Local Legal Regimes in the Mediterranean Region, 20-23 March 2013, Mersin, Turkey. [S.I.] : European University Institute, 2013. [11] p.
- Svetlicinii, A., Lugenberg, K. Merger remedies in a small market economy : empirical evidence from the Baltic States // Baltic journal of law & politics (2013) Vol. 6, 1, p. 1-26.
- Teichmann, M. Inseneri kompetentsidest ja muutustest töömaailmas : köne TTÜ 94. aastapäeva aktusel 17. septembril 2012 TTÜ aulas // Tallinna Tehnikaülikooli aastaraamat 2012. [Tallinn] : TTÜ kirjastus, 2013. lk. 256-259.
- Teichmann, M.; Dondon, P.; Ilvest, J. Jr. Bureaucracy as a source of pressure in university // Imagine the future world : how do we want to work tomorrow?. [S.I.] : EAWOP, 2013. p. 159.
- Teichmann, M., Ilvest, J., Dondon, P. Would university academic staff be happier without students? // Recent advances in educational methods : [proceedings of the 10th EDUCATION'13 and 1st ECED'13 : Cambridge, UK, February 20-22, 2013]. [S.I.] : WSEAS Press, c2013. p. 11-17. (Educational technologies series ; 4).
- Teichmann, M., Ilvest, J., Löhmus, M., Murdvee, M., Dondon, P. Monday morning e-mail syndrome in university // Recent advances in telecommunications and circuit design : [proceedings of the 17th CSCC'13 : Rhode Island, Greece, July 16-19, 2013. [S.I.] : WSEAS Press, c2013. p. 169-174. (Recent advances in electrical engineering series ; 17).
- Teichmann, M., Ilvest, J., Soone, I. Online occupational stress intervention system for academics // Recent advances in education and educational technologies : proceedings of the 2013 International Conference on Education and Educational Technologies (EET 2013) : Rhode Island, Greece, July 16-19, 2013. [S.I.], c2013. p. 87-92. (Educational technologies series ; 8).
- Teichmann, M., Parts, V., Kerikmäe, T., Murdvee, M., Pevkur, A. A heuristic model of non-technical competences for engineers // Recent advances in educational methods : [proceedings of the 10th EDUCATION'13 and 1st ECED'13 : Cambridge, UK, February 20-22, 2013]. [S.I.] : WSEAS Press, c2013. p. 40-49.
- Teichmann, M., Randmann, L. Myths among personnel (HR) professionals // EWOP in practice (2013) 5, p. 5-11.

MUUD VÄLJAANDED

Thorhallsson, B., Kattel, R. Neo-liberal small states and economic crisis : lessons for democratic corporatism // Journal of Baltic studies (2013) Vol. 44, 1, p. 83-103.

Tiits, M., Kalvet, T. Intelligent piggybacking : a foresight policy tool for small catching-up economies // International journal of foresight and innovation policy (2013) Vol. 9, 2-3, p. 253-268.

Turkin, V. Individuaalsete töövaidluste lahendamine [Elektrooniline teavik] // Personalijuhtimise käsiraamat. Tallinn : Eesti Personalitöö Arendamise Ühing, 2013. lk. 1-7. (PARE akadeemia raamat).

Verhoest, K., van den Hurk, M., Carbonara, N., Lember, V. et al. National context for PPPs – policy, regulation and supporting institutions // Public private partnerships in transport : trends & theory : P3T3 : 2013 discussion papers. Part I, Country profiles. [S.l.] : COST Office, 2013. p. xii-xxv.

MUUD VÄLJAANDED

Üleülikoolilised väljaanded

Muud struktuuriüksused

Raamatud

Alari, V. Multi-scale wind wave modeling in the Baltic Sea = Mitmemastaapne tuulelainete modelleerimine Läänemeres. Tallinn : TUT Press, 2013. 134 p. (Theses of Tallinn Technical University. B, Thesis on natural and exact sciences ; 156).

Holmar, J. Optical method for uric acid removal assessment during dialysis = Optiline meetod kusihappe eemaldamise määramiseks dialüüsiravi käigus. Tallinn : TUT Press, 2013. 101 p. (Theses of Tallinn Technical University. B, Thesis on natural and exact sciences ; 161).

Kaljusaar, A., Pärss, R. (koost.). Aastaraamat 2012 / Tallinna Tehnikaülikool, Virumaa Kolledž. Tallinn : TTÜ kirjastus, 2013. 82 lk.

Kaparin, V. Transformation of nonlinear state equations into observer form = Mittelineaarsete olekuvõrrandite olekutaastaja kujule teisendamine. Tallinn : TUT Press, 2013. 203 p. (Theses of Tallinn University of Technology. C, Thesis on informatics and system engineering ; 90).

Lips, I., Lips, U. BalticSeaNow.info : marine research = Mereteadus. Tallinn : Tallinna Tehnikaülikooli meresüsteemide instituut, 2013. 45 p.

Mägi, V. (koost. ja toim.). Tallinna Tehnikaülikooli aastaraamat 2012. [Tallinn] : TTÜ kirjastus, 2013. 485 lk., [16] lk. fotod. (Tallinna Tehnikaülikooli aastaraamat ; 20).

Nutt, N. (toim.). Acta architecturae naturalis = Maastikuarhitektuurseid uurimusid. 3. vihik. Tallinn : Tallinna Tehnikaülikool, 2013. 139 lk.

Riives, H. (koost.). Tallinna Tehnikaülikoolis kaitstud väitekirjad 1936-2000 : bibliograafia = Theses accepted by Tallinn University of Technology 1936-2000 : bibliography. Tallinn : [TTÜ kirjastus], 2013. 174 lk. (Tallinna Tehnikaülikooli Raamatukogu töid. B ; 15).

Sepp, M. Estimation of diffusion restrictions in cardiomyocytes using kinetic measurements = Difusioonitakistuste hindamine kardiomüotsüütides kasutades kineetilisi mõõtmisi. Tallinn

: TUT Press, 2013. 96 p. (Theses of Tallinn Technical University. B, Thesis on natural and exact sciences ; 154).

Sklyarov, V., Skliarova, I. ; (ed.) Keevallik, A. Parallel processing in FPGA-based digital circuits and systems. Tallinn : TUT Press, 2013. viii, 346 p.

Soomere, T., Quak, E. (eds.). Preventive methods for coastal protection : towards the use of ocean dynamics for pollution control. Cham [etc.] : Springer, c2013. xviii, 442 lk.

Zaitseva-Pärnaste, I. Wave climate and its decadal changes in the Baltic Sea derived from visual observations = Läänemere lainecliima ja selle muutlikkus visuaalsete lainevaatluste alusel. Tallinn : TUT Press, 2013. 173 p. (Theses of Tallinn University of Technology. F, Thesis on civil engineering ; 42).

Zakrevskij, A. D. ; (ed.) Keevallik, A. Solving large systems of logical equations. [Tallinn] : TUT Press, 2013. 114 p.

Tarand, A., Jaagus, J., Kallis, A. Eesti kliima minevikus ja tänapäeval. [Tartu] : Tartu Ülikooli Kirjastus, c2013. 631 lk.

Uiboupin, R. Application of remote sensing methods for the investigation of spatio-temporal variability of sea surface temperature and chlorophyll fields in the Gulf of Finland = Kaugseire rakendused merepinna temperatuuri ja klorofülli väljade ajalis-ruumilise muutlikkuse uurimiseks Soome lahes. Tallinn : TUT Press, 2013. 123 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 148).

Verš, E., Nemliher, R., Amon-Veskimeister, L., Truuver, K., Ehrlich, K. (toim.). Aeg : [9. geoloogia sügiskooli artiklid ja ettekanded]. Tartu : Eesti Looduseuurijate Selts, 2013. 176 lk. (Schola geologica, 1736-3241 ; 9).

Artiklid

Bobrov, K., Prööm, R. Raoul Üksvärvava publikatsioonid // Raoul Üksvärvav : publikatsioonid. Organisatsioon ja juhtimine 50. Meenutused algaastaist. Tallinn : TTÜ kirjastus, 2013. lk. 121-175.

Engelbrecht, J., Kaljo, D., Krumm, L., Kübarsepp, J. Arvamus akadeemikutelt [oluliste teadusprobleemide kohta] // Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2012. Tallinn : Eesti Teaduste Akadeemia, 2013. lk. 229-236.

Kamratov, A. Meenutades kokkupuuteid professor Merestega // Uno Mereste kaasaegsete mälestustes. [Tallinn] : TTÜ majandusteaduskond, 2013. lk. 47-48.

Keevallik, A. Kõne Tartu Ülikoolis rektor Volli Kalmu inauguratsioonil : 31. augustil 2012 TÜ aulas // Tallinna Tehnikaülikooli aastaraamat 2012. [Tallinn] : TTÜ kirjastus, 2013. lk. 254-255.

Kirmjõe, K. Insenerivõistlus lahendab ettevõtete pärisprobleeme : [BESTi üritus] // Inseneeria (2013) 11, lk. 44.

Kont, K.-R. Cost accounting and scientific management in libraries : a historical overview // Journal of management history (2013) Vol. 19, 2, p. 225-240.

Kont, K.-R., Jantson, S. Division of labor and coordination, intra-organizational career and salary fairness : study in Estonian university libraries // Library management (2013) Vol. 34, 6/7, p. 415-432.

Kont, K.-R., Jantson, S. Library employees' attitudes towards the measurement and appraisal of their work performance : study in Estonian university libraries // Library management (2013) Vol. 34, 6/7, p. 521-537.

Kont, K.-R., Jantson, S. Intra-organizational career in Estonian University libraries : a necessity and a possibility? // Library review (2013) Vol. 62, 8/9, p. 492-507.

Kont, K.-R., Jantson, S. Raamatukoguhoidjate ja spetsialistide hoiakud // Raamatukogu (2013) 1, lk. 5-11.

Kont, K.-R., Jantson, S. Intra-organizational career opportunities in Estonian University libraries : a necessity and a possibility? // International Conference on Education and New Developments 2013 : 1-3 June, Lisbon, Portugal : book of proceedings. Lisbon : W.I.A.R.S., 2013. p. 287-291.

Kont, K.-R., Jantson, S. Librarians work-related learning and self-development : study in Estonian university libraries // International Conference on Education and New Developments 2013 : 1-3 June, Lisbon, Portugal : book of proceedings. Lisbon : W.I.A.R.S., 2013. p. 319-323.

Kont, K.-R., Jantson, S. Librarians work-related and self-development : study in Estonian university libraries // LibrAsia 2013 : the official conference proceedings 2013. Naka Ward : IAFOR, 2013. p. 0285.

Kusmin, M. E-õpe // Haridusleksikon. [Tallinn] : Eesti Keele Sihtasutus, 2013. lk. 65-68.

Mägi, V. Estonian language of technology as a factor supporting the evolution of engineering thinking // Acta Baltica historiae et philosophiae scientiarum (2013) Vol. 1, 1 (Spring 2013), p. 75-94.

Mägi, V. Määeinsener Artur Aleksander Linari-Linholm // Inseneeria (2013) 2, lk. 46-47.

Mägi, V. Riia Tehnikaülikool Eesti insenerihariduse arenguloos : [ettekanne seminaril "Riia Tehnikaülikooli roll Eesti insenerihariduse arengus : tehnikaharidus ja tehniline mõte" : 26. septembril 2012 TTÜ nõukogu saalis] // Tallinna Tehnikaülikooli aastaraamat 2012. [Tallinn] : TTÜ kirjastus, c2013. lk. 47-51.

Mägi, V. Eesti tehnikakeel ja tehnikaraamat : ettekanne aasta parima eestikeelse kõrgkooliõpiku konkursi võitjate autasustamisel 15. märtsil 2012 Eesti Teaduste Akadeemia saalis Toompeal // Tallinna Tehnikaülikooli aastaraamat 2012. [Tallinn] : TTÜ kirjastus, c2013. lk. 247-251.

Mägi, V. Näituse "Riia Tehnikaülikool 150" avamine : kolmapäeval, 26. septembril 2012 TTÜ raamatukogu galeris // Tallinna Tehnikaülikooli aastaraamat 2012. [Tallinn] : TTÜ kirjastus, c2013. lk. 66-67.

Mägi, V., Aarna, O., Annus, A. jt. Vahur Mägi vestlusring endiste automaatikainstituudi õppejõududega : [vestlusringis Olav Aarna, Arno Annus, Wilhelm Kracht, Heino Ross] // Tallinna Tehnikaülikooli aastaraamat 2012. [Tallinn] : TTÜ kirjastus, c2013. lk. 188-193.

Tammemäe, K. Homne insener atraktiivse Euroopa nimel // Tallinna Tehnikaülikooli aastaraamat 2012. [Tallinn] : TTÜ kirjastus, 2013. lk. 11-17.

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