

**A MPPT control method for full soft-switching high step-up current-fed DC-DC converter**

**Kosenko, Roman; Roasto, Indrek** 2015 56th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2015 / p. 199-203 : ill <https://ieeexplore.ieee.org/document/7343153>

**A simple approach to determine the stokes drift for the entire Baltic Sea**

**Lehmann, Andreas; Didenkulova, Irina; Höflisch, Katharina** 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 57 [http://www.bssc2015.lv/wp-content/uploads/2015/07/10th\\_BSSC\\_AbstractBook\\_final.pdf](http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf)

**A study on perceptions of national security in Korea and the EU through the comparison of security threatening factors**

**Notermans, Antonius Johannes Hubertus; Kim, Dong-Jin** 2015 international joint research project 2015 / p. 99-154

**A turn for constructivist human security research? : review of this special Human Security issue**

**Polese, Abel** Forum of EthnoGeoPolitics 2015 / p. 93-96

**A two-stage approach to 2D DOA estimation for a compact circular microphone array**

**Astapov, Sergei; Berdnikova, Julia; Preden, Jürjo-Sören** 2015 4th International Conference on Informatics, Electronics & Vision (ICIEV) : [proceedings] 2015 / [6] p. : ill

**A two-stage approach to 2D DOA estimation for a compact circular microphone array**

**Astapov, Sergei; Berdnikova, Julia; Preden, Jürjo-Sören** 2015 4th International Conference on Informatics, Electronics & Vision (ICIEV) : [abstracts] 2015 / p. 74-75

**A universality of ethane-bridged bis-porphyrin structural motif for effective supramolecular chirogenesis, sensor development, and light harvesting systems**

**Borovkov, Victor** The UGC-SAP Sponsored International Conference on New Horizons in Synthetic and Materials Chemistry (ICSMC-2015) : Mumbai, India, November 26-28, 2015 : abstract book 2015 / p. 8

**Aafrikas tuntakse suurt huvi Eesti ülikoolide vastu**

Kaukvere, Tiina Postimees 2015 / lk. 6-7

**Aalto ülikooli kogemus**

**Pihlak, Heidi** Mente et Manu 2015 / lk. 9 : fot [https://artiklid.elnet.ee/record=b2749534\\*est](https://artiklid.elnet.ee/record=b2749534*est)

**Aasta 2014 parimad TTÜs**

**Vähi, Kersti** Mente et Manu 2015 / lk. 4 [https://artiklid.elnet.ee/record=b2714595\\*est](https://artiklid.elnet.ee/record=b2714595*est)

**Aasta parima kõrgkooliõpiku autor on Vello Otsmaa**

Mente et Manu 2015 / lk. 25 [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

**Aasta tehasemaja : võistlustules kortermajad**

**Kurnitski, Jarek** EhitusEST 2015 / lk. 46-47 : fot

**Aasta õpetaja galale on kutsutud Ida-Virumaalt 16 haridustegelast : [TTÜ Virumaa kolledžist Antonina Zguro]**

Korsten, Teet Põhjarannik 2015 / lk. 4 : fot

**Aastaid TTÜ tudengite lemmikõppejõud olnud Avo Ots kasvas majas, kus polnud elektrit**

**Ots, Avo** Inseneeria 2015 / lk. 32-35 : fot [https://artiklid.elnet.ee/record=b2748911\\*est](https://artiklid.elnet.ee/record=b2748911*est)

**Aastalõpumõtteid teadusest**

**Engelbrecht, Jüri** Sirp 2015 / lk. 23-24 <https://sirp.ee/s1-artiklid/c21-teadus/aastalopumotteid-teadusest/>

**Aastaraamat 2014 / Tallinna Tehnikaülikool, Virumaa Kolledž**

2015 [http://www.ester.ee/record=b2666429\\*est](http://www.ester.ee/record=b2666429*est)

**Aaviksoo eliitülikool**

Lepassalu, Virkko Pealinn 2015 / lk. 2

**Aaviksoo kandidatuur TTÜ rektori kohale jäi püsima**

Pöld, Anna; Meiessaar, Maris Eesti Päevaleht 2015 / lk. 4 <https://epl.delfi.ee/artikkel/71720571/aaviksoo-kandidatuur-ttu-rektori-kohale-jai-pusima>

**Aaviksoo kinnitati tehnikaülikooli rektoriks**

Õhtuleht 2015 / lk. 3

### **Aaviksoo on tehnikaülikoolile parim valik**

Kaldoja, Väino Eesti Päevaleht 2015 / lk. 11 <https://epl.delfi.ee/artikkel/71703619/aaviksoo-on-tehnikaulikoolile-parim-valik>

### **Aaviksoo palk on 5500 eurot**

Postimees 2015 / lk. 3

### **Aaviksoo peaks loobuma**

Tammelaan, Mihkel Postimees 2015 / lk. 15

### **Aaviksoo rektoriks saamise osas referendumit ei tule**

Postimees 2015 / lk. 3 <https://www.postimees.ee/3211793/aaviksoo-rektoriks-saamise-osas-referendumit-ei-tule>

### **Aaviksoo rektoriks valimise vaidlus läbi**

Postimees 2015 / lk. 4

### **Aaviksoo saatuslik viga**

Kiisler, Vilja Äripäev 2015 / lk. 19 <https://www.aripaev.ee/arvamus/2015/06/09/vilja-kiisler-jaak-aaviksoo-saatuslik-viga-irl-ttu>

### **Aaviksoo sai rektorikoha**

Mihelson, Helen; Kaukvere, Tiina Postimees 2015 / lk. 3 <https://www.postimees.ee/3278569/aaviksoo-sai-rektorikoha>

### **ABCE1 is a highly conserved RNA silencing suppressor : [journal article]**

Kärblane, Kairi; Gerassimenko, Jelena; Nigul, Lenne; Piirsoo, Alla; Smialowska, Agata; Vinkel, Kadri; Kylsten, Per; Ekwall, Karl; Swoboda, Peter; Truve, Erkki; Sarmiento Guerin, Maria Cecilia PLoS ONE 2015 / p. 1-17 : ill

<https://doi.org/10.1371/journal.pone.0116702> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **About technical terms of oil shale and shale oil**

Reinsalu, Enno; Aarna, Indrek Oil shale 2015 / p. 291-292 [https://artiklid.elnet.ee/record=b2750696\\*est](https://artiklid.elnet.ee/record=b2750696*est)

<https://doi.org/10.3176/oil.2015.4.01> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Abrasive impact wear resistance of hardfacings**

Kulu, Priit; Surženkov, Andrei; Tarbe, Riho; Simson, Taavi European Conference on Heat Treatment and 22nd IFHTSE Congress : Heat Treatment and Surface Engineering from tradition to innovation : Venice (Italy), 20-22 May 2015 2015 / [9] p. : ill

### **An abrupt change in winds that may radically affect the coasts and deep sections of the Baltic Sea**

Soomere, Tarmo; Bishop, Steven R.; Viška, Maija; Räämet, Andrus Climate research 2015 / p. 163-171 : ill

<https://doi.org/10.3354/cr01269> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Abstract on the dynamics of the river bulge using satellite imagery and numerical model, case study of Daugava river bulge**

Soosaar, Edith; Uiboupin, Rivo; Skudra, Maris; Maljutenko, Ilja; Raudsepp, Urmas 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 61 [http://www.bssc2015.lv/wp-content/uploads/2015/07/10th\\_BSSC\\_AbstractBook\\_final.pdf](http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf)

### **Accessibility of published QSAR models : ecotoxic endpoints**

Kahn, Iiris; Ahte, Priit; Sild, Sulev; Maran, Uko ALTEX proceedings. Vol. 4, No. 2 2015 / p. 119

### **Accessibility of published QSAR models : environmental fate endpoints**

Kahn, Iiris; Ahte, Priit; Piir, Geven; Sild, Sulev; Maran, Uko Conferentia Chemometrica 2015 : Budapest, MTA TTK, September 13-16, 2015 2015 / p. P33

### **Accessing extraterritorially located data : options for states [Online resource]**

Osula, Anna-Maria 2015

[https://ccdcoe.org/sites/default/files/multimedia/pdf/Accessing%20extraterritorially%20located%20data%20options%20for%20States\\_Ana-Maria\\_Osula.pdf](https://ccdcoe.org/sites/default/files/multimedia/pdf/Accessing%20extraterritorially%20located%20data%20options%20for%20States_Ana-Maria_Osula.pdf)

### **Accounting journals in Estonia**

Alver, Jaan; Alver, Lehte SIBR-RDINRRU 2015 Conference on Interdisciplinary Business and Economic Research : July 2nd-3rd, 2015, Osaka Japan : proceedings 2015

### **Accumulation of heavy minerals in the eastern coast of the Gulf of Riga, south-western Estonia**

Järvellil, Johanna-Iisabel; Kleesment, Anne; Raukas, Anto Bulletin of the Geological Society of Finland 2015 / p. 67 - 78

<https://doi.org/10.17741/bgsf/87.2.002> Journal metrics at Scopus Article at Scopus

### **Accuracy issues of the Haar wavelet method**

**Mikola, Madis; Haavajõe, Anti; Arak, Marti; Majak, Jüri; Pohlak, Meelis;** Shvartsman, Boris 28th Nordic Seminar on Computational Mechanics, 22-23 October, Tallinn, 2015 : proceedings of the NSCM28 2015 / p. 103-106

**Accurate NBTI-induced gate delay modeling based on intensive SPICE simulations**

**Kostin, Sergei; Raik, Jaan; Ubar, Raimund-Johannes; Jenihhin, Maksim** MEDIAN Finale : Workshop on Manufacturable and Dependable Multicore Architectures at Nanoscale : November 10-11, 2015, Tallinn, Estonia 2015 / p. 21-26 : ill

**Acoustic spectrum analysis of genuine and counterfeit euro coins**

**Gavrijaševa, Alina; Märten, Olev; Land, Raul** Elektronika ir elektrotehnika = Electronics and electrical engineering 2015 / p. 54-57 : ill <https://doi.org/10.5755/j01.eee.21.3.10384> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**ACSM study to assess possible municipal solid waste incineration in household stoves**

Maasikmets, Marek; **Kupri, Hanna-Lii;** Teinemaa, Erik; Vainumäe, Keio; Arumäe, Tarvo; Kimmel, Veljo Handbook : EAC 2015, European Aerosol Conference 2015 : 6-11 September 2015 2015 / p. 257

**Acta Baltica historiae et philosophiae scientiarum**

2015 [https://www.ester.ee/record=b2941458\\*est](https://www.ester.ee/record=b2941458*est)

**Activation and reactivity of Estonian oil shale cyclone ash towards SO<sub>2</sub> binding**

**Kaljuvee, Tiit;** Trass, Olev; **Pihu, Tõnu; Konist, Alar; Kuusik, Rein, keemik** Journal of thermal analysis and calorimetry 2015 / p. 19-28 : ill <https://doi.org/10.1007/s10973-014-4308-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Active learning in remote electrical drive laboratory**

**Vodovozov, Valery; Raud, Zoja; Lehtla, Tõnu** Proceedings of 2015 IEEE Global Engineering Education Conference (EDUCON) : 18-20 March 2015, Tallinn University of Technology (TUT), Tallinn, Estonia 2015 / p. 28-34 : ill <https://doi.org/10.1109/EDUCON.2015.7095946>

**Active magnetic bearing calibration to compute levitation force in a bearingless synchronous reluctance motor drive**

Mukherjee, Victor; **Belahcen, Anouar;** Hinkkanen, Marko Doctoral School of Energy and Geotechnology II : closing conference of the project : Pärnu, Estonia, January 12-17, 2015 2015 / p. 165-168 : ill

**Adjusting the number of working pumps through efficiency control**

**Bakman, Ilja** Doctoral School of Energy and Geotechnology II : closing conference of the project : Pärnu, Estonia, January 12-17, 2015 2015 / p. 75-80 : ill

**Administrative culture = Halduskultuur = Административная культура = Verwaltungskultur = Hallintokulttuuri**

2015 [https://www.ester.ee/record=b1447450\\*est](https://www.ester.ee/record=b1447450*est)

**Administrative culture = Halduskultuur = Административная культура = Verwaltungskultur = Hallintokulttuuri**

2015 [https://www.ester.ee/record=b1447450\\*est](https://www.ester.ee/record=b1447450*est)

**The adoption of regulation Brussels I recast : analysis of the introduced changes**

**Alavi, Hamed; Kerikmäe, Tanel; Khamichonak, Tatsiana** European studies : the review of European law, economics and politics 2015 / p. 107-116 [http://caes.upol.cz/wp-content/uploads/2016/04/European\\_studies\\_Volume-2\\_2016\\_eBook-1.pdf](http://caes.upol.cz/wp-content/uploads/2016/04/European_studies_Volume-2_2016_eBook-1.pdf)

**Advanced continuous cultivation methods for systems microbiology**

**Adamberg, Kaarel;** Valgepea, Kaspar; **Vilu, Raivo** Microbiology 2015 / p. 1707-1719 : ill <https://doi.org/10.1099/mic.0.000146> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Advances in heat transfer : proceedings of the 7th Baltic Heat Transfer Conference : Tallinn, Estonia, August 24-26, 2015**

2015 [http://www.ester.ee/record=b4494547\\*est](http://www.ester.ee/record=b4494547*est)

**Aeolian activity on the northern coast of Lake Peipsi, North-Eastern Estonia**

Ratas, Urve; Raukas, Anto; Ravis, Reimo; **Tavast, Elvi** Journal of Coastal Research 2015 / p. 25-35 <https://doi.org/10.2112/JCOASTRES-D-12-00231.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Aero-acoustic studies and innovative noise control with application to modern automotive gas exchange system = Kaasaegse automootori gaasivahetussüsteemide aeroakustilised uuringud ja müra vähendamise innovaatilised meetodid**

**Kabral, Raimo** 2015 <https://digi.lib.ttu.ee/i/?2502> [https://www.ester.ee/record=b4481436\\*est](https://www.ester.ee/record=b4481436*est)

**Aeru eri tähendustest**

**Albri, Rein** Paat & Meremees 2015 / lk. 98-99 : ill [https://artiklid.elnet.ee/record=b2751203\\*est](https://artiklid.elnet.ee/record=b2751203*est)

**Aftermath of the great recession : challenges of coordinating fiscal consolidation and growth enhancing innovation**

**policies in Central and Eastern Europe [Online resource]**

**Karo, Erkki; Kattel, Rainer; Raudla, Ringa** 2015 <http://technologygovernance.eu/files/main//2015110507200909.pdf>

**Aggregation of phosphate and 1-tetradecyl-3-methylimidazolium chloride background electrolytes during micellar electrokinetic chromatography**

**Kazarjan, Jana; Vaher, Merike; Kaljurand, Mihkel** Electrophoresis 2015 / p. 1040–1042 : ill <https://doi.org/10.1002/elps.201400448>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Agu Aarna 100**

**Mölder, Leevi** Oil shale 2015 / p. 288-290 : portr [https://artiklid.elnet.ee/record=b2740517\\*est](https://artiklid.elnet.ee/record=b2740517*est)

**Agu Aarna 100 : põlevikiveemiast polümeermaterjalideni**

**Öpik, Andres** Mente et Manu 2015 / lk. 20-21 : fot [https://artiklid.elnet.ee/record=b2746580\\*est](https://artiklid.elnet.ee/record=b2746580*est)

**Ahelais tootmine**

**Strandberg, Marek** Inseneeria 2015 / lk. 4

**Aiaaukude valitsemine**

**Uudelepp, Agu** Maaleht 2015 / lk. 11

**Air cargo development in the regional airports of the Baltic Sea region through road feeder services**

**Beifert, Anatoli** Transport and telecommunication 2015 / p. 107-116 : ill <http://dx.doi.org/10.1515/tjt-2015-0010>

**Air leakage of concrete floor and foundation junctions**

**Alev, Üllar; Antsov, Peeter; Kalamees, Targo** Energy procedia 2015 / p. 2046-2051 : ill <https://doi.org/10.1016/j.egypro.2015.11.217>

[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Air vortex assisted electrospinning unit for nanoyarn production**

**Viirsalu, Mihkel; Kivirand, Teet; Krumme, Andres; Savest, Natalja** Baltic Polymer Symposium 2015 : Sigulda, Latvia, September 16-18 : programme and proceedings 2015 / p. 53

**Airborne laser scanning determination of sea surface heights [Electronic resource]**

**Ellmann, Artu; Julge, Kalev; Gruno, Anti; Liibus, Aive** 26th IUGG General Assembly 2015 : Prague, Czech Republic, Prague Congress Centre, June 22-July 02, 2015 2015 / [1] p

**Airtightness of residential buildings in Finland**

**Vinha, Juha; Manelius, Elina; Kurnitski, Jarek** Building and environment 2015 / p. 128-140 : ill

**Airtightness, air exchange and energy performance in historic residential buildings with different structures**

**Eskola, Lari; Alev, Üllar; Arumägi, Endrik; Jokisalo, Juha; Donarelli, Anna; Sirén, Kai; Kalamees, Targo** International journal of ventilation 2015 / p. 11-26 : ill <https://doi.org/10.1080/14733315.2015.11684066> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Aja ja inimeste lood : [Mari Saadi raamatute "Matused ja laulupeod" ja "Oakesed kaunas" ülevaade]**

**Kõvamees, Anneli Sirp** 2015 / lk. 14 <https://www.sirp.ee/s1-artiklid/c7-kirjandus/aja-ja-inimeste-lood/>

**Ajuinseneeria : erksuses ja rahuloleku nupp pea küljes**

**Strandberg, Marek** Inseneeria 2015 / lk. 6 : fot [https://artiklid.elnet.ee/record=b2738545\\*est](https://artiklid.elnet.ee/record=b2738545*est)

**Akadeemia liikmeskond**

**Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae** 2014 2015 / lk. 12-15

**Akadeemia nimelised medalid : [Wilhelm Ostwaldi nimeline medal akadeemik Mati Karelson'ile]**

**Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae** 2014 2015 / lk. 48

**Akadeemia uuendab uurija-professori institutsiooni : [tippteaduse sidumisest Eesti vajadustega]**

**Soomere, Tarmo** Õpetajate Leht 2015 / lk. 9 <https://opleht.ee/2015/03/akadeemia-uuendab-uurija-professori-institutsiooni/>

**Akadeemia uus president pühitseti ametisse : [Tarmo Soomere]**

**Mihelson, Helen** Postimees 2015 / lk. 3 <https://www.postimees.ee/3070609/video-teaduste-akadeemia-uus-president-puhitseti-ametisse>

**Akadeemik Jaak Aaviksoo : valimisplatvorm**

**Aaviksoo, Jaak** Mente et Manu 2015 / lk. 3-4 : portr [https://artiklid.elnet.ee/record=b2721086\\*est](https://artiklid.elnet.ee/record=b2721086*est)

**Akadeemik Jakob Kübarsepp : valimisplatvorm**

**Kübarsepp, Jakob** Mente et Manu 2015 / lk. 5-7 : portr [https://artiklid.elnet.ee/record=b2721092\\*est](https://artiklid.elnet.ee/record=b2721092*est)

**Akadeemik Margus Lopp püüab kala ja saeb puid**

Lopp, Margus Meie Maa 2015 / lk. 6-7 [https://www.ester.ee/record=b5561406\\*est](https://www.ester.ee/record=b5561406*est)

**Akadeemik Mart Ustav : valimisplatvorm**

Ustav, Mart Mente et Manu 2015 / lk. 12-15 : portr [https://artiklid.elnet.ee/record=b2721095\\*est](https://artiklid.elnet.ee/record=b2721095*est)

**Aktiivne tudeng, kandideeri ÜE-sse**

Studioosus 2015 / lk. 20-21 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

**Alarmisüsteemid. Osa 4, Elektromagnetiline ühilduvus. Tooteperekonna standard [Võrguteavik] : häiringu taluvuse nõuded tulekahju-, sissemurde- ja kallaletungialarmisüsteemide, videovalvesüsteemide, juurdepääsukontrollisüsteemide ja isiklike appikutsesüsteemide komponentidele = Alarm systems. Part 4, Electromagnetic compatibility. Product family standard : immunity requirements for components of fire, intruder, hold up, CCTV, access control and social alarm systems**

2015 [http://www.ester.ee/record=b4532276\\*est](http://www.ester.ee/record=b4532276*est)

**Algab uue arengukava koostamine**

Lemba, Heiki Mente et Manu 2015 / lk. 20-21 [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

**Algasid üldhariduskoolide õppepäevad TTÜ Mektory keskuses**

Õpetajate Leht 2015 / lk. 8 <https://opleht.ee/2015/02/algasid-uldhariduskoolide-oppepaevad-ttu-mektory-keskuses/>  
[https://artiklid.elnet.ee/record=b2713032\\*est](https://artiklid.elnet.ee/record=b2713032*est)

**Alignment position method for SPAD detector calibration and homogeneity**

Dhoska, Klodian; Hofer, Helmuth; Lopez, Marco; Kübarsepp, Toomas; Kück, Stefan International journal of scientific reports 2015 / p. 271-274 : ill <http://dx.doi.org/10.18203/issn.2454-2156.IntJSciRep20151253>

**Allene oxide synthase-lipoxygenase pathway in coral stress response = Alleenoksiidi süntaas-lipoksügenaasi rada korallide stressivastuses**

Löhelaid, Helike 2015 <https://digi.lib.ttu.ee/i/?1870> [https://www.ester.ee/record=b4446782\\*est](https://www.ester.ee/record=b4446782*est)

Almeida, J.; Cano, A.; Klima, O.; Pin, J.-E. On fixed points of the lower set operator. Int. J. Algebra Comput. 25, No. 1-2, 259-292 (2015) : [review]

Henno, Jaak Zentralblatt MATH 2015 / [1] p

Almeida, J.; Klima, O. On the irreducibility of pseudovarieties of semigroups. J. Pure Appl. Algebra 220, No. 4, 1517-1524 (2016) : [review]

Henno, Jaak Zentralblatt MATH 2015 / [1] p

**Alternative splicing in health and disease = Alternatiivne splaising haiges ja terves koes**

Kazantseva, Anna 2015 <https://digi.lib.ttu.ee/i/?3954> [https://www.ester.ee/record=b4532797\\*est](https://www.ester.ee/record=b4532797*est)

**Aluminum based composite by novelty process : Repetitive Press Roll Bonding (RPRB)**

Pramono, Agus; Kollo, Lauri; Veinthal, Renno Procedia chemistry 2015 / p. 473-479 : ill

<http://dx.doi.org/10.1016/j.proche.2015.12.081>

**Ambitsioonikusest Eesti puitmajatootjatel puudu ei jää : [Tartu ettevõtte Kodumaja AS koostööst Norra ehitajatega]**

Luide, Ingrid Studioosus 2015 / lk. 16-17 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

**Ameerika inglise keele klubi**

Sala, Liina Studioosus 2015 / lk. 20-21 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

**Amphiphilic glycosylated block copolypeptides as macromolecular surfactants in the emulsion polymerization of styrene**

Jacobs, Jaco; Gathergood, Nicholas; Heuts, Johan P. A.; Heise, Andreas Polymer chemistry 2015 / p. 4634-4640 : ill

<https://doi.org/10.1039/C5PY00548E> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**La ampliación griega y el caso de Groenlandia**

Ramiro Troitino, David; Kerikmäe, Tanel; Chochia, Archil Pasado, presente y futuro de la Unión Europea 2015 / p. 64-69

**An ad-hoc implementation of a remote laboratory**

Azad, Siavoosh Payandeh; Kinks, Hannes; Tajammul, Muhammad Adeel; Ellervee, Peeter 2015 International Conference on Microelectronic Systems Education : MSE '15 : Pittsburgh, PA, May 20-21, 2015 2015 / p. 48-51 : ill

<http://dx.doi.org/10.1109/MSE.2015.7160015>

#### **An affine combination of adaptive filters for sparse impulse response identification**

**Butsenko, Maksim; Trump, Tõnu** 2015 23rd Telecommunications Forum (TELFOR) : Belgrade, Serbia, November, 24-26, 2015 : proceedings of papers = XXIII Телекомуникациони Форум ТЕЛФОР 2015 : зборник радова 2015 / p. 396-399 : ill <http://dx.doi.org/10.1109/TELFOR.2015.7377491>

#### **An analysis of engineering students' knowledge on the topic of occupational health and safety [Electronic resource]**

**Paju, Jana; Kalle, Sigrid** 6th International Conference Biosystems Engineering 2015 : 7-8 May 2015, Tartu, Estonia : book of abstracts 2015 / p. 113. [CD-ROM] [http://bse.emu.ee/BSE2015\\_Book%20of%20ABSTRACTS\\_ISBN.pdf](http://bse.emu.ee/BSE2015_Book%20of%20ABSTRACTS_ISBN.pdf)

#### **An ever more polarised union : the Greek problem and the failure of EU economic governance [Online publication]**

**Notermans, Antonius Johannes Hubertus** 2015 <https://www.scribd.com/document/294565225/CES-Open-Forum-24-An-Ever-More-Polarized-Union-The-Greek-Problem-and-the-Failure-of-EU-Economic-Governance>

#### **An experimental study on the effects of matrix cracking to the stiffness of glass/epoxy cross plied laminates**

**Lasn, Kaspar; Echtermeyer, Andreas T.; Klauson, Aleksander; Chati, Farid; Decultot, Dominique** Composites. Part B: Engineering 2015 / p. 260-268 : ill <https://doi.org/10.1016/j.compositesb.2015.06.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **An exploratory study of governmental management accounting in China**

**Zheng, Xiaosong; Alver, Jaan** Journal of applied management and investments 2015 / p. 102-110 : ill

#### **An orthotropic material model for steel fibre reinforced concrete based on the orientation distribution of fibres**

**Eik, Marika; Puttonen, Jari; Hermann, Heiko** Composite structures 2015 / p. 324-336 : ill <https://doi.org/10.1016/j.compstruct.2014.11.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **An unassailable fortress? Neo-liberalism in Estonia**

**Notermans, Antonius Johannes Hubertus** Localities 2015 / p. 103-138 : tab <http://dx.doi.org/10.15299/local.2015.11.5.103>

#### **Analyses of the extra cost of NZEB and low energy apartment buildings**

**Thalfeldt, Martin; Pikas, Ergo; Kurnitski, Jarek** World Sustainable Energy Days 2015 : Young Researchers' Conference : Energy Efficiency : 25-27 February 2015, Wels, Austria 2015

#### **Analysing undisturbed bottom boundary layer profiles of some North-Estonian coastal areas**

**Erm, Ants; Voll, Martin; Buschmann, Fred; Roots, Ott** 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 227 [http://www.bssc2015.lv/wp-content/uploads/2015/07/10th\\_BSSC\\_AbstractBook\\_final.pdf](http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf)

#### **Analysis and 3D visualisation of microstructured materials on custom-built virtual reality environment =**

**Virtuaalkeskonna arendamine mikrostruktuursete materjalide analüüsiks ja kolmemõõtmeliseks visualiseerimiseks**  
**Pastorelli, Emiliano** 2015 <https://digi.lib.ttu.ee/i/?2533> [https://www.ester.ee/record=b4483740\\*est](https://www.ester.ee/record=b4483740*est)

#### **Analysis and comparison of attainable hardware acceleration in all programmable systems-on-chip**

**Sklyarov, Valery; Skliarova, Iuliia; Silva, João; Sudnitsõn, Aleksander** Euromicro Conference on Digital System Design : DSD 2015 : 26-28 August 2015, Funchal, Madeira, Portugal : proceedings 2015 / p. 345-352 : ill <http://dx.doi.org/10.1109/DSD.2015.45>

#### **Analysis and quantification of remacrocyclisation of cyclohexylhemicurbituril homologues**

**Fomitšenko, Maria; Peterson, Anna; Prigorchenko, Elena; Järving, Ivar; Aav, Riina** EuroAnalysis 2015 : 6-10 September 2015, Bordeaux, France 2015

#### **Analysis model development to simplify PLM implementation**

**Paavel, Marko; Kaganski, Sergei; Karjust, Kristo; Lemmik, Rivo; Eiskop, Tanel** Proceedings of the 10th International Conference of DAAAM Baltic Industrial Engineering, 12-13th May 2015, Tallinn, Estonia 2015 / p. 69-74 : ill

#### **Analysis of ADP compartmentation in cardiomyocytes and its role in protection against mitochondrial permeability transition pore opening = ADP kompartmentatsiooni analüüs südamelihaskududes ja selle roll mitokondriaalse suure läbitavusega poori avanemise eest kaitsmisel**

**Karro, Niina** 2015 <https://digi.lib.ttu.ee/i/?3423> [https://www.ester.ee/record=b4500337\\*est](https://www.ester.ee/record=b4500337*est)

#### **Analysis of borehole geophysical data from the Mora area of the Siljan Ring impact structure, central Sweden**

**Muhamad, Harbe; Juhlin, Christopher; Lehnert, Oliver; Meinhold, Guido; Andersson, Magnus; Garcia Juanatey, Maria; Malehmir, Alireza** Journal of Applied Geophysics 2015 / p. 183 - 196 <https://doi.org/10.1016/j.jappgeo.2015.02.019> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Analysis of buck mode realization possibilities in quasi-Z-source DC-DC converters with voltage doubler rectifier**

**Zakis, Janis; Rankis, Ivars; Liivik, Liisa; Chub, Andrii** 2015 IEEE 5th International Conference on Power Engineering, Energy and Electrical Drives (POWERENG) : proceedings : May 11-13, 2015, Riga, Latvia 2015 / p. 570-575 : ill

**Analysis of deep level spectrum in GaAs p+-p-i-n-n+ structures**

Toompuu, Jana; Sleptšuk, Natalja; Korolkov, Oleg; Rang, Toomas Materials characterization VII 2015 / p. 283-294 : ill

**Analysis of elemental composition of a heat activated, multi-force, nickel titanium orthodontic archwire**

Petrunov, V.; Andreeva, Laura; Mikli, Valdek Bulgarian chemical communications 2015 / p. 229-233 : ill

**Analysis of energy fluxes in colorectal cancer saponin skinned tissues and Caco-2 cells**

Ševtšuk, Igor; Kaldma, Andrus; Tšekulajev, Vladimir; Klepinin, Aleksandr; Ōunpuu, Ljudmila MiP 2015 : 11th Conference on Mitochondrial Physiology : Lucni Bouda, Giant Mountains National Park, Czech Republic, 7-11 September 2015 2015 / p. 35-36 : ill  
[http://www.bioblast.at/index.php/Shevchuk\\_2015\\_Abstract\\_MiP2015](http://www.bioblast.at/index.php/Shevchuk_2015_Abstract_MiP2015)

**An analysis of engineering students' knowledge on the topic of occupational health and safety**

Paju, Jana; Kalle, Sigrid Agronomy research 2015 / p. 810-819 : ill [http://agronomy.emu.ee/vol133/13\\_3\\_19\\_B5.pdf](http://agronomy.emu.ee/vol133/13_3_19_B5.pdf) [Journal metrics at Scopus](#) [Article at Scopus](#)

**Analysis of fires in buildings in Estonia**

Jalas, Raido; Just, Alar Proceedings of the 1st European Workshop Fire Safety of Green Buildings : Berlin, Germany, 6-7 October 2015 2015 / p. 123-125 : ill

**Analysis of fires in buildings in Estonia**

Jalas, Raido; Just, Alar Bio-based Building Products and Fire Safe Design of Buildings - Recent Developments : book of abstracts 2015 / p. 105-106 : ill <https://ethz.ch/content/dam/ethz/special-interest/baug/ibk/costfp1404-dam/documents/N076-05-Book-of-abstracts-meeting-in-BCN.pdf>

**Analysis of machine production processes by risk assessment approach**

Mahmood, Kashif; Ševtšenko, Eduard Journal of machine engineering 2015 / p. 112-124 : ill

**Analysis of natural background and dredging-induced changes in TSM concentration from MERIS images near commercial harbours in the Estonian coastal sea**

Siitam, Laura; Sipelgas, Liis; Uiboupin, Rivo Sentinel-3 for Science Workshop: Abstract Book 2015  
[http://seom.esa.int/S3forScience2015/page\\_session28.php](http://seom.esa.int/S3forScience2015/page_session28.php)

**Analysis of natural background and dredging-induced changes in TSM concentration from MERIS images near commercial harbours in the Estonian coastal sea**

Siitam, Laura; Siitam, Laura vt ka Raag, Laura; Raag, Laura vt ka Siitam, Laura; Uiboupin, Rivo; Sipelgas, Liis 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 126 [http://www.bssc2015.lv/wp-content/uploads/2015/07/10th\\_BSSC\\_AbstractBook\\_final.pdf](http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf)

**Analysis of on-site construction processes for effective external thermal insulation composite system (ETICS) installation**

Sulakatko, Virgo; Lill, Irene; Liisma, Eneli Procedia economics and finance 2015 / p. 297-305 : ill

**Analysis of optical properties and structure of GaTe - CdTe nanocomposite**

Caraman, Iuliana; Untila, Dumitru; Evtodiev, Igor; Canter, Valeriu; Spalatu, Nicolae; Rusu, Dragos; Luchian, Efimia; Rotaru, Irina Chalcogenide letters 2015 / p. 683-692 : ill [https://chalcogen.ro/683\\_Caraman.pdf](https://chalcogen.ro/683_Caraman.pdf) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Analysis of polyprotein P2a C-terminal part of cocksfoot mottle sobemovirus [Online resource]**

Uffert, Gabriela; Sõmera, Merike; Truve, Erkki Environmental adaptation : from molecules to the planet : the Estonian Centre of Excellence in Environmental Adaptation ENVIRON. Final conference : October 1-3, 2015, Dorpat Conference Centre, Tartu, Estonia : abstract book 2015 / p. 61 [http://environ.emu.ee/userfiles/environ/Abstract\\_Book\\_ENVIRON%20final%20conference%202015.pdf](http://environ.emu.ee/userfiles/environ/Abstract_Book_ENVIRON%20final%20conference%202015.pdf)

**Analysis of sediment transport pattern along the coastal line of the Russian part of the Curonian spit**

Kovaleva, Olga; Chubarenko, Boris; Ryabchuk, Daria 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 92 [http://www.bssc2015.lv/wp-content/uploads/2015/07/10th\\_BSSC\\_AbstractBook\\_final.pdf](http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf)

**Analysis of ship wake transformation in the coastal zone using time-frequency methods**

Torsvik, Tomas; Herrmann, Heiko; Didenkulova, Irina; Rodin, Artem Proceedings of the Estonian Academy of Sciences 2015 / p. 379-388 : ill [https://artiklid.elnet.ee/record=b2740572\\*est](https://artiklid.elnet.ee/record=b2740572*est) <https://doi.org/10.3176/proc.2015.3S.08> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Analysis of sulfur mustard hydrolysis and oxidation products in seawater and sediments by capillary electrophoresis**

Lees, Heidi; Jõul, Piia; Vaher, Merike; Kuhtinskaja, Maria; Kaljurand, Mihkel Science for the Environment 2015 : Aarhus, Denmark, 1-2 October : [abstracts] 2015 / [1] p <http://dce-conference.au.dk/abstracts/>

### **Analysis of thiodiglycol and its oxidation products in sediments by capillary electrophoresis**

Lees, Heidi; Vaher, Merike; Kaljurand, Mihkel ITP2015/NoSSS2015 : final program and book of abstracts 2015 / p. P-55

### **Analytical model for magnetic anisotropy of non-oriented steel sheets**

Martin, Florian; Singh, Deepak; Belahcen, Anouar; Rasilo, Paavo; Haavisto, Ari; Arkio, Antero COMPEL : the international journal for computation and mathematics in electrical and electronic engineering 2015 / p. 1475-1488 : ill <http://dx.doi.org/10.1108/COMPEL-02-2015-0076>

### **Andrus Hiiepuu : koor on parem kui klubi**

Hiiepuu, Andrus Director 2015 / lk. 53-55 : fot

### **Andrus Salupere : uuendused on teretulnud, kui neil on positiivne mõju ja nendest ei tehta kultust**

Salupere, Andrus Inseneeria 2015 / lk. 29-31 : portr [https://artiklid.elnet.ee/record=b2723087\\*est](https://artiklid.elnet.ee/record=b2723087*est)

### **Anisotropic and strain-dependent model of magnetostriction in electrical steel sheets**

Belahcen, Anouar; Singh, Deepak; Rasilo, Paavo; Martin, Florian; Ghalamestani, Setareh Gorji; Vandeveld, Lieven IEEE transactions on magnetics 2015 / p. 200-204 : ill <https://doi.org/10.1109/TMAG.2014.2361681> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Anniversaries : Hillar Aben 85**

Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2014 2015 / p. 66-67 : portr

### **Anniversaries : Jüri Engelbrecht 75**

Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2014 2015 / p. 80-81 : portr

### **Anniversaries : Mihkel Veiderma 85**

Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2014 2015 / p. 74-75 : portr

### **Anniversaries : Ülo Jaaksoo 75**

Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2014 2015 / p. 82-83 : portr

### **Anorgaaniliste materjalide teaduslaboratoorium 2002-2014 : bibliograafia = Laboratory of inorganic materials 2002-2014 : bibliography**

2015 [https://www.ester.ee/record=b4480425\\*est](https://www.ester.ee/record=b4480425*est)

### **Antecedents of online word-of-mouth and memorable experience concept**

Riivits-Arkonsuo, Iivi; Leppiman, Anu International journal of business and social research 2015 / p. 1-14 : ill

### **Ants Kukrus : publikatsioonid = Ants Kukrus : publications**

2015 [https://www.ester.ee/record=b4509776\\*est](https://www.ester.ee/record=b4509776*est)

### **Applicability of the FB reactor of aspen plus for CFB oxy-fuel combustion of Estonian oil shale : gas and solid hydrodynamics**

Yörük, Can Rüstü; Normann, F.; Filip, J.; Triikkel, Andres; Kuusik, Rein, keemik Proceedings of the 22nd International Conference on Fluidized Bed Conversion : Turku, Finland, June 14-17, 2015. Vol. 1 2015 / p. 150-159

### **Application of artificial neural networks to model the interaction between T-cells and B-cells and their equivalent impedance of the linearized model**

Giannoukos, Georgios; Min, Mart Journal of computational methods in sciences and engineering 2015 / p. 295-302 <https://doi.org/10.3233/JCM-150544> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Application of bulk property based correlations to phenolic moieties rich oil**

Oja, Vahur; Baird, Zachariah Steven; Järvi, Oliver 28th European Symposium on Applied Thermodynamics ESAT 2015 : June 11-14, 2015, Athens, Greece : book of abstracts 2015 / p. 140

### **Application of different techniques for activation of H<sub>2</sub>O<sub>2</sub>/Fe<sup>3+</sup> system : a comparative study**

Bolobajev, Juri; Trapido, Marina; Dulova, Niina Journal of advanced oxidation technologies 2015 / p. 347-352 : ill <https://doi.org/10.1515/jaots-2015-0222> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Application of DSC to study the promoting effect of a small amount of high donor number solvent on the solvent swelling of kerogen with non-covalent cross-links in non-polar solvents**

Hruljova, Jelena; Oja, Vahur Fuel 2015 / p. 230-235 : ill <https://doi.org/10.1016/j.fuel.2015.01.054> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Application of hysteresis voltage control for three-level neutral point clamped voltage source inverter**

**Kolmakov, Nikolay**; Bakhovtsev, Igor A.; **Jalakas, Tanel** 2015 56th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2015 / p. 195-198 : ill

**Application of memristor in simulation of friction processes**

**Nuzhdin, Kirill**; Musalimov, Victor; **Sivitski, Alina** Proceedings of the 10th International Conference of DAAAM Baltic Industrial Engineering, 12-13th May 2015, Tallinn, Estonia 2015 / p. 162-167 : ill

**Application of modulation spectroscopy methods in photovoltaic materials research = Modulatsioonspektroskoopia meetodite rakendamine päikeseenergeetika materjalide uurimiseks**

**Raadik, Taavi** 2015 <https://digi.lib.ttu.ee/il/?2521> [https://www.ester.ee/record=b4482452\\*est](https://www.ester.ee/record=b4482452*est)

**Application of octaethylporphyrin structural motif for supramolecular chirogenesis**

**Borovkov, Victor** 227th ECS Meeting : May 24-28, 2015, Chicago, Illinois, USA : [abstracts] 2015 / p. 946

<https://ecs.confex.com/ecs/227/webprogram/Paper49194.html>

**Application of orthogonality-relation for the separation of Lamb modes at a plate edge : numerical and experimental predictions**

**Ratassepp, Madis**; **Klauson, Aleksander**; Chati, Farid Ultrasonics 2015 / p. 90-95 : ill <https://doi.org/10.1016/j.ultras.2014.10.022>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Application of the concept of fractal for the assessment of intense-deformed condition of an object**

Derkach, E.; **Tšistokletov, Aleksandr**; Matsveyenka, N.; **Baraškova, Tatjana** Системи обробки інформації 2015 / p. 43-46 : ill

**Application of undefined mixture correlations and FTIR-PLS method to predict thermodynamic properties of hydroxyl group rich Kukersite oil shale derived "synthetic oils"**

**Baird, Zachariah Steven**; **Järvik, Oliver**; **Oja, Vahur** X Iberoamerican Conference on Phase Equilibria and Fluid Properties for Process Design : June 28-July 1, 2015, Alicante (Spain) : book of abstracts 2015 / [2] p

**Approximate numerical solutions to inverse problems for preventive protection of marine environment**

**Soomere, Tarmo** 28th Nordic Seminar on Computational Mechanics, 22-23 October, Tallinn, 2015 : proceedings of the NSCM28 2015 / p. 25-28

**Aqueous photocatalytic degradation of selected micropollutants by Pd-modified titanium dioxide**

**Klauson, Deniss**; **Šakarašvili, Marko**; **Pronina, Natalja**; **Kritševskaja, Marina**; **Kärber, Erki**; **Mikli, Valdek** European Conference on Environmental Applications of Advanced Oxidation Processes : 21-24 October 2015, Athens, Greece : conference program and book of abstracts 2015 / p. 126 : ill

**Aqueous photocatalytic degradation of selected micropollutants by Pd-modified titanium dioxide**

**Klauson, Deniss**; **Šakarašvili, Marko**; **Pronina, Natalja**; **Kritševskaja, Marina**; **Kärber, Erki**; **Mikli, Valdek** European Conference on Environmental Applications of Advanced Oxidation Processes : 21-24 October 2015, Athens, Greece : book of proceedings 2015 / [3] p. : ill

**Architectural design space exploration of an FPGA-based compressed sampling engine : application to wireless heart-rate monitoring**

El-Sayed, Mohammad; Koch, Peter; **Le Moullec, Yannick** 2015 Nordic Circuits and Systems Conference (NORCAS) : NORCHIP & International Symposium on System-on-Chip (SoC) : 1st IEEE NORCAS Conference : 26-28 October 2015, Oslo, Norway 2015 / [5] p. : ill <http://dx.doi.org/10.1109/NORCHIP.2015.7364369>

**Are graphs in annual reports of banks used for impression management purposes? [Electronic resource]**

**Laidroo, Laivi** 7th International conference "Economic challenges in enlarged Europe" : 14-16 June 2015, Tallinn, Estonia : [conference proceedings] 2015 / p. 1-35. [CD-ROM] [http://www.ester.ee/record=b3088567\\*est](http://www.ester.ee/record=b3088567*est)

**Arengud ja suundumused insenerihariduses**

**Kübarsepp, Jakob** Elektriala 2015 / lk. 5

**Arhitekt Roman Koolmar : Oru lossist Detroidi slummidesse : [näitus Eesti Arhitektuurimuuseumis 11.03.2015-12.04.2015] = Architect Roman Koolmar : from Oru Palace to the slums of Detroit : [exhibition at the Museum of Estonian Architecture 11.03.2015-12.04.2015]**

2015 [https://www.ester.ee/record=b4461132\\*est](https://www.ester.ee/record=b4461132*est)

**Arhitektuuriharidus ja ajalugu**

**Hallas-Murula, Karin** Sirp 2015 / lk. 23-25 : fot <https://www.sirp.ee/s1-artiklid/arhitektuur/arhitektuuriharidus-ja-ajalugu/>

**Arkipäivät - perheleiripalvelun yhteisölliset ulottuvuudet**

**Leppiman, Anu** Sosiaalityön yhteisöllisyyttä etsimässä 2015 / s. 247-261

## **Arterial stiffness assessment for early diagnosis of atherosclerosis**

**Pikta, Marika; Viigimaa, Margus; Pilt, Kristjan; Kõõts, Kristina; Meigas, Kalju** Cardiology 2015 / p. 32

<https://www.karger.com/Article/Abstract/431110>

## **Arvamusi akadeemikutelt [oluliste teadusprobleemide kohta]**

**Engelbrecht, Jüri; Kaljo, Dimitri; Krumm, Lembit** Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2014 2015 / lk. 279-290

## **Arvi Hamburgi värvikad mälestused : [kooliajast Tallinna Polütehnikumis 1964-1968]**

**Hamburg, Arvi** Tallinna Polütehnikum : 100 aastat tehnikaharidust 2015 / lk. 46-49 : portr [https://www.ester.ee/record=b4496718\\*est](https://www.ester.ee/record=b4496718*est)

## **Arvud ei klapi : valimissüsteemis levinud vastutamatus paneb kahtluse alla kogu hääletuse**

**Rajangu, Väino** Pealinn 2015 / lk. 4-5 [https://artiklid.elnet.ee/record=b2716194\\*est](https://artiklid.elnet.ee/record=b2716194*est)

## **Asfaltsegud [Võrguteavik] : katsemeetodid. Osa 2, Terastikulise koostise määramine = Bituminous mixtures : test methods. Part 2, Determination of particle size distribution**

2015 [http://www.ester.ee/record=b4493555\\*est](http://www.ester.ee/record=b4493555*est)

## **Aspirations**

Stepanenko, Dmitrii Studiosus 2015 / lk. 30 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

## **Assessing sediment transport and dissolved oxygen conditions in the western part of the Gulf of Finland**

**Buschmann, Fred; Laanemets, Jaan;** Suursaar, Ülo 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 240 [http://www.bssc2015.lv/wp-content/uploads/2015/07/10th\\_BSSC\\_AbstractBook\\_final.pdf](http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf)

## **Assessing the role of international relations in cybersecurity : a preliminary analysis**

**Rincon Mendez, Angelica Marina** CeDEM 15 : Proceedings of the International Conference for E-Democracy and Open Government 2015 : 20-22 May 2015, Danube University Krems, Austria 2015 / p. 401-404 [http://www.donau-uni.ac.at/imperia/md/content/departement/gpa/zeg/bilder/cedem/cedem15/cedem15\\_oa\\_proceedings.pdf](http://www.donau-uni.ac.at/imperia/md/content/departement/gpa/zeg/bilder/cedem/cedem15/cedem15_oa_proceedings.pdf)

## **Assessment of the reliability of hardfacings for soil rippers**

Jankauskas, Vytenis; Katinas, Egidijus; Varnauskas, Valentinas; Katinas, A.; **Antonov, Maksim** Journal of friction and wear 2015 / p. 89-95 : ill <https://doi.org/10.3103/S106836661501016X> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Assignment of configuration of chiral cyclic compounds by modelled spin-spin couplings and vibrational circular dichroism spectra**

**Aav, Riina; Suun, Silver; Tamp, Sven; Ausmees, Kerti; Kriis, Kadri; Metsala, Andrus; Peterson, Anna; Öeren, Mario** 2nd Polish-Taiwanese Conference : From Molecular Modeling to Nano- and Biotechnology : 26-28 August 2015, Opole, Poland 2015 / [1] p. : ill

## **Asutused on ülikoolidega liitmisele pigem vastu**

Tammeorg, Teele Eesti Päevaleht 2015 / lk. 3 [https://artiklid.elnet.ee/record=b2737114\\*est](https://artiklid.elnet.ee/record=b2737114*est)

## **Asymmetric organocatalytic aza-Michael reactions of isatin derivatives**

**Žari, Sergei; Metsala, Andrus; Kudrjašova, Marina; Kaabel, Sandra; Järving, Ivar; Kanger, Tõnis** Synthesis 2015 / p. 875-886 : ill <https://doi.org/10.1055/s-0034-1379956> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Asymmetrical quasi-Z-source half-bridge DC-DC converters**

**Vinnikov, Dmitri; Chub, Andrii; Liivik, Liisa** 2015 9th International Conference on Compatibility and Power Electronics (CPE) : proceedings : Faculty of Science and Technology (FCT), Caparica, Lisbon, Portugal, 24-26 June, 2015 2015 / p. 369-372 : ill <http://dx.doi.org/10.1109/CPE.2015.7231103>

## **Atmosfäär**

**Mars, Mario** Minu Maailm 2015 / lk. 20-21 : fot [http://www.ester.ee/record=b3033179\\*est](http://www.ester.ee/record=b3033179*est)

## **Atmosfääri ehitus**

**Mars, Mario** Minu Maailm 2015 / lk. 20-21 : ill [http://www.ester.ee/record=b3033179\\*est](http://www.ester.ee/record=b3033179*est)

## **At-speed testing and test quality evaluation for high-performance pipelined systems Töökiirusel testimine ja testi kvaliteedi hindamine kõrgjõudlus-konveierarhitektuuriga süsteemidele**

**Gorev, Maksim** 2015 <https://digi.lib.ttu.ee/i/?3953>

## **At-speed testing of inter-die connections of 3D-SICs in the presence of shore logic**

**Shibin, Konstantin; Chickermane, Vivek; Keller, Brion; Papameletis, Christos; Marinissen, Erik Jan** 2015 Asian Test Symposium :

ATS 2015 : 22-25 November 2015, Mumbai, Maharashtra, India : proceedings 2015 / p. 79-84 : ill <https://doi.org/10.1109/ATS.2015.21>  
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Ausalt Erasmusest : hedonism või enesearendamine?**

Rosin, Krismar Studioosus 2015 / lk. 16-17 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

**Austatud doktorid = Dear Doctors**

Aaviksoo, Jaak Doktorid 2015 / Tallinna Tehnikaülikool 2015 / lk. 1-2 [https://www.ester.ee/record=b4535112\\*est](https://www.ester.ee/record=b4535112*est)

**Austatud lugejad! : [juhtkirj]**

Leiger, Roomet Paat & Meremees 2015 / lk. 73

**Austria, Finlandia y Suecia se convierten en miembros de la Comunidad. El caso noruego y el caso suizo**

Ramiro Troitino, David; Kerikmäe, Tanel; Chochia, Archil Pasado, presente y futuro de la Unión Europea 2015 / p. 75-83

**Automated minimization of concurrent online checkers for network-on-chips**

Saltarelli, Pietro; Niazmand, Behrad; Hariharan, Ranganathan; Raik, Jaan; Jervan, Gert; Hollstein, Thomas 10th International Symposium on Reconfigurable and Communication-centric Systems-on-Chip (ReCoSoC 2015) : Bremen, 29 June - 1 July 2015 2015 / [8] p. : ill <http://dx.doi.org/10.1109/ReCoSoC.2015.7238079>

**Automotive waste heat harvesting for electricity generation using thermoelectric systems - an overview**

Kütt, Lauri; Lehtonen, Matti 2015 IEEE 5th International Conference on Power Engineering, Energy and Electrical Drives (POWERENG) : proceedings : May 11-13, 2015, Riga, Latvia 2015 / p. 55-62 : ill

**Avalike elektrivõrkude pingete tunnussuured = Voltage characteristics of electricity supplied by public electricity networks [Võrguteavik]**

2015 [http://www.ester.ee/record=b4512339\\*est](http://www.ester.ee/record=b4512339*est)

**Avalikud akadeemilised loengud : [R. J. Ubari ja M. Karelsoni loengud]**

Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2014 2015 / lk. 43 : portr

**Avanti, HammerHead!**

Luczkowski, Teodor Tehnikamaailm 2015 / lk. 86-87 : fot [https://artiklid.elnet.ee/record=b2726101\\*est](https://artiklid.elnet.ee/record=b2726101*est)

**AVR mikrokontrollerid ja praktiline robotika**

Sell, Raivo; Leini, Mikk; Ellermaa, Rain 2015 [https://www.ester.ee/record=b4458438\\*est](https://www.ester.ee/record=b4458438*est)

**Back-calculation of elastic moduli of a ply from the moduli of cross-ply laminates**

Lasn, Kaspar; Klauson, Aleksander; Echtermeyer, Andreas T. Mechanics of composite materials 2015 / p. 55-68 : ill <https://doi.org/10.1007/s11029-015-9476-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Bacterial polysaccharide levan as stabilizing, non-toxic and functional coating material for microelement-nanoparticles**

Bondarenko, Olesja; Ivask, Angela; Kahru, Anne; Titma, Tiina; Pudova, Ksenia; Adamberg, Signe Carbohydrate polymers 2015 / p. 710-720 : ill <https://doi.org/10.1016/j.carbpol.2015.09.093> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Baltic Heritage Network Conference in Riga 2015 : [konverentsist võttis osa ka TTÜ Raamatukogu bibliograaf Milvi Vahtra]**

Simmul, Reet Meie Kodu : [Austraalia ajaleht] 2015 / lk. 8-9 : fot [https://artiklid.elnet.ee/record=b2737603\\*est](https://artiklid.elnet.ee/record=b2737603*est)

**Baltic household outlook : May 2015 [Online resource]**

Rudzitis, Edmunds; Varanauskiene, Julita; Messimas, Triin; Kukkk, Merike 2015 [http://www.seb.lv/sites/default/files/web/files/webstorage/Analitiska-Info/Makroekonomika/en/Baltic-Household-Outlook\\_2015-05\\_en.pdf](http://www.seb.lv/sites/default/files/web/files/webstorage/Analitiska-Info/Makroekonomika/en/Baltic-Household-Outlook_2015-05_en.pdf)

**Baltic household outlook : October 2015 [Online resource]**

Rudzitis, Edmunds; Varanauskiene, Julita; Nestor, Mihkel; Kukkk, Merike 2015 [http://www.seb.lv/sites/default/files/web/files/webstorage/Analitiska-Info/Makroekonomika/en/Baltic-Household-Outlook\\_2015-10\\_en\\_final.pdf](http://www.seb.lv/sites/default/files/web/files/webstorage/Analitiska-Info/Makroekonomika/en/Baltic-Household-Outlook_2015-10_en_final.pdf)

**Baltic journal of European studies. Vol. 5, No. 1(18)**

2015 [http://www.ester.ee/record=b2675037\\*est](http://www.ester.ee/record=b2675037*est)

**Baltic journal of European studies. Vol. 5, No. 2(19)**

2015 [http://www.ester.ee/record=b2675037\\*est](http://www.ester.ee/record=b2675037*est)

**BASTION - board and SoC test instrumentation for Ageing and No Failure Found**

**Devadze, Sergei** MEDIAN Finale : Workshop on Manufacturable and Dependable Multicore Architectures at Nanoscale : November 10-11, 2015, Tallinn, Estonia 2015 / p. 77

**A bayesian spatiotemporal model for reconstructing climate from multiple pollen records**

Holmström, Lasse; Ilvonen, Liisa; Seppä, Heikki; **Veski, Siim** Annals of Applied Statistics 2015 / p. 1194 - 1225

<https://doi.org/10.1214/15-AOAS832> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Before I was an international student, I wasn't.**

Lagrone, Crystal Studioosus 2015 / lk. 25 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

**Being a local tourist**

Malidze, Mariam Studioosus 2015 / lk. 22 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

**Beitrag zu detaillierten Analysen der Hydraulik von Schlitzpässen**

Musall, Mark; Oberle, Peter; Carbonell Baeza, Ruth; **Fuentes-Pérez, Juan Francisco**; **Tuhtan, Jeffrey Andrew**; Nestmann, Franz Wasserwirtschaft 2015 / s. 67-72 <https://doi.org/10.1007/s35147-015-0551-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Benefit from lipoprotein apheresis in severe case of coronary heart disease patient with high level of lipoprotein (a)**

**Zemtsovski, Mihail**; **Zemtsovskaja, Galina**; **Pikta, Marika**; **Luman, Merike**; **Viigimaa, Margus** Cardiology 2015 / p. 35-36

<https://www.karger.com/Article/Abstract/431110>

**BEST-Estonia ja TTÜ mereakadeemia suvekursus**

Kuusemets, Kristel Mente et Manu 2015 / lk. 22 [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

**Betoonühingu üliõpilastööde võistlus ootab osalejaid**

EhitusEST 2015 / lk. 50

**Betoonkonstruktsioonide arvutamine : õpik kõrgkoolidele**

**Otsmaa, Vello** 2015 [https://www.ester.ee/record=b4463873\\*est](https://www.ester.ee/record=b4463873*est)

**Between "imagined" and "real" nation-building : identities and nationhood in post-Soviet Central Asia**

Isaacs, Rico; **Polese, Abel** Nationalities papers 2015 / p. 371-382 <http://dx.doi.org/10.1080/00905992.2015.1029044>

**Bibliograafia : [Ants Kukrus]**

Ants Kukrus : publikatsioonid = Ants Kukrus : publications 2015 / lk. 27-56

**A bio-chemostratigraphical test of the synchronicity of biozones in the upper Silurian of Estonia and Latvia with some implications for practical stratigraphy**

**Kaljo, Dimitri**; Einasto, Rein; **Martma, Tõnu**; **Märss, Tiit**; **Nestor, Viit-Kai**; **Viira, Viive** Estonian journal of earth sciences 2015 / p. 267-283 : ill [https://artiklid.elnet.ee/record=b2750825\\*est](https://artiklid.elnet.ee/record=b2750825*est) <https://doi.org/10.3176/earth.2015.33> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [article at WOS](#)

**Biodegradation of ionic liquids - a critical review**

Jordan, Andrew; **Gathergood, Nicholas** Chemical Society reviews 2015 / p. 8200-8237 : ill <https://doi.org/10.1039/c5cs00444f> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Bioerosion of inorganic hard substrates in the Ordovician of Estonia (Baltica)**

Vinn, Olev; Wilson, Mark; **Toom, Ursula** PLoS ONE 2015 / art. e0134279, p. 1-17 : ill <https://doi.org/10.1371/journal.pone.0134279> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A bio-impedance signal simulator (BISS) for research and training purposes**

**Muhammad, Yar**; **Le Moullec, Yannick**; **Annus, Paul**; **Krivošei, Andrei** 2015 26th Irish Signals and Systems Conference (ISSC) : Institute of Technology Carlow, Ireland, June 24-25, 2015 2015 / [4] p. : ill <https://doi.org/10.1109/ISSC.2015.7163746>

**Bioloogiliselt raskesti lagunevate ainete kõrvaldamine reoveest füüsikalise-keemiliste ja bioloogiliste meetoditega vesikeskkonna saastekoormuse vähendamiseks (CHEMBIO)**

**Trapido, Marina**; Tenno, Taavo Keskkonnakaitse ja -tehnoloogia teadus- ja arendustegevuse programmi teaberaamat 2010-2015 2015 / lk. 66-70 : ill

**Biometaani tootmine ja kasutamine transpordikütusena**

Vohu, Villem; **Kask, Ülo** Eesti põlevloodusvarad ja -jäätmed 2015 = Estonian combustible natural resources and wastes 2015 2015 / lk. 15-21 : ill

**Biopsy needle including bioimpedance probe with optimized sensitivity distribution**

Halonen, Sanna; Kari, Juho; Ahonen, Petri; Elomaa, Timo; **Annus, Paul**; Kronström, Kai International journal of bioelectromagnetism 2015 / p. 26-30 : ill

**Biopsy needle including bioimpedance probe with optimized sensitivity distribution**

Mäki, Sanna; Kari, Juho; Ahonen, Petri; Elomaa, Timo; **Annus, Paul**; Kronström, Kai The 10th International Conference on Bioelectromagnetism : proceedings 2015 / [4] p. : ill

**Bio-recalcitrant pollutants removal from wastewater with combination of the Fenton treatment and biooxidation**

**Trapido, Marina**; Tenno, Taavo; **Goi, Anna**; **Dulova, Niina**; **Kattel, Eneliis**; Kivi, Arthur; **Klauson, Deniss**; Klein, Kati; **Viisimaa, Marika** European Conference on Environmental Applications of Advanced Oxidation Processes : 21-24 October 2015, Athens, Greece : book of proceedings 2015 / [3] p. : ill

**Bio-recalcitrant pollutants removal from wastewater with combination of the Fenton treatment and biooxidation**

**Trapido, Marina**; Tenno, Taavo; **Goi, Anna**; **Dulova, Niina**; **Kattel, Eneliis**; Kivi, Arthur; **Klauson, Deniss**; Klein, Kati; **Viisimaa, Marika** European Conference on Environmental Applications of Advanced Oxidation Processes : 21-24 October 2015, Athens, Greece : conference program and book of abstracts 2015 / p. 111 : ill

**Biotehnoloogia : laboratoorse töde juhend [Elektrooniline teavik]**

2015 <http://www.ttu.ee/matemaatika-loodusteaduskond/keemiainstituut/biotehnoloogia-oppetool/materjalid-5/biotehnoloogia-i-ykb-1130/laborimaterjalid-4/>

**Birget, J.C. Semigroups and one-way functions. Int. J. Algebra Comput. 25, No. 1-2, 3-36 (2015) : [review]**

**Henno, Jaak** Zentralblatt MATH 2015 / [1] p

**1-butyl-3-methylimidazolium chloride assisted coaxial electrospinning of styrene-acrylonitrile copolymer**

**Kirikal, Kristi**; **Gudkova, Viktoria**; **Krumme, Andres**; **Savest, Natalja**; **Viirsalu, Mihkel** Baltic Polymer Symposium 2015 : Sigulda, Latvia, September 16-18 : programme and proceedings 2015 / p. 148

**1-butyl-3-methylimidazolium chloride assisted electrospinning of SAN/MWCNTs conductive reinforced composite membranes**

**Gudkova, Viktoria**; **Krumme, Andres**; **Märtson, Triin**; **Rikko, M.**; **Tarasova, Elvira**; **Savest, Natalja**; **Viirsalu, Mihkel** Journal of electrostatics 2015 / p. 11-16 : ill <https://doi.org/10.1016/j.elstat.2015.09.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Board**

Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2014 2015 / p. 19-22

**Book review of "Lanthanide metal-organic frameworks"**

**Borovkov, Victor** Frontiers in chemistry 2015 / p. 1-2 : ill <http://dx.doi.org/10.3389/fchem.2015.00050>

**Boris Dubovik : tuleb lõpuni kaevata**

Dubovik, Boris EhitusEST 2015 / lk. 10-13 : fot [https://artiklid.elnet.ee/record=b2725893\\*est](https://artiklid.elnet.ee/record=b2725893*est)

**Bovine sperm plasma membrane proteomics through biotinylation and subcellular enrichment**

Kasvandik, Sergio; Sillaste, Gerly; **Velthut-Meikas, Agne**; Mikelsaar, Aavo-Valdur; Hallap, Triin; Padrik, Peeter; Tenson, Tanel; Jaakma, Ülle; Kõks, Sulev; Salumets, Andres Proteomics 2015 / p. 1906 - 1920 <https://doi.org/10.1002/pmic.201400297> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**B-plexins regulate the maturation of neurons through microtubule dynamics = B-pleksiinid mõjutavad mikrotorukeste liikumise kaudu närvirakkude küpsemist**

**Laht, Piret** 2015 <https://digi.lib.ttu.ee/i/?3427>

**Bridging the gap between technology and usability for portable brain trauma scanning device**

**Priidel, Eiko**; Mikola, Annika; **Gordon, Rauno**; **Martsepp, Maret**; **Kenkre, Pranay**; **Taros, Taavi**; **Pärenson, Taavet** International journal of bioelectromagnetism 2015 / p. 87-89 : ill

**Bridging the gap between technology and usability for portable brain trauma scanning device**

**Priidel, Eiko**; Mikola, Annika; **Gordon, Rauno**; **Martsepp, Maret**; **Kenkre, Pranay**; **Taros, Taavi**; **Pärenson, Taavet** The 10th International Conference on Bioelectromagnetism : proceedings 2015 / [2] p. : ill

**Building Estonia's security narrative in 1990s and afterwards**

**Mölder, Holger** 11th Conference on Baltic Studies in Europe "Traditions, Transitions, Transfers" : September 07-10, 2015, Marburg : conference program 2015 / p. 23

**Bullet dodger**

Stepanenko, Dmitrii Studioosus 2015 / lk. 24-25 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

**Business archetypes and archetype patterns from the HL7 RIM and openEHR RM perspectives : towards interoperability and evolution of healthcare models and software systems**

Piho, Gunnar; Tepandi, Jaak; Thompson, Douglas; Woerner, Andreas; Parman, Marko *Procedia computer science* 2015 / p. 553-560 : ill <https://doi.org/10.1016/j.procs.2015.08.384> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Business development models for regional airports - case studies from the Baltic Sea region**

Beifert, Anatoli *Journal of security and sustainability issues* 2015 / p. 199-212 : tab <https://journals.lka.lt/journal/jssi/article/1520/info>  
[Journal metrics at Scopus](#) [Article at Scopus](#)

**Büroomöbel [Võrguteavik] : büroo töötool. Osa 3, Katsemeetodid = Office furniture : office work chair. Part 3, Test methods**  
2015

**Cable diagnostics methods for determining degradation caused by renewable energy production**

Kiitam, Ivar; Taklaja, Paul; Niitsoo, Jaan; Hyvonen, Petri 2015 IEEE 5th International Conference on Power Engineering, Energy and Electrical Drives (POWERENG) : proceedings : May 11-13, 2015, Riga, Latvia 2015 / p. 220-224 : ill

**CaCl<sub>2</sub>, bisoxazoline, and malonate : a protocol for an asymmetric Michael reaction**

Lippur, Kristin; Kaabel, Sandra; Järving, Ivar; Rissanen, Kari; Kanger, Tõnis *Journal of organic chemistry* 2015 / p. 6336-6341 : ill <https://doi.org/10.1021/acs.joc.5b00769> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Calculation of plate plane motion parameters using inertial measurement system**

Žigailov, Sergei; Verchenko, Anton; Musalimov, Victor; Arjassov, Gennadi *Proceedings of the 10th International Conference of DAAAM Baltic Industrial Engineering, 12-13th May 2015, Tallinn, Estonia* 2015 / p. 192-198 : ill

**Can removal of middle molecular uremic retention solutes be estimated by UV-absorbance measurements in spent dialysate?**

Lauri, Kai; Luman, Merike; Holmar, Jana; Tomson, Ruth; Kalle, Sigrid; Arund, Jürgen; Uhlin, Nils Fredrik Arne; Fridolin, Ivo *World Congress on Medical Physics and Biomedical Engineering, June 7-12, 2015, Toronto, Canada* 2015 / p. 1297 - 1300  
[https://doi.org/10.1007/978-3-319-19387-8\\_315](https://doi.org/10.1007/978-3-319-19387-8_315) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**CAP waveform estimation from the measured electrical bioimpedance values : patient's heart rate variability analysis**

Krivošei, Andrei; Uuetoa, Hasso; Min, Mart; Annus, Paul; Uuetoa, Tiina; Lamp, Jürgen *Conference proceedings : 37th Annual International Conference of the IEEE Engineering in Medicine and Biology Society : Milan, Italy, August 25-29 2015* 2015 / p. 2788-2791 : ill <https://doi.org/10.1109/EMBC.2015.7318970> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Capillary electrophoresis method for determining biomass degradation products and monitoring glucose conversion to 5-hydroxymethylfurfural in ionic liquids**

Aid, Tiina; Lopp, Margus; Vaher, Merike *ITP2015/NoSSS2015 : final program and book of abstracts* 2015 / p. P-23

**Carbon isotope chemostratigraphy and conodonts of the Middle-Upper Ordovician succession in the Tungus Basin, Siberian Craton**

Ainsaar, Leho; Männik, Peep; Dronov, Andrei V.; Izokh, Olga P.; Meidla, Tõnu; Tinn, Oive *Palaeoworld* 2015 / p. 123-135 : ill  
<https://doi.org/10.1016/j.palwor.2015.03.002> [Journal metrics at Scopus](#) [Article at WOS](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Carrier based modulation with capacitor balancing for three-level neutral-point-clamped qZS inverter**

Romero-Cadaval, Enrique; Roncero-Clemente, Carlos; Husev, Oleksandr; Vinnikov, Dmitri 2015 9th International Conference on Compatibility and Power Electronics (CPE) : proceedings : Faculty of Science and Technology (FCT), Caparica, Lisbon, Portugal, 24-26 June, 2015 2015 / p. 57-62 : ill <http://dx.doi.org/10.1109/CPE.2015.7231049>

**Case study of ECD model accuracy in estimating the cell output voltage and power dissipation**

Rahmoun, Ahmad; Biechl, Helmuth; Rosin, Argo *Doctoral School of Energy and Geotechnology II : closing conference of the project : Pärnu, Estonia, January 12-17, 2015* 2015 / p. 45-48 : ill

**Case study on design management : inefficiencies and possible remedies**

Pikas, Ergo; Koskela, Lauri; Dave, Bhargav; Liias, Roode *Global Knowledge - Global Solutions : 23rd Annual Conference of the International Group for Lean Construction : Perth, Australia, July 29-31, 2015 : proceedings of IGLC23* 2015 / p. 547-557 : ill

**Cash flow statement : view from Estonian accountants**

Alver, Lehte; Alver, Jaan 5th Annual Conference African Accounting and Finance Association : 1st to 4th September, 2015, The Westin Turtle Bay Resort & Spa : book of abstracts 2015 / p. 97-98  
[http://sites.uom.ac.mu/AAFA2015/images/AAFA\\_2015\\_Revised\\_Book\\_of\\_abstracts\\_Final\\_15.09.2015.pdf](http://sites.uom.ac.mu/AAFA2015/images/AAFA_2015_Revised_Book_of_abstracts_Final_15.09.2015.pdf)

**A catalase-related hemoprotein in coral is specialized for synthesis of short-chain aldehydes : discovery of P450-type hydroperoxide lyase activity in a catalase**

**Teder, Tarvi; Löhela, Helike;** Boeglin, William E.; Calcutt, Wade M.; Brash, Alan R.; **Samel, Nigulas** Journal of biological chemistry 2015 / p. 19823-19832 : ill <https://doi.org/10.1074/jbc.M115.660282> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Catalogue of CRISMA applications, framework building block specifications and software implementations [Electronic resource]**

Havlik, Denis; Dihe, Pascal; **Rannat, Kalev** 2015 <https://crisma-cat.ait.ac.at/print/book/export/html/109>

**Cationic substitution effects in sol-gel derived Ca-phosphate bioceramics materials**

**Bogdanoviciene, Irma;** Ezerskyte-Miseviciene, Akvile; **Traksmas, Rainer; Tõnsuaadu, Kaia;** Kareiva, Aivaras Chemistry and Chemical Technology 2015 : International Conference of Lithuanian Chemical Society : dedicated to Professor Vitas Daukšas on his 80th birth anniversary : Vilnius, Lithuania, January 23, 2015 : programme and proceedings of the international conference 2015 / p. 66-69 : ill

**The CB<sub>1</sub> cannabinoid receptor signals striatal neuroprotection via a PI3K/Akt/mTORC1/BDNF pathway**

Blazquez, C.; Chiarlone, A.; **Pruunsild, Priit; Timmusk, Tõnis** Cell death and differentiation 2015 / p. 1618-1629 : ill <https://doi.org/10.1038/cdd.2015.11> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**CEBE tippkeskuses sünnib tervis ruudus**

Aru, Erik Mente et Manu 2015 / lk. 10-11 : fot [https://artiklid.elnet.ee/record=b2749535\\*est](https://artiklid.elnet.ee/record=b2749535*est)

**Centre for Nonlinear Studies : 2011-2015 highlights**

2015 <http://www.digar.ee/id/nlib-digar:276905> [https://www.ester.ee/record=b4527339\\*est](https://www.ester.ee/record=b4527339*est)

**Centre of government in the policy process [Online resource]**

Uudelepp, Annika; **Sarapuu, Külli** Escaping the traps? 2015 / p. 244-249 : ill [http://www.ester.ee/record=b4568875\\*est](http://www.ester.ee/record=b4568875*est) [http://www.kogu.ee/wp-content/uploads/2013/01/FINAL\\_EIA\\_2015\\_ENG.pdf](http://www.kogu.ee/wp-content/uploads/2013/01/FINAL_EIA_2015_ENG.pdf)

**Certification of ICTs in elections**

Schürmann, Carsten; Barrat, Jordi; Bolo, Eden; Bravo, Alejandro; **Krimmer, Robert Johannes** 2015

**CFD modelling of the tubular air preheater in boiler firing oil shale**

**Nešumajev, Dmitri; Ots, Arvo** Advances in heat transfer : proceedings of the 7th Baltic Heat Transfer Conference : Tallinn, Estonia, August 24-26, 2015 2015 / p. 257-262 : ill

**Changes in blood B cell-activating factor (BAFF) levels in multiple sclerosis : a sign of treatment outcome**

Kannel, Karin; Alnek, Kristi; Vahter, Liina; **Gross-Paju, Katrin;** Uibo, Raivo; Kisand, Kalle V. PLoS ONE 2015 / art. e0143393 <https://doi.org/10.1371/journal.pone.0143393> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Changes in the heating load of domestic hot water and its impact on the design of the district heating network**

**Kõiv, Teet-Andrus; Kovšikov, Aleksandr** WSEAS transactions on environment and development 2015 / p. 108-115 : ill <https://www.wseas.org/multimedia/journals/environment/2015/a245715-268.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Characterisation of the aroma profiles of different honeys and corresponding flowers using solid-phase microextraction and gas chromatography-mass spectrometry/olfactometry**

**Seisonen, Sirli; Kivima, Evelin; Vene, Kristel** Food chemistry 2015 / p. 34-40 : ill <https://doi.org/10.1016/j.foodchem.2014.07.125> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Characteristic VCD signals of chiral hemicucurbiturils : (all-S)-cycHC[6], (all-R)-cycHC[8] and biotin[6]uril ester**

**Aav, Riina; Peterson, Anna; Prigorchenko, Elena; Öeren, Mario** 10th International Symposium on Macrocyclic and Supramolecular Chemistry : Strasbourg, France, June 28th - July 2nd 2015 2015 / p. PA-1

**Characterization of deep level traps in semiconductor structures using numerical experiments**

**Koel, Ants; Rang, Toomas; Rang, Galina** Materials characterization VII 2015 / p. 253-261 : ill

**Characterization of ice cover extent from MODIS imagery during different winter scenarios in the Gulf of Riga, Baltic Sea**

**Siitam, Laura; Uiboupin, Rivo; Sipelgas, Liis** 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 127 [http://www.bssc2015.lv/wp-content/uploads/2015/07/10th\\_BSSC\\_AbstractBook\\_final.pdf](http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf)

**Characterization of the nuclear matrix targeting sequence (NMTS) of the BPV1 E8/E2 protein - the shortest known NMTS**

Sankovski, Eve; Karro, Kristiina; **Sepp, Mari; Kurg, Reet;** Ustav, Mart; Abro, Aare Nucleus 2015 / p. 289-300 : ill <https://doi.org/10.1080/19491034.2015.1074359> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Characterization of TiC-FeCrMn cermets produced by powder metallurgy method**

**Kolnes, Märt; Kübarsepp, Jakob; Kollo, Lauri; Viljus, Mart** Medžiagotyra = Materials science 2015 / p. 353-357 : ill  
<https://doi.org/10.5755/j01.ms.21.3.7364> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Charles Sanders Peirce : logic** [Online resource]

**Bellucci, Francesco; Pietarinen, Ahti-Veikko** The Internet encyclopedia of philosophy 2015 <http://www.iep.utm.edu/peir-log/>

**Charring behaviour of cross laminated timber with respect to the fire protection, comparison of different methods**  
**Tiso, Mattia;** Schmid, Joachim; Fragiocomo, Massimo Proceedings of the 1st European Workshop Fire Safety of Green Buildings : Berlin, Germany, 6-7 October 2015 2015 / p. 58-61 : ill

**Charta základných práv Európskej únie v Českej republike - pol dekády aplikácie, otázok (a odpovedí)?**

**Hamulak, Ondrej** Charta základných práv Európskej únie v súdnej a inej právnej praxi: Prvé rozhodnutia, problémy, hodnotenia : 1. október 2015 2015 / p. 47-63

**Chemical bath deposition of SnS thin films from the solutions with different concentrations of tin and sulphur**

**Safonova, Maria; Mellikov, Enn; Mikli, Valdek; Kerm, Karin; Naidu, Revathi; Volobujeva, Olga** Inter Academia 2014 - Global Research and Education 2015 / p. 183-186 : ill <http://dx.doi.org/10.4028/www.scientific.net/AMR.1117.183>

**Chemical information IL course in long-time cooperation with faculty at Tallinn University of Technology**

**Koidla, Gerda; Pihlakas, Maie** European Conference on Information Literacy (ECIL) : October 19-22, 2015, Tallinn, Estonia : abstracts 2015 / p. 157

**Chemistry and materials science - high level learning via research and practical training**

**Meissner, Dieter; Mellikov, Enn; Öpik, Andres;** Burk, Peeter; Lust, Enn 6th Eurovariety in Chemistry Education 2015 : Chemistry Education for Responsible Citizenship and Employability : June, 30-July, 2, 2015, Tartu, Estonia 2015 / p. 43-45

**Cherubini, Alessandra; Rodaro, Emanuele. Decidability versus undecidability of the word problem in amalgams of inverse semigroups. Romeo, P.G. (ed.) et al., Semigroups, algebras and operator theory. Selected papers of the conference, ICSAOT-2014, Kochi, India, February 26-28, 2014. New Delhi: Springer. Springer Proceedings in Mathematics & Statistics 142, 1-25 (2015) : [review]**

**Henno, Jaak** Zentralblatt MATH 2015 / [1] p <https://zbmath.org/?t=s=0&r=xx&q=06504874>

**Chronos ja kronomeeter ehk kuidas merel õiget aega otsiti**

**Albri, Rein** Paat & Meremees 2015 / lk. 100-101 : ill [https://artiklid.elnet.ee/record=b2728350\\*est](https://artiklid.elnet.ee/record=b2728350*est)

**Cirque Du soleil**

Jefimov, Konstantin Studioosus 2015 / lk. 27 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

**Clarke, G.T.; Monzo, R.A.R. Null extensions of the bicyclic semigroup B are inflations of B. Semigroup Forum 89, No. 3, 582-599 (2014) : [review]**

**Henno, Jaak** Zentralblatt MATH 2015 / [1] p

**Classification of benthic biocenosis of the lowland river Tudovka (Tver Region, Russia) using community features**

Schletterer, Martin; Kuzovlev, Vyacheslav V.; Zhenikov, Yuri N.; Strokina, Nataliya; **Tuhtan, Jeffrey Andrew** International Geographical Union Regional Conference "Geography, Culture and Society for our Future Earth" : 17-21 August 2015, Moscow, Russia : book of abstracts 2015 / p. 1597

**Closed circuit video for organizational learning in emergency unit**

**Parv, Liisa;** Nøhr, Christian Driving quality in informatics : fulfilling the promise 2015 / p. 302-307 <https://doi.org/10.3233/978-1-61499-488-6-302> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**CMS drift tubes sector collector relocation phase 1 upgrade** [Electronic resource]

**Bedoya, C. F.; Jutman, Artur; Shibin, Konstantin; Devadze, Sergei** 2015 [http://cms.cern.ch/iCMS/jsp/openfile.jsp?type=DN&year=2015&files=DN2015\\_011.pdf](http://cms.cern.ch/iCMS/jsp/openfile.jsp?type=DN&year=2015&files=DN2015_011.pdf)

**Cobalt- and iron-containing nitrogen-doped carbon aerogels as non-precious metal catalysts for electrochemical reduction of oxygen**

**Sarapuu, Ave; Samolberg, Lars; Kreek, Kristiina; Koel, Mihkel;** Matisen, Leonard; Tammeveski, Kaido Journal of electroanalytical chemistry 2015 / p. 9-17 : ill <https://doi.org/10.1016/j.jelechem.2015.03.021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Cobalt-containing nitrogen-doped carbon aerogels as efficient electrocatalysts for the oxygen reduction reaction**

**Kreek, Kristiina;** Sarapuu, Ave; Samolberg, Lars; Joost, Urmas; **Mikli, Valdek; Koel, Mihkel;** Tammeveski, Kaido ChemElectroChem 2015 / p. 2079-2088 : ill <https://doi.org/10.1002/celec.201500275> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Cocksfoot mottle virus Px protein localises into the plasma membrane [Online resource]**

**Kamsol, Kristjan; Olsper, Allan; Truve, Erkki** Environmental adaptation : from molecules to the planet : the Estonian Centre of Excellence in Environmental Adaptation ENVIRON. Final conference : October 1-3, 2015, Dorpat Conference Centre, Tartu, Estonia : abstract book 2015 / p. 35 [http://environ.emu.ee/userfiles/environ/Abstract\\_Book\\_ENVIRON%20final%20conference%202015.pdf](http://environ.emu.ee/userfiles/environ/Abstract_Book_ENVIRON%20final%20conference%202015.pdf)

### **Co-creation and citizen involvement in social innovation : a comparative case study across 7 EU-countries [Online resource]**

**Voorberg, William; Tummers, Lars; Tõnurist, Piret; Kattel, Rainer; Lember, Veiko** 2015  
[http://lipse.org/userfiles/uploads/Research%20Report%20LIPSE%20WP%2020150128\\_final%20\(1\).pdf](http://lipse.org/userfiles/uploads/Research%20Report%20LIPSE%20WP%2020150128_final%20(1).pdf)

### **Code development of a DSP-FPGA based control platform for power electronics applications**

**Minambres-Marcos, Victor; Roasto, Indrek; Szczepankowski, P.; Romero-Cadaval, Enrique; Vinnikov, Dmitri; Barrero-Gonzalez, Fermin** 2015 IEEE International Conference on Industrial Technology (ICIT 2015) : Seville, Spain, 17-19 March 2015 2015 / p. 2890-2895 : ill <https://doi.org/10.1109/ICIT.2015.7125524> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Coin validation by electromagnetic, acoustic and visual features = Mündi valideerimine elektromagnetiliste, akustiliste ja visuaalsete tunnuste järgi**

**Gavrijaševa, Alina** 2015 <https://digi.lib.ttu.ee/i/?2408> [https://www.ester.ee/record=b4480613\\*est](https://www.ester.ee/record=b4480613*est)

### **Collaboration, distribution and culture - challenges for communication**

**Jaakkola, Hannu; Henno, Jaak; Thalheim, Bernhard; Mäkelä, Jukka** 2015 38th International Convention on Information and Communication Technology, Electronics and Microelectronics (MIPRO) : May 25-29, 2015, Opatija, Croatia : proceedings 2015 / p. 657-664 : ill <http://dx.doi.org/10.1109/MIPRO.2015.7160354>

### **Collaborative project management framework for partner network initiation**

**Ševtšenko, Eduard; Poljantšikov, Igor; Mahmood, Kashif; Kangilaski, Taivo; Norta, Alexander** Procedia engineering 2015 / p. 159-168 : ill <https://doi.org/10.1016/j.proeng.2015.01.354> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Collective institutional entrepreneurship in initiating public-sector shared service centers**

**Tammel, Kaide** Administrative culture = Halduskultuur = Административная культура = Verwaltungskultur = Hallintokulttuuri. Vol. 16, no. 2 2015 / p. 161-179 [https://artiklid.elnet.ee/record=b2762666\\*est](https://artiklid.elnet.ee/record=b2762666*est) <https://halduskultuur.eu/journal/index.php/HKAC/article/view/138> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Colorimetric determination of total phenolic contents in ionic liquid extracts by paper microzones and digital camera**

**Aid, Tiina; Kaljurand, Mihkel; Vaher, Merike** Analytical methods 2015 / p. 3193-3199 : ill <https://doi.org/10.1039/c5ay00194c> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Column experiment on activation aids and biosurfactant application to the persulphate treatment of chlorophene-contaminated soil**

**Bolobajev, Juri; Bilgin Öncü, Nalan; Viisimaa, Marika; Trapido, Marina; Balcioglu, Isil Akmeahmet; Goi, Anna** Environmental technology 2015 / p. 348-357 : ill <https://doi.org/10.1080/09593330.2014.948493> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Combinational fault simulation in sequential circuits**

**Ubar, Raimund-Johannes; Kõusaar, Jaak; Gorev, Maksim; Devadze, Sergei** 2015 IEEE International Symposium on Circuits and Systems : 24-27 May 2015, Lisboa, Portugal : [proceedings] 2015 / p. 2876-2879 : ill <https://doi.org/10.1109/ISCAS.2015.7169287> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Combined biological-chemical treatment of landfill leachate applying continuous sludge reuse in Fenton process**

**Klein, Kati; Kivi, Arthur; Trapido, Marina; Tenno, Taavo** European Conference on Environmental Applications of Advanced Oxidation Processes : 21-24 October 2015, Athens, Greece : conference program and book of abstracts 2015 / p. 191 : ill

### **Combined biological-chemical treatment of landfill leachate applying continuous sludge reuse in Fenton process**

**Klein, Kati; Kivi, Arthur; Trapido, Marina; Tenno, Taavo** European Conference on Environmental Applications of Advanced Oxidation Processes : 21-24 October 2015, Athens, Greece : book of proceedings 2015 / [3] p. : ill

### **Combined FE and particle swarm algorithm for optimization of high speed PM synchronous machine**

**Belahcen, Anouar; Martin, Florian; El Hadi Zaim, Mohammed; Dlala, Emad; Kolondzovski, Zlatko** COMPEL : the international journal for computation and mathematics in electrical and electronic engineering 2015 / p. 475-484 : ill <http://dx.doi.org/10.1108/COMPEL-07-2014-0168>

### **A combined method for error and complexity reduction in fuzzy rule-based classification**

**Riid, Andri; Preden, Jürjo-Sören** IEEE International Conference on Fuzzy Systems : August 2-5, 2015, Istanbul, Turkey 2015 / [6] p. : ill <https://doi.org/10.1109/FUZZ-IEEE.2015.7337806> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Combined methods for the treatment of a typical hardwood soaking basin wastewater from plywood industry**

**Klauson, Deniss;** Klein, Kati; Kivi, Arthur; **Kattel, Eneliis;** Viisimaa, Marika; Dulova, Niina; Velling, Siiri; **Trapido, Marina;** Tenno, Taavo International journal of environmental science and technology 2015 / p. 3575-3586 : ill <https://doi.org/10.1007/s13762-015-0777-2>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Combined processes for wastewater purification : treatment of a typical landfill leachate with a combination of chemical and biological oxidation processes**

**Klauson, Deniss;** Kivi, Arthur; **Kattel, Eneliis;** Klein, Kati; **Viisimaa, Marika;** Bolobajev, Juri; Velling, Siiri; **Goi, Anna;** Tenno, Taavo; **Trapido, Marina** Journal of chemical technology and biotechnology 2015 / p. 1527-1536 : ill <https://doi.org/10.1002/jctb.4484>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Combined sol-gel and carbothermal synthesis of ZrC-TiC powders for composites**

Umalas, Madis; **Hussainova, Irina;** Reedo, Valter; **Yung, Der-Liang** Materials chemistry and physics 2015 / p. 301-306 : ill <https://doi.org/10.1016/j.matchemphys.2015.01.017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Combining work and family life - a comparative perspective on changes in parental roles in Estonia, Finland and Sweden = Töö- ja pereelu ühitamise rollide muutustest lastevanematel Eesti, Soome ja Rootsi võrdluses**

**Pödder, Helbe** 2015 <https://digi.lib.ttu.ee/i/?2446> [https://www.ester.ee/record=b4477968\\*est](https://www.ester.ee/record=b4477968*est)

**Combustion tests of reed pellets**

**Link, Siim;** **Kask, Ülo;** Krail, J.; Plank, H. 23rd European Biomass Conference and Exhibition 2015 / p. 697-701  
<http://dx.doi.org/10.5071/23rdEUBCE2015-2BV.2.17>

**Committee on Marine Sciences**

**Soomere, Tarmo** Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2014 2015 / p. 35-37

**A common molecular mechanism of vascular wall injury in atherosclerosis and diabetes**

Tikhaze, Alla K.; Lankin, Vadim Z.; Konovalova, Galina G.; **Zemtsovskaja, Galina;** **Pikta, Marika;** **Viigimaa, Margus** Cardiology 2015 / p. 43-44 <https://www.karger.com/Article/Abstract/431110>

**Commons-based peer production and artistic expression : two cases from Greece**

**Kostakis, Vasileios;** **Drechsler, Wolfgang** New media & society 2015 / p. 740-754 <https://doi.org/10.1177/1461444813511929>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Compact two-element transmission trap detector for 1550 nm wavelength**

Vaigu, Aigar; **Kübasepp, Toomas;** Manoocheri, Farshid Measurement science and technology 2015 / p. 1-6 : ill

**Company performance, investment decision, and cyclical sensitivity : a dynamic estimation on company microdata**

**Männasoo, Kadri;** **Maripuu, Peeter** Eastern European economics 2015 / p. 25-38 : tab  
<https://doi.org/10.1080/00128775.2015.1033318> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

**Comparative analysis of current guidance for the evaluation of building retrofit investments**

**Witt, Emlyn David Qivitoq;** **Lill, Irene;** **Nuuter, Tiina** Procedia economics and finance 2015 / p. 321-328

**Comparative analysis of semiconductor power losses of galvanically isolated quasi-Z-source and full-bridge boost DC-DC converters**

**Kosenko, Roman;** **Liivik, Liisa;** **Chub, Andrii;** Velihorskyi, Oleksandr Scientific Journal of Riga Technical University. Electrical, control and communication engineering 2015 / p. 5-12 : ill <https://doi.org/10.1515/ecce-2015-0001>

**A comparative SEM study of ossicles in the Pleuronectiformes (Teleostei) of the Baltic Sea**

**Märss, Tiit;** Wilson, Mark; Lees, Janek; Saat, Toomas; Špilev, Heli Proceedings of the Estonian Academy of Sciences 2015 / p. 495-517 : ill <https://doi.org/10.3176/proc.2015.4.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Comparative studies of biological effects of surface water pollution on physiological state of molluscs : experience of caging studies in the Tallinn Bay**

Kholodkevich, Sergei; Kuznetsova, Tatiana; **Lips, Urmas;** **Kolesova, Natalja;** Sharov, Andrey; Kurakin, Anton 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 255 [http://www.bssc2015.lv/wp-content/uploads/2015/07/10th\\_BSSC\\_AbstractBook\\_final.pdf](http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf)

**Comparative study reveals better far-red fluorescent protein for whole body imaging**

Luker, K. E.; **Pata, Pille;** **Pata, Illar** Scientific reports 2015 / p. 1-9 : ill <https://doi.org/10.1038/srep10332> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Comparison of housing market sustainability in European countries based on multiple criteria assessment**

**Nuuter, Tiina;** **Lill, Irene;** Tupenaite, Laura Land use policy 2015 / p. 642-651 : ill <https://doi.org/10.1016/j.landusepol.2014.09.022>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Comparison of housing market sustainability in European countries based on multiple criteria assessment =**

**Hulgikriteeriumide simultaananalüüsi mudel eluasemeturu jätkusuutlikkuse hindamiseks**

**Nuuter, Tiina** 2015 <https://digi.lib.ttu.ee/i/?1878> [https://www.ester.ee/record=b4447025\\*est](https://www.ester.ee/record=b4447025*est)

**Comparison of hyperspectral measurements of the attenuation and scattering coefficients spectra with modeling results in the north-eastern Baltic Sea**

**Sipelgas, Liis; Raudsepp, Urmas** Estuarine, Coastal and Shelf Science 2015 / p. 1-9 <https://doi.org/10.1016/j.ecss.2015.08.008>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Comparison of laminate stiffness as measured by three experimental methods**

**Lasn, Kaspar;** Echtermeyer, Andreas T.; **Klauson, Aleksander;** Chati, Farid; Decultot, Dominique Polymer testing 2015 / p. 143-

152 : ill <https://doi.org/10.1016/j.polymertesting.2015.04.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Comparison of mineral wool, cellulose and reed mat for interior thermal insulation of log walls**

**Alev, Üllar;** Uus, Andres; **Kalamees, Targo** Journal of civil engineering and architecture research 2015 / p. 938-946 : ill

**Comparison of several numerical methods in one-dimensional discontinuous elastic wave propagation**

Kolman, Radek; **Berezovski, Arkadi;** Gabriel, Dusan; **Tamm, Kert** 28th Nordic Seminar on Computational Mechanics, 22-23

October, Tallinn, 2015 : proceedings of the NSCM28 2015 / p. 89-92 : ill

**Comparison of simplified and detailed window models in energy simulations**

**Thalfeldt, Martin;** Kurnitski, Jarek; **Voll, Hendrik** Proceedings of REHVA Annual Conference "Advanced HVAC and Natural Gas Technologies" : Riga, Latvia, May 6-9, 2015 2015 / p. 26-31 : ill

**Comparison of simplified and detailed window models in office building energy simulations**

**Thalfeldt, Martin;** Kurnitski, Jarek; **Voll, Hendrik** Energy procedia 2015 / p. 2076-2081 : ill

<https://doi.org/10.1016/j.egypro.2015.11.235> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Comparison of test results and the Reduced Cross-Section Method using a zero-strength layer**

Schmid, Joachim; Klippel, Michael; **Just, Alar;** Brandon, Daniel Proceedings of the 1st European Workshop Fire Safety of Green Buildings : Berlin, Germany, 6-7 October 2015 2015 / p. 51-53 : ill

**A comparison of the economic situation of Tyrol, Austria in three key periods : 1908-1913, 1945-1950 and 2008-2013**

**Fischer, Dirk-Hinnerk** Baltic journal of European studies 2015 / p. 93-108 <https://doi.org/10.1515/bjes-2015-0007>

**Comparison of the power losses in 1700V Si IGBT and SiC MOSFET modules including reverse conduction [Electronic resource]**

**Rabkowski, Jacek;** Platek, Tadeusz EPE'15 ECCE Europe : 8-10 September 2015, Geneva, Switzerland : 17th European Conference on Power Electronics and Applications 2015 / [10] p. : ill. [USB] <http://dx.doi.org/10.1109/EPE.2015.7309444>

**Comparison of the wave power for the open and sheltered segments of the Baltic Sea coast**

**Kovaleva, Olga;** Soomere, Tarmo; **Eelsalu, Maris** 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 210 [http://www.bssc2015.lv/wp-content/uploads/2015/07/10th\\_BSSC\\_AbstractBook\\_final.pdf](http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf)

**Complex delay fault reasoning with sequential 7-valued algebra**

**Kõusaar, Jaak;** Ubar, Raimund-Johannes; **Aleksejev, Igor** 2015 16th Latin American Test Symposium (LATS 2015) : Puerto Vallarta, Mexico, 25-27 March 2015 2015 / [6] p. : ill <http://dx.doi.org/10.1109/LATW.2015.7102403>

**Complex patterns in construction of entrepreneurial identity among youth in Estonia**

**Kirch, Aksel;** Tuisk, Tarmo European integration studies 2015 / p. 208-223 : ill <http://dx.doi.org/10.5755/j01.eis.0.9.12808>

**Complexity in designing energy efficient buildings : towards understanding decision networks in design**

**Pikas, Ergo;** Koskela, Lauri; **Thalfeldt, Martin;** Dave, Bhargav; **Kurnitski, Jarek** Global Knowledge - Global Solutions : 23rd Annual Conference of the International Group for Lean Construction : Perth, Australia, July 29-31, 2015 : proceedings of IGLC23 2015 / p. 213-222 : ill

**Complexity in engineering and natural sciences**

**Engelbrecht, Jüri** Proceedings of the Estonian Academy of Sciences 2015 / p. 249-255 [https://artiklid.elnet.ee/record=b2740532\\*est](https://artiklid.elnet.ee/record=b2740532*est) <https://doi.org/10.3176/proc.2015.3.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Compliance with summer thermal comfort requirements in apartment buildings**

**Simson, Raimo;** Kurnitski, Jarek; **Maivel, Mikk;** Kalamees, Targo Proceedings of REHVA Annual Conference "Advanced HVAC

and Natural Gas Technologies" : Riga, Latvia, May 6-9, 2015 2015 / p. 64-69 : ill

**Composition and structure of bimodal WC-Co materials related to mechanical properties and abrasive wear**

**Yung, Der-Liang; Antonov, Maksim; Hussainova, Irina; Veinthal, Renno;** Hogmark, Sture M2D2015 : proceedings of the 6th International Conference on Mechanics and Materials in Design, 2015 2015 / p. 655-664

**Compositionally tunable structure and optical properties of  $\text{Cu}_{1.85}(\text{Cd}_x\text{Zn}_{1-x})_{1.1}\text{SnS}_{4.1}$  ( $0 \leq x \leq 1$ ) monograin powders**

**Pilvet, Maris; Kauk-Kuusik, Marit; Altosaar, Mare; Grossberg, Maarja; Danilson, Mati; Timmo, Kristi; Mere, Arvo; Mikli, Valdek** Thin solid films 2015 / p. 180-183 : ill <https://doi.org/10.1016/j.tsf.2014.10.091> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#) [Article at WOS](#)

**Comprehensive elucidation of amino acid profile in human follicular fluid and plasma of in vitro fertilization patients**

**Kirsipuu, Tiina; Laks, Katrina; Velthut-Meikas, Agne;** Levkov, Lev; Salumets, Andres; **Palumaa, Peep** Gynecological endocrinology 2015 / p. 9-17 : ill <https://doi.org/10.3109/09513590.2015.1085186> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Compulsive buying behaviour in Estonian market**

**Raudsepp, Marju; Parts, Oliver** Economics and business 2015 / p. 81-85 : ill <http://dx.doi.org/10.1515/eb-2015-0013>

**Computational study of cyclohexylhemicucurbiturils = Tsükloheksüülhemikukurbituriilide arvutuskeemiline modelleerimine**

**Öeren, Mario** 2015 [https://www.ester.ee/record=b4522693\\*est](https://www.ester.ee/record=b4522693*est)

**A concept for performance measurement and evaluation in network industries**

**Kuhi, Kristjan; Kõrbe Kaare, Kati; Koppel, Ott** Proceedings of the Estonian Academy of Sciences 2015 / p. 536-542 : ill [https://artiklid.elnet.ee/record=b2750881\\*est](https://artiklid.elnet.ee/record=b2750881*est) <https://doi.org/10.3176/proc.2015.4S.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Concept maps for teaching, learning, and assessment in electronics**

**Vodovozov, Valery; Raud, Zoja** Education research international 2015 / p. 1-9 : ill <https://doi.org/10.1155/2015/849678>

**Concept of Estonian government cloud and data embassies**

**Kotka, Taavi; Liiv, Innar** Electronic Government and the Information Systems Perspective : 4th International Conference, EGOVIS 2015, Valencia, Spain, September 1-3, 2015 : proceedings 2015 / p. 149-162 : ill [https://doi.org/10.1007/978-3-319-22389-6\\_11](https://doi.org/10.1007/978-3-319-22389-6_11) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**A conceptual nationwide cyber situational awareness framework for critical infrastructures**

**Bahsi, Hayretin; Maennel, Olaf Manuel** Secure IT systems : 20th Nordic Conference, NordSec 2015, Stockholm, Sweden, October 19-21, 2015 : proceedings 2015 / p. 3-10 : ill [https://doi.org/10.1007/978-3-319-26502-5\\_1](https://doi.org/10.1007/978-3-319-26502-5_1) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Conceptualisation and management of green transport corridors = Roheliste transpordikoridore kontseptsioon ja juhtimine**

**Hunke, Kristina** 2015 [https://www.ester.ee/record=b4451483\\*est](https://www.ester.ee/record=b4451483*est)

**Conceptualization of experience marketing and country branding from a marketing management perspective = Elamusturunduse ja riigi brändimise kontseptualiseerimine turunduse juhtimise vaatenurgast**

**Same, Siiri** 2015 [https://www.ester.ee/record=b4463376\\*est](https://www.ester.ee/record=b4463376*est)

**Conclusion : agency strikes back? Quo vadis informality?**

**Morris, Jeremy; Polese, Abel** Informal economies in post-socialist spaces : practices, institutions and networks 2015 / p. 294-299 <http://dx.doi.org/10.1057/9781137483072>

**Conclusions from the EU-related training need assessments in Estonia in 2002-2013**

**Veebel, Viljar; Kulu, Liina; Markus, Raul** International journal of teaching and education 2015 / p. 88-103 <http://dx.doi.org/10.20472/TE.2015.3.1.007>

**Condition monitoring of electrical machines and its relation to industrial internet**

**Belahcen, Anouar;** Gytakis, Konstantinos N.; Martinez, Javier; Climente-Alarcon, Vicente; **Vaimann, Toomas** 2015 IEEE Workshop on Electrical Machines Design, Control and Diagnosis (WEMDCD) : proceedings : Castello del Valentino, Torino, Italy, 26-27 March, 2015 2015 / p. 233-241 : ill <http://dx.doi.org/10.1109/WEMDCD.2015.7194535>

**Conflict-resolution lifecycles for governed decentralized autonomous organization collaboration**

**Norta, Alexander; Othman, Anis Ben; Taveter, Kuldar** EGOSE '15 : proceedings of the 2015 2nd International Conference on Electronic Governance and Open Society : Challenges in Eurasia : November 24-25, 2015, St.Petersburg, Russian Federation 2015 / p. 244-257 : ill <https://doi.org/10.1145/2846012.2846052> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Conformational switching of ethano-bridged Cu<sub>2</sub>H<sub>2</sub>-bis-porphyrin induced by aromatic amines**

Bettini, Simona; Maglie, Emanuela; Pagano, Rosanna; **Borovkov, Victor** Beilstein journal of nanotechnology 2015 / p. 2154-2160 : ill <https://doi.org/10.3762/bjnano.6.221> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A CONOP9 quantitative stratigraphic model of Baltic Ordovician and Silurian chitinozoan distribution and K-bentonites**

Antonovitš, Liina; Nestor, Viuu-Kai; Nõlvak, Jaak; Bauert, Garmen; Hints, Olle; Kiipli, Tarmo Stratigraphy 2015 / p. 91-92

### **A conserved $\pi$ -cation and an electrostatic bridge are essential for 11R-lipoxygenase catalysis and structural stability**

Eek, Priit; Piht, Mari-Ann; Rätsep, Margus; Freiberg, Arvi; **Järving, Ivar**; **Samel, Nigulas** Biochimica et Biophysica Acta (BBA) - Molecular and Cell Biology of Lipids 2015 / p. 1377-1382 : ill <https://doi.org/10.1016/j.bbalip.2015.07.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A constitutive function for the heat flux in short-fiber-reinforced composites**

Herrmann, Heiko Journal of non-equilibrium thermodynamics 2015 / p. 257-263 <https://doi.org/10.1515/jnet-2015-0005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Consumer ethnocentrism in Estonian skin care products market**

Garmatjuk, Kristina; **Parts, Oliver** Procedia - social and behavioral sciences 2015 / p. 610-615 : ill <http://dx.doi.org/10.1016/j.sbspro.2015.11.458>

### **Consumer's journey as ambassador of brand experiences = Tarbija teekond brändielamuste saadikuna**

Riivits-Arkonsuo, Ivi 2015 [https://www.ester.ee/record=b4524165\\*est](https://www.ester.ee/record=b4524165*est)

### **Content and composition of essential oil in oregano (Origanum vulgare) growing in Estonia**

Raal, Ain; **Orav, Anne**; Ivask, Anu; Arak, Elmar The 6th International Pharmaceutical Conference "Science and Practice 2015" : November 5-6, 2015, Kaunas, Lithuania : book of abstracts 2015 / p. 62

### **Contribution of wave set-up into the total water level in the Tallinn area**

Pindsoo, Katri; **Soomere, Tarmo** Proceedings of the Estonian Academy of Sciences 2015 / p. 338-348 : ill [https://artiklid.elnet.ee/record=b2740558\\*est](https://artiklid.elnet.ee/record=b2740558*est) <https://doi.org/10.3176/proc.2015.3S.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Contribution of wave set-up into the total water level in the Tallinn area**

Pindsoo, Katri; **Soomere, Tarmo** 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 87 [http://www.bssc2015.lv/wp-content/uploads/2015/07/10th\\_BSSC\\_AbstractBook\\_final.pdf](http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf)

### **A control strategy for a grid-connected PV system with unbalanced loads compensation**

Fernao Pires, Vitor; **Husev, Oleksandr**; **Vinnikov, Dmitri**; Martins, Joao 2015 9th International Conference on Compatibility and Power Electronics (CPE) : proceedings : Faculty of Science and Technology (FCT), Caparica, Lisbon, Portugal, 24-26 June, 2015 2015 / p. 154-159 : ill <https://doi.org/10.1109/CPE.2015.7231065>

### **Convergence theorem for the Haar wavelet based discretization method**

Majak, Jüri; Shvartsman, Boris; **Kirs, Maarjuss**; **Pohlak, Meelis**; **Herranen, Henrik** Composite structures 2015 / p. 227-232 <https://doi.org/10.1016/j.compstruct.2015.02.050> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Cooperation projects between university and company : process of formation and objectives of the stakeholders**

Branten, Eva; Purju, Alari Entrepreneurship and sustainability issues 2015 / p. 149-156 : ill [http://dx.doi.org/10.9770/jesi.2015.3.2\(3\)](http://dx.doi.org/10.9770/jesi.2015.3.2(3))

### **Coordination through contracting : experience with the Estonian : out-of-hospital emergency medicine**

Sarapuu, Külli; **Lember, Veiko** Public management review 2015 / p. 1021-1039 : tab <https://doi.org/10.1080/14719037.2015.1029350> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Corporate social responsibility reporting and corporate financial performance : to be linked or not to be linked?**

Strouhal, Jiri; **Gurviš, Natalja**; **Startseva, Emilia**; **Nikitina-Kalamäe, Monika** Financial Management of Firms and Financial Institutions : 10th International Scientific Conference, 7th-8th September 2015, Ostrava, Czech Republic : proceedings. Part IV 2015 / p. 1226-1233 : tab [http://wis.vsb.cz/ekf/uloziste/2015-frpf-sbornik/Part\\_IV\\_web.pdf](http://wis.vsb.cz/ekf/uloziste/2015-frpf-sbornik/Part_IV_web.pdf)

### **Corporate tax in Europe : towards convergence?**

Regis, Paulo Jose; **Cuestas, Juan Carlos**; Chen, Yang Economics letters 2015 / p. 9-12 : ill <http://dx.doi.org/10.1016/j.econlet.2015.05.030>

### **Correlation between aortic stiffness and conventional risk factors with coronary atherosclerosis**

Zemtsovskaja, Galina; Zemtsovski, Mihhail; Abina, Jelena; Samarin, Andrei; Meigas, Kalju; Viigimaa, Margus Cardiology 2015 / p. 39 <https://www.karger.com/Article/Abstract/431110>

### **Corticosterone induces DNA methyltransferases expression in rat cortical neurons**

Urb, Mari; Anier, Kaili; Matsalu, Terje; Aonurm-Helm, Anu; **Timmusk, Tõnis** SpringerPlus 2015 / p. 30, P50  
<http://dx.doi.org/10.1186/2193-1801-4-S1-P50>

### **Cost optimal energy savings and scenarios for ENMAK 2030+ energy action plan**

**Kurnitski, Jarek; Kuusk, Kalle** Liginullenergiahooend täna ja homme : artiklite kogumik 2015 / p. 63-73 : ill

### **Cost optimal renovation solutions for apartment buildings**

**Kuusk, Kalle** Liginullenergiahooend täna ja homme : artiklite kogumik 2015 / p. 132-138 : ill

### **Council for Estonian Centres of Excellence in Research**

**Engelbrecht, Jüri** Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2014 2015 / p. 38-41

### **Coupled wave-equation and eddy-current model for modelling and measuring propagating stress-waves**

Peussa, Tommi; **Belahcen, Anouar** Archives of electrical engineering 2015 / p. 215-226 : ill <http://dx.doi.org/10.1515/ae-2015-0018>

### **Creating CoReO, the Computer Assisted Copyright Reform Observatory**

**Täks, Ermo; Rull, Addi**; Säär, Anni; Schäfer, Burkhard Logic in the theory and practice of lawmaking 2015 / p. 479-511  
[http://dx.doi.org/10.1007/978-3-319-19575-9\\_18](http://dx.doi.org/10.1007/978-3-319-19575-9_18)

### **Creating shared service centres for public sector accounting**

**Raudla, Ringa; Tammel, Kaide** Accounting, auditing & accountability journal 2015 / p. 158-179 : tab <https://doi.org/10.1108/AAAJ-06-2013-1371> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Creation of smart-contracting collaborations for decentralized autonomous organizations**

**Norta, Alexander** Perspectives in business informatics research : 14th International Conference, BIR 2015, Tartu, Estonia, August 26-28, 2015 : proceedings 2015 / p. 3-17 [https://doi.org/10.1007/978-3-319-21915-8\\_1](https://doi.org/10.1007/978-3-319-21915-8_1) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Creative destruction in economics**

**Reinert, Erik S.**; Reinert, Hugo New Nietzsche studies 2015 / p. 1-23 <http://dx.doi.org/10.5840/newnietzsche201593/41>

### **Creative-traditional sector cooperation for innovative blue and green growth : case study from the South Baltic Sea Region**

**Gerlitz, Laima** CIAKL II : 2015 Creativity Meets Business Conference : conference programme 2015 / p. 8

### **Criteria for the transition from a breaking bore to an undular bore**

Pelinovsky, Efim; Shurgalina, Ekaterina; **Rodin, Artem** Izvestiya, atmospheric and oceanic physics 2015 / p. 530-533 : ill  
<https://doi.org/10.1134/S0001433815050096> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Critical radius of zirconia inclusions in transformation toughening of ceramics**

Filippov, Roman; Freidin, Alexander; **Hussainova, Irina**; Vilchevskaya, Elena Physical mesomechanics 2015 / p. 33-42 : ill  
<https://doi.org/10.1134/S1029959915010051> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Cross-bridge group ensembles describing cooperativity in thermodynamically consistent way**

**Kalda, Mari; Peterson, Pearu; Vendelin, Marko** PLoS ONE 2015 / p. 1-26 : ill <https://doi.org/10.1371/journal.pone.0137438> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Crystalline structure, surface morphology and optical properties of nanolamellar composites obtained by intercalation of InSe with Cd**

Untila, Dumitru; Caraman, Iuliana; Evtodiev, Igor; **Spalatu, Nicolae** Energy procedia 2015 / p. 149-155 : ill  
<https://doi.org/10.1016/j.egypro.2015.12.308> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **C.S. Peirce on the dynamic object of a sign: From ontology to semiotics and back**

**Pape, Helmut** Sign systems studies = Tõid märgisüsteemide alalt = Труды по знаковым системам 2015 / p. 419-437 ; Comment p. 433-437 <https://doi.org/10.12697/SSS.2015.43.4.03> [https://www.eester.ee/record=b1331700\\*est](https://www.eester.ee/record=b1331700*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **CZTS monograin membranes for photoelectrochemical fuel production modifications for fuel production**

**Kouhiisfahani, Elham; Samiepour, Ali**; Morawietz, Tobias; Kraut, Jürgen; Hiesgen, Renate; **Meissner, Dieter** 5th International Conference on Clean Electrical Power : Renewable Energy Resources Impact : Taormina (Italy), 16th-18th June 2015 2015 / p. 222-225 : ill <http://dx.doi.org/10.1109/ICCEP.2015.7177627>

### **CZTS monograin membranes for photoelectrochemical fuel production preparation and characterization**

**Samiepour, Ali; Kouhiisfahani, Elham; Galajev, Semjon; Meissner, Dieter** 5th International Conference on Clean Electrical

Power : Renewable Energy Resources Impact : Taormina (Italy), 16th-18th June 2015 2015 / p. 212-215 : ill  
<http://dx.doi.org/10.1109/ICCEP.2015.7177625>

#### **Cubesat mission for multispectral Earth observation from low Earth orbit**

**Karmin, Martin; Ehrminger, Robin Benjamin; Shatov, J.; Mzhavia, Tornike; Vaher, Olev; Dihuliya, D.; Hiimaa, Mado; Tamre, Mart** Proceedings of the 10th International Conference of DAAAM Baltic Industrial Engineering, 12-13th May 2015, Tallinn, Estonia 2015 / p. 128-133 : ill

#### **Current issues in construction industry in Estonia [Online resource]**

**Uukkivi, Raigo** Conference on state control of construction works quality and supervision of construction market in Latvia and in Europe : Riga, 27.11.2015 2015 / [11] p. [Slides] [http://conqual.rtu.lv/wp-content/uploads/sites/15/2015/11/Current-issues-in-Construction-Industry-in-Estonia\\_Raigo\\_Uukkivi\\_27nov2015.pdf](http://conqual.rtu.lv/wp-content/uploads/sites/15/2015/11/Current-issues-in-Construction-Industry-in-Estonia_Raigo_Uukkivi_27nov2015.pdf)

#### **Current velocity estimation using a lateral line probe**

**Fuentes-Pérez, Juan Francisco; Tuhtan, Jeffrey Andrew; Carbonell Baeza, Ruth; Musall, Mark; Toming, Gert; Muhammad, Naveed; Kruusmaa, Maarja** Ecological engineering 2015 / p. 296-300 : ill <https://doi.org/10.1016/j.ecoleng.2015.10.008> [Journal metrics](#) [at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Cutback management literature in the 1970s and 1980s : taking stock**

**Raudla, Ringa; Savi, Riin; Randma-Liiv, Tiina** International review of administrative sciences 2015 / p. 433-456 : tab  
<https://doi.org/10.1177/0020852314564313> [Journal metrics](#) [at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **CXXC peptide motif from mesencephalic astrocyte-derived neurotrophic factor (MANF) antagonizes apoptotic and necroptotic death and has anti-oxidant activity**

**Bozok, V.; Palgi, Jaan; Arumäe, Urmas** Neurodegenerative diseases 2015 / p. 1829 <http://dx.doi.org/10.1159/000381736>

#### **Cyber warfare**

**Ottis, Rain** Cyber security : analytics, technology and automation 2015 / p. 89-96 [https://doi.org/10.1007/978-3-319-18302-2\\_6](https://doi.org/10.1007/978-3-319-18302-2_6) [Article](#) [collection metrics at Scopus](#) [Article at Scopus](#)

#### **Cyclic sedimentation pattern in Lake Veetka, southeast Estonia : a case study**

**Saarse, Leili** Geologos 2015 / p. 59 - 69 <https://doi.org/10.1515/logos-2015-0003> [Journal metrics](#) [at Scopus](#) [Article at Scopus](#)

#### **Cyclohexylhemicucurbit[8]uril - a chiral macrocyclic host for anionic guests**

**Kaabel, Sandra; Topic, Filip; Shmatova, Elena; Kudrjašova, Marina; Kalenius, Elina; Kivijärvi, Lauri; Aav, Riina; Rissanen, Kari** Acta crystallographica section A : foundations and advances 2015 / p. s475 <http://dx.doi.org/10.1107/S2053273315092992>

#### **Cyclohexylhemicucurbit[8]uril - a chiral macrocyclic host for anionic guests**

**Kaabel, Sandra; Topic, Filip; Prigorchenko, Elena; Kudrjašova, Marina; Kalenius, Elina; Kivijärvi, Lauri; Aav, Riina; Rissanen, Kari** ECM29 : 29th European Crystallographic Meeting : Young Crystallographers' Satellite Meeting : Rovinj, Croatia, August 23, 2015 : [abstracts] 2015 / [1] p. : ill [http://ecm29.ecanews.org/wp-content/uploads/10\\_Sandra\\_Kaabel.pdf](http://ecm29.ecanews.org/wp-content/uploads/10_Sandra_Kaabel.pdf)

#### **Cyclohexylhemicucurbiturils as supramolecular necklace for guest molecule**

**Prigorchenko, Elena; Öeren, Mario; Kaabel, Sandra; Kruusamägi, Madli; Fomitšenko, Maria; Reile, Indrek; Topic, Filip; Rissanen, Kari; Aav, Riina** 10th International Symposium on Macrocyclic and Supramolecular Chemistry : Strasbourg, France, June 28th - July 2nd 2015 2015 / p. PB-44

#### **Damaging formula of the frost resistant concrete with poor quality of coarse limestone aggregate**

**Liisma, Eneli; Raado, Lembi-Merike** Journal of civil engineering and architecture 2015 / p. 598-603 : ill

#### **Daniel Raymond (1820) : a US economist who inspired Friedrich List, with notes on other forerunners of List from the English-speaking periphery**

**Reinert, Erik S.** Taking up the challenge! : festschrift for Jürgen Backhaus 2015 / p. 517-536

#### **Dark diversity in dry calcareous grasslands is determined by dispersal ability and stress-tolerance**

**Riibak, Kersti; Reitalu, Triin; Tamme, Riin; Helm, Aveliina; Gerhold, Pille; Znamenskiy, Sergey; Bengtsson, Karin; Rosén, Ejvind; Prentice, Honor C.; Pärtel, Meelis** Ecography 2015 / p. 713 - 721 <https://doi.org/10.1111/ecog.01312> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Data driven ecosystem - perspectives and problems**

**Jaakkola, Hannu; Henno, Jaak; Soini, Jari** Proceedings of the 4th Workshop of Software Quality, Analysis, Monitoring, Improvement, and Applications (SQAMIA 2015) : Maribor, Slovenia, 8.-10.6.2015 2015 / p. 17-26 : ill  
[https://www.academia.edu/72389682/Data\\_Driven\\_Ecosystem\\_Perspectives\\_and\\_Problems?uc-sb-sw=31216477](https://www.academia.edu/72389682/Data_Driven_Ecosystem_Perspectives_and_Problems?uc-sb-sw=31216477) [Conference proceedings at Scopus](#) [Article at Scopus](#)

#### **Data integration patterns for data warehouse automation**

**Tomingas, Kalle;** Kliimask, Margus; **Tammet, Tanel** New Trends in Database and Information Systems II : selected papers of the 18th East European Conference on Advances in Databases and Information Systems and Associated Satellite Events, ADBIS 2014 Ohrid, Macedonia, September 7-10, 2014 : proceedings. II 2015 / p. 41-55 [https://doi.org/10.1007/978-3-319-10518-5\\_4](https://doi.org/10.1007/978-3-319-10518-5_4) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Data to decision : pushing situational information needs to the edge of the network**

**Preden, Jürjo-Sören; Kaugerand, Jaanus; Suurjaak, Erki; Astapov, Sergei; Pahtma, Raido; Mõtus, Leo** 2015 IEEE International Multi-Disciplinary Conference on Cognitive Methods in Situation Awareness and Decision (CogSIMA 2015) : 9-12 March 2015, Orlando, Florida, USA 2015 / p. 158-164 : ill <http://dx.doi.org/10.1109/COGSIMA.2015.7108192>

**Debate : Islamic PA - does it exist, what is it, and why and how should we study it?**

**Drechsler, Wolfgang** Public money & management 2015 / p. 63-64 <https://doi.org/10.1080/09540962.2015.986885> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Debate : once again on Wang Anshi and Confucian public management**

**Drechsler, Wolfgang** Public money & management 2015 / p. 254-255 <https://doi.org/10.1080/09540962.2015.1047264> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Decision diagrams for diagnostic modeling**

**Ubar, Raimund-Johannes** MEDIAN Finale : Workshop on Manufacturable and Dependable Multicore Architectures at Nanoscale : November 10-11, 2015, Tallinn, Estonia 2015 / p. 43

**Decision making and strategic planning for disaster preparedness with a multi-criteria-analysis decision support system**

Schlobinski, Sascha; Zuccaro, Giulio; Scholl, Martin; Meiers, Daniel; Denzer, Ralf; Guarino, Sergio; Engelbach, Wolf; **Taveter, Kuldar;** Frysinger, Steven Environmental Software Systems : Infrastructures, Services and Applications : 11th IFIPWG 5.11 International Symposium, ISESS 2015, Melbourne, VIC, Australia, March 25-27, 2015 : proceedings 2015 / p. 178-186 : ill [https://doi.org/10.1007/978-3-319-15994-2\\_17](https://doi.org/10.1007/978-3-319-15994-2_17) [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Decision-making framework for industrial-size datacenters**

**Leppiman, Ando; Kotka, Taavi; Kõrbe Kaare, Kati; Koppel, Ott** Proceedings of the 10th International Conference of DAAAM Baltic Industrial Engineering, 12-13th May 2015, Tallinn, Estonia 2015 / p. 237-242 : ill

**Decision-making in time of crisis : cutback management in Estonia**

**Savi, Riin; Randma-Liiv, Tiina** International review of administrative sciences 2015 / p. 479-497 <https://doi.org/10.1177/0020852315573131> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Definitory and strategic rules in ethics**

Gustafsson, Juuso-Ville; **Pietarinen, Ahti-Veikko** 15th Congress of Logic, Methodology and Philosophy of Science CLMPS 2015 : University of Helsinki, 3-8 August 2015 : book of abstracts 2015 / p. 497-498 [http://clmps.helsinki.fi/materials/CLMPS\\_LC\\_book%20of%20abstracts%2029.7.2015.pdf](http://clmps.helsinki.fi/materials/CLMPS_LC_book%20of%20abstracts%2029.7.2015.pdf)

**Degradation of levofloxacin in aqueous solutions by Fenton, ferrous ion-activated persulfate and combined Fenton/persulfate systems**

**Epold, Irina; Trapido, Marina; Dulova, Niina** Chemical engineering journal 2015 / p. 452-462 : ill <https://doi.org/10.1016/j.cej.2015.05.054> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Degradation of naproxen in aqueous solution by H<sub>2</sub>O<sub>2</sub>, S<sub>2</sub>O<sub>8</sub><sup>2-</sup> and combined H<sub>2</sub>O<sub>2</sub>/S<sub>2</sub>O<sub>8</sub><sup>2-</sup> activated with citric acid chelated Fe<sup>2+</sup>**

**Dulova, Niina; Epold, Irina; Trapido, Marina** European Conference on Environmental Applications of Advanced Oxidation Processes : 21-24 October 2015, Athens, Greece : book of proceedings 2015 / [1] p. : ill

**Degradation of naproxen in aqueous solution by H<sub>2</sub>O<sub>2</sub>, S<sub>2</sub>O<sub>8</sub><sup>2-</sup> and combined H<sub>2</sub>O<sub>2</sub>/S<sub>2</sub>O<sub>8</sub><sup>2-</sup> activated with citric acid chelated Fe<sup>2+</sup>**

**Dulova, Niina; Epold, Irina; Trapido, Marina** European Conference on Environmental Applications of Advanced Oxidation Processes : 21-24 October 2015, Athens, Greece : conference program and book of abstracts 2015 / p. 88 : ill

**Degradation of pharmaceuticals by advanced oxidation technologies in aqueous matrices = Ravimite lagundamine vesikeskkonnas süvaoksüdatsioonitehnoloogiatega**

**Epold, Irina** 2015 <https://digi.lib.ttu.ee/i/?3698> [https://www.ester.ee/record=b4513257\\*est](https://www.ester.ee/record=b4513257*est)

**Demand controlled ventilation indoor climate and energy performance in a high performance building with air flow rate controlled chilled beams**

Ahmed, Kaiser; **Kurnitski, Jarek;** Sormunen, Piia Energy and buildings 2015 / p. 115-126 : ill <https://doi.org/10.1016/j.enbuild.2015.09.052> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Demand side management potential in Estonia**

**Drovtar, Imre** Doctoral School of Energy and Geotechnology II : closing conference of the project : Pärnu, Estonia, January 12-17, 2015 2015 / p. 81-87 : ill

### **Democracy through regional integration**

**Nyman-Metcalf, Katrin Merike**; Papageorgiou, Ioannis F. 2015 [https://www.ester.ee/record=b4530610\\*est](https://www.ester.ee/record=b4530610*est)

### **Demopaatia, kannatuste haigus**

**Strandberg, Marek** KesKus 2015 / lk. 6 : ill <http://kes-kus.ee/demopaatia-kannatuste-haigus/>

### **The depositional conditions of the fluvio-aeolian succession during the last climate minimum based on the examples from Poland and NW Ukraine**

Zieliński, Paweł; Sokołowski, Robert J.; Woronko, Barbara; Jankowski, Michał; Fedorowicz, Stanisław; Zaleski, Iwan; **Molodkov, Anatoli**; Weckwerth, Piotr Quaternary International 2015 / p. 30 - 41 <https://doi.org/10.1016/j.quaint.2014.08.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Desarrollos recientes en el estudio de la cultura de seguridad y sus correlatos : el papel del liderazgo**

Peiro, Jose M.; Gracia, Francisco J.; **Martinez-Corcoles, Mario** Nuclear Espana 2015 / p. 43-47 : il <http://revista.sne.es/359/>

### **Descriptive geometry general course : exercises**

**Gilts, Krista** 2015 [http://www.ester.ee/record=b4420448\\*est](http://www.ester.ee/record=b4420448*est)

### **Design and comparison of three-level three-phase T-source inverters**

**Shults, Tatiana**; Husev, Oleksandr; **Blaabjerg, Frede** 2015 IEEE 5th International Conference on Power Engineering, Energy and Electrical Drives (POWERENG) : proceedings : May 11-13, 2015, Riga, Latvia 2015 / p. 564-569 : ill <http://dx.doi.org/10.1109/PowerEng.2015.7266378>

### **Design and evaluation of a base module of active power electronic transformer**

**Roasto, Indrek**; Minambres-Marcos, Victor; Romero-Cadaval, Enrique; Strzelecki, Ryszard 2015 9th International Conference on Compatibility and Power Electronics (CPE) : proceedings : Faculty of Science and Technology (FCT), Caparica, Lisbon, Portugal, 24-26 June, 2015 2015 / p. 384-389 : ill <http://dx.doi.org/10.1109/CPE.2015.7231106>

### **Design for product and service innovation in industry 4.0 and emerging smart society**

**Gerlitz, Laima** Journal of security and sustainability issues 2015 / p. 181-198 : ill [http://dx.doi.org/10.9770/jssi.2015.5.2\(5\)](http://dx.doi.org/10.9770/jssi.2015.5.2(5))

### **Design global, manufacture local : exploring the contours of an emerging productive model**

**Kostakis, Vasileios**; **Niaros, Vasileios**; Dafermos, George; Bauwens, Michel Futures 2015 / p. 126-135 : ill <https://doi.org/10.1016/j.futures.2015.09.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Design of separating function - state of the art**

**Just, Alar**; **Tiso, Mattia**; Fragiocomo, Massimo Proceedings of the 1st European Workshop Fire Safety of Green Buildings : Berlin, Germany, 6-7 October 2015 2015 / p. 62-64

### **Design of the exterior-rotor PM synchronous motor for an electric powered paraglider**

**Nukki, Rene**; **Lehtla, Tõnu**; **Kilk, Aleksander**; Kangru, Tavo 2015 56th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2015 / p. 245-248 : ill

### **Design of three-phase three-level CIC T-source inverter with maximum boost control**

**Shults, Tatiana**; Husev, Oleksandr; Roncero-Clemente, Carlos; **Blaabjerg, Frede**; Strzelecki, Ryszard IECON 2015 - Yokohama : 41st Annual Conference of the IEEE Industrial Electronics Society : November 9-12, 2015, Pacifico Yokohama, Yokohama, Japan 2015 / p. 004447-004452 : ill <http://dx.doi.org/10.1109/IECON.2015.7392792>

### **Design optimization of glass canopy panel subjected to snow load**

**Õunapuu, Erko**; **Velsker, Tarmo**; **Eerme, Martin** Proceedings of the 10th International Conference of DAAAM Baltic Industrial Engineering, 12-13th May 2015, Tallinn, Estonia 2015 / p. 104-108 : ill

### **Detachable connecting fittings failure loads on plywood furniture**

**Saar, Kaarel**; **Kers, Jaan**; Luga, Üllar; **Reiska, Ahto** Proceedings of the Estonian Academy of Sciences 2015 / p. 113-117 : ill <https://doi.org/10.3176/proc.2015.1S.07> [https://artiklid.elnet.ee/record=b2716371\\*est](https://artiklid.elnet.ee/record=b2716371*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Detection of banned chemicals in various matrices (saliva, sediments) by capillary electrophoresis**

**Kaljurand, Mihkel**; Mazina, Jekaterina; **Saar-Reismaa, Piret**; Jõul, Piia; **Lees, Heidi**; Špiljova, Anastassija; Kulp, Maria; **Vaher, Merike** ITP2015/NoSSS2015 : final program and book of abstracts 2015 / p. L-36

#### **Determination of closure depths for sheltered areas of the eastern part of the Baltic Sea**

**Kovaleva, Olga; Soomere, Tarmo; Eelsalu, Maris; Ryabchuk, Daria** 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 233  
[http://www.bssc2015.lv/wp-content/uploads/2015/07/10th\\_BSSC\\_AbstractBook\\_final.pdf](http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf)

#### **Determination of GHB and marijuana (THC, CBD) abuse in saliva by capillary electrophoresis**

**Mazina, Jekaterina; Saar-Reismaa, Piret; Špiljova, Anastassija; Kaljurand, Mihkel; Kulp, Maria; Vaher, Merike** ITP2015/NoSSS2015 : final program and book of abstracts 2015 / p. YS-4

#### **Determination of metal content in superoxide dismutase enzymes by capillary electrophoresis**

**Kazarjan, Jana; Vaher, Merike; Hunter, Therese; Kulp, Maria; Hunter, Gary James; Bonetta, Rosalin; Farrugia, Diane; Kaljurand, Mihkel** Journal of separation science 2015 / p. 1042-1045 : ill <https://doi.org/10.1002/jssc.201400925> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Determination of $\gamma$ -hydroxybutyric acid in saliva by capillary electrophoresis coupled with contactless conductivity and indirect UV absorbance detectors**

**Mazina, Jekaterina; Saar-Reismaa, Piret; Kulp, Maria; Kaljurand, Mihkel; Vaher, Merike** Electrophoresis 2015 / p. 3042-3049 : ill <https://doi.org/10.1002/elps.201500293> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Determining a device crossover point in CPU/GPU systems for streaming applications**

**Kanur, Sudeep; Lund, Wictor; Tsiopoulos, Leonidas; Lilius, Johan** 2015 IEEE Global Conference on Signal and Information Processing : GlobalSIP 2015 : Orlando, FL, USA, December 14-16, 2015 / p. 1417-1421 : ill <http://dx.doi.org/10.1109/GlobalSIP.2015.7418432>

#### **Developing intelligent logistics - building a competence model for logistics systems engineer**

**Niine, Tarvo; Koppel, Ott** Proceedings of 2015 IEEE Global Engineering Education Conference (EDUCON) : 18-20 March 2015, Tallinn University of Technology (TUT), Tallinn, Estonia 2015 / p. 239-248 : ill <http://dx.doi.org/10.1109/EDUCON.2015.7095977>

#### **Development and study of ZnO: In optical scintillation ceramic**

**Gorokhova, Elena; Eroniko, S.B.; Kulkov, A.M.; Oreshchenko, E.A.; Simonova, K.L.; Chernenko, K.A.; Venevtsev, I.D.; Rodnyi, P.A.; Lott, Kalju; Wieczorek, H.** Journal of optical technology 2015 / p. 837-842 : ill <https://doi.org/10.1364/JOT.82.000837> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Development of a bio-impedance signal simulator on the basis of the regression based model of the cardiac and respiratory impedance signals**

**Muhammad, Yar; Le Moullec, Yannick; Annus, Paul; Min, Mart** 16th Nordic-Baltic Conference on Biomedical Engineering : 16. NBC & 10. MTD 2014 Joint Conferences, October 14-16, 2014, Gothenburg, Sweden 2015 / p. 92-95 : ill [https://doi.org/10.1007/978-3-319-12967-9\\_25](https://doi.org/10.1007/978-3-319-12967-9_25) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Development of a capillary electrophoresis method with direct UV detection for the analysis of thiodiglycol and its oxidation products**

**Jõul, Piia; Lees, Heidi; Vaher, Merike; Kobrin, Eeva-Gerda; Kaljurand, Mihkel; Kuhtinskaja, Maria** Electrophoresis 2015 / p. 1202-1207 : ill <https://doi.org/10.1002/elps.201500038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Development of a cognitive robotic system for simple surgical tasks**

**Muradore, Riccardo; Fiorini, Paolo; Li, Lin; Kruusmaa, Maarja; Ristolainen, Asko** International journal of advanced robotic systems 2015 / p. 1-20 : ill <https://doi.org/10.5772/60137> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Development of a signal processing algorithm for automatic identification of the cardiac events in the seismocardiogram**

**Rahman, Mohammed Owahidur; Witter, Raiker; Samoson, Ago** Cardiology 2015 / p. 44  
<https://www.karger.com/Article/Abstract/431110>

#### **Development of a wireless sensor network combining MATLAB and embedded microcontrollers**

**Vu, Trieu Minh; Tamre, Mart; Musalimov, Victor; Altunin, Valeri** Sensor letters 2015 / p. 1091-1096 : ill <https://doi.org/10.1166/sl.2015.3594> [Journal metrics at Scopus](#) [Article at Scopus](#)

#### **Development of additive manufacturing based on functional requirements = Funktsionaalsete vajaduste põhine kihtlisandustootmise arendus**

**Sonk, Kaimo** 2015 [https://www.ester.ee/record=b4494974\\*est](https://www.ester.ee/record=b4494974*est)

#### **Development of an analysis method for the determination of sulfur mustard hydrolysis and oxidation products in seawater by a portable capillary electrophoresis instrument**

**Jõul, Piia; Kuhtinskaja, Maria; Kaljurand, Mihkel** ITP2015/NoSSS2015 : final program and book of abstracts 2015 / p. P-53

#### **Development of an optical monitoring technology for urea rebound assessment**

**Tomson, Ruth; Fridolin, Ivo; Luman, Merike** International journal of bioelectromagnetism 2015 / p. 52-56 : ill

**Development of an optical monitoring technology for urea rebound assessment**

**Tomson, Ruth; Fridolin, Ivo; Luman, Merike** The 10th International Conference on Bioelectromagnetism : proceedings 2015 / [4] p. : ill

**Development of quality and knowledge management system for the first satellite mission in an educational institution based on ECSS standards**

**Vihmand, Mart; Dihuliya, Divya; Ehrminger, Robin** 66th International Astronautical Congress 2015 (IAC 2015) : Space - The Gateway for Mankind's Future, Jerusalem, Israel, 12-16 October 2015 2015 / p. 9717-9719

<https://iafastro.directory/iac/paper/id/31145/summary/> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Development of radial velocity component in accelerating start-up pipe flow**

**Annus, Ivar; Koppel, Tiit** European journal of mechanics B. Fluids 2015 / p. 48-54 : ill <https://doi.org/10.1016/j.euromechflu.2015.04.001>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Development of single-loop current sensorless control for bidirectional three-phase PWM rectifier**

**Suzdalenko, Alexander; Zakis, Janis; Husev, Oleksandr** 2015 56th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2015 / p. 211-214 : ill

**Development of the method for calculation of plates to ensure optimization of hull thickness**

**Gornostajev, Dmitri; Arjassov, Gennadi; Žigailov, Sergei** Mechatronic systems and materials VI 2015 / p. 796-801 : ill

<https://doi.org/10.4028/www.scientific.net/SSP.220-221.796> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Development of the safety management system at enterprises = Ettevõtte ohutuse juhtimissüsteemi arendamine**

**Paas, Önnela** 2015 [https://www.ester.ee/record=b4528728\\*est](https://www.ester.ee/record=b4528728*est)

**Development of the software tools for simulation of quantum well media for radiation amplification in MIR and THz regions**

**Udal, Andres; Reeder, Reeno; Valusis, G.; Kasalynas, I.; Ikonic, Zoran; Indjin, D.** 3rd Annual Conference of COST Action MP1204 & 6th International Conference on Semiconductor Mid-IR Materials and Optics SMMO2015 : book of abstracts : Institute of Photonics and Electronics, The Czech Academy of Sciences, Prague, Czech Republic, April 8-11, 2015 2015 / p. 63

**Development of Young's modulus of illitic clay during heating up to 1100 °C**

**Hulan, Tomaš; Trník, Anton; Štubna, Igor; Bačík, Peter; Kaljuvee, Tiit; Vozar, Libor** Medžiagotyra = Materials science 2015 / p. 429-434 : ill <https://doi.org/10.5755/j01.ms.21.3.7152> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Developmental defects in Arabidopsis caused by multiple knockdowns of myosin genes**

**Ojangu, Eve-Ly** VI Baltic Genetics Congress : September 30 - October 3, 2015, Institute of Molecular and Cell Biology, Tartu, Estonia : book of abstracts 2015 / 1 p

**A device for measuring the electrical bioimpedance with variety of electrode placements for monitoring the breathing and heart rate**

**Metshein, Margus** 2015 26th Irish Signals and Systems Conference (ISSC) : Institute of Technology Carlow, Ireland, June 24-25, 2015 2015 / [4] p. : ill <http://dx.doi.org/10.1109/ISSC.2015.7163748>

**Diatom stratigraphy and relative sea level changes of the Eastern Baltic Sea over the Holocene = Ränivetikate stratigraafia ja Läänemere idaosa veetaseme muutused Holotseenis**

**Grudzinska, Ieva** 2015 <https://digi.lib.ttu.ee/i/?3919> [https://www.ester.ee/record=b4531163\\*est](https://www.ester.ee/record=b4531163*est)

**Die Staatswissenschaften an der Universität Erfurt : Zu ihrer Gründung 1991-92 und zu Jürgen G. Backhaus' Beitrag dazu**

**Drechsler, Wolfgang** Taking up the challenge! : festschrift for Jürgen Backhaus 2015 / S. 363-376

**Die Wirtschaftssanktionen als die Mittel der internationalen Druck [Elektronische Ressourcen]**

**Veebel, Viljar; Markus, Raul** Estonian discussions on economic policy (Articles) = Eestriische Gespräche über Wirtschaftspolitik (Beiträge) = Eesti majanduspoliitilised väitlused (Artiklid). 1 2015 / S. 131-151 [CD-ROM]

**Differences in gut microbiota between atopic and healthy children**

**Drell, Tiina; Larionova, Anneli; Voor, Tiia; Simm, Jaak; Julge, Kaja; Heilman, Kaire; Tillmann, Vallo; Štšepetova, Jelena; Sepp, Epp** Current Microbiology 2015 / p. 177-183 <https://doi.org/10.1007/s00284-015-0815-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Different approaches for calibration of an operational water distribution system containing old pipes**

**Annus, Ivar; Vassiljev, Anatoli** Procedia engineering 2015 / p. 526-534 : ill <https://doi.org/10.1016/j.proeng.2015.08.900> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

---

### **Different relationships between job satisfaction facets and work locus of control : what leaders can control**

**Parts, Velli; Randmann, Liina** Respectful and Effective Leadership : Managing People and Organizations in Turbulent Times : The 17th European Congress of Work and Organizational Psychology : Oslo, Norway, 20-23 May 2015 2015

### **Difficulties in SMEs and KPI selection model as solver**

**Kaganski, Sergei; Paavel, Marko; Karjust, Kristo; Majak, Jüri; Snatkin, Aleksei** Proceedings of the 10th International Conference of DAAAM Baltic Industrial Engineering, 12-13th May 2015, Tallinn, Estonia 2015 / p. 33-38 : ill

### **Digievolutsiooni võimalused koolihariduses**

Jürjo, Silvester Studiosus 2015 / lk. 20-21 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

### **Digital control modeling for transportation problem optimization**

Musalimov, Victor; Ruban, Dmitry; **Ruban, Olga** Doctoral School of Energy and Geotechnology II : closing conference of the project : Pärnu, Estonia, January 12-17, 2015 2015 / p. 19-22 : ill

### **Digital system modeling and synthesis as an introduction to computer systems engineering**

**Tajammul, Muhammad Adeel; Azad, Siavoosh Payandeh; Ellervee, Peeter** 2015 International Conference on Microelectronic Systems Education : MSE '15 : Pittsburgh, PA, May 20-21, 2015 2015 / p. 52-55 : ill <http://dx.doi.org/10.1109/MSE.2015.7160016>

### **Digitization and student communication patterns in higher education**

**Tuisk, Tarmo; Nekrassova, Natalja; Miller, Leon** Australian and New Zealand journal of European studies 2015 / p. 87-100 : ill <https://www.dropbox.com/s/d1tsewsfgmewjnh/87-100.pdf>

### **Direct access to multifunctionalized norcamphor scaffolds by asymmetric organocatalytic Diels–Alder reactions**

Mose, Rasmus; Jensen, Magnus E.; **Preegel, Gert**; Jorgensen, Karl Anker Angewandte Chemie international edition 2015 / p. 13630-13634 : ill <http://dx.doi.org/10.1002/anie.201507348>

### **Discovering innovation labs in the public sector [Online resource]**

**Tõnurist, Piret; Kattel, Rainer; Lember, Veiko** 2015 <http://hum.ttu.ee/wp/paper61.pdf>

### **Disintegrators and disintegrator treatment of materials**

**Goljandin, Dmitri; Kulu, Priit** 2015

### **Disordered lithium-rich oxyfluoride as a stable host for enhanced Li<sup>+</sup> intercalation storage**

Chen, Ruiyong; Ren, Shuhua; Knapp, Michael; Wang, Di; **Witter, Raiker**; Fichtner, Maximilian; Hahn, Horst Advanced energy materials 2015 / p. 1-7 : ill <https://doi.org/10.1002/aenm.201401814> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Distributed adaptive network with SNR weighed communication**

**Ulp, Sander; Trump, Tõnu** 2015 Third International Conference on Digital Information, Networking, and Wireless Communications (DINWC 2015) : Moscow, Russia, 3-5 February 2015 2015 / p. 83-87 : ill

### **Distribution of conichnus and amporichnus in the lower paleozoic of Estonia (Baltica)**

Vinn, Olev; Wilson, Mark A.; **Toom, Ursula** Carnets de Geologie 2015 / p. 269 - 278 <https://doi.org/10.4267/2042/58180> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Distribution of hydroxyl groups in kukersite shale oil : quantitative determination using Fourier transform infrared (FT-IR) spectroscopy**

**Baird, Zachariah Steven; Oja, Vahur; Järvik, Oliver** Applied spectroscopy 2015 / p. 555-562 <https://doi.org/10.1366/14-07705> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Dividendide Top : [ajalehe Äripäev lisa]**

2015 [https://www.ester.ee/record=b2908067\\*est](https://www.ester.ee/record=b2908067*est)

### **Division of informatics and engineering**

Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2014 2015 / p. 23-27

### **Division of signs**

**Peirce, Charles S.; Pietarinen, Ahti-Veikko** Sign systems studies = Tõid märgisüsteemide alalt = Труды по знаковым системам 2015 / p. 651-662 : ill <https://doi.org/10.12697/SSS.2015.43.4.16> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Do foreign exchange forecasters believe in Uncovered Interest Parity?**

Cuestas, Juan Carlos; Filipozzi, Fabio; **Staehr, Karsten** Economics letters 2015 / p. 92-95 <https://doi.org/10.1016/j.econlet.2015.05.029> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Do we need Green Analytical Chemistry**

**Koel, Mihkel** Green chemistry 2015 / [9] p. : ill <http://dx.doi.org/10.1039/C5GC02156A>

## **Do visible strategic pricing differences of Nordic and Baltic everyday banking services exist? [Electronic resource]**

**Listra, Enn; Kulla, Gert** 7th International conference "Economic challenges in enlarged Europe" : 14-16 June 2015, Tallinn, Estonia : [conference proceedings] 2015 / [CD-ROM] [http://www.ester.ee/record=b3088567\\*est](http://www.ester.ee/record=b3088567*est)

## **Doctoral School of Energy and Geotechnology II : closing conference of the project : Pärnu, Estonia, January 12-17, 2015**

2015 [https://www.ester.ee/record=b4448632\\*est](https://www.ester.ee/record=b4448632*est)

## **Doktorid 2015 / Tallinna Tehnikaülikool**

2015 [https://www.ester.ee/record=b4535112\\*est](https://www.ester.ee/record=b4535112*est)

## **Doktorikraadi kaitsmised 2014. aastal : [ka TTÜs]**

Eesti põlevloodusvarad ja -jäätmised 2015 = Estonian combustible natural resources and wastes 2015 / lk. 43

## **Doktoritööd : [doktorikraadi kaitsesid Asko Ristolainen, Victor Astapov, Ott Pabut, Reio Pöder ja Sven Siir]**

Mente et Manu 2015 / lk. 17-18 [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

## **Doktoritööd : [doktorikraadi kaitsesid Eneken Titov, Mary-Liis Kütt, Siiri Same ja Artem Rodin]**

Mente et Manu 2015 / lk. 20-21

## **Doktoritööd : [doktorikraadi kaitsesid Ingrid Pappel, Jana Pöldnurk, Irina Klimova, Nicole Delpeche-Ellmann, Kristel Hälvin, Mailis Päre, Jekaterina Kazantseva, Jaanus Suurväli, Nikolai Voltšihhin, Ene Viiard ja Merle Rihma]**

Mente et Manu 2015 / lk. 17-19 [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

## **Doktoritööd : [doktorikraadi kaitsesid Jana Toompuu, Anu Virovere, Kristella Hansen, Tanel Aruväli, Aleksandr Šablinski, Helike Löhela, Andrea Giudici ja Andrei Bogatov]**

Mente et Manu 2015 / lk. 22-23 [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

## **Doktoritööd : [doktorikraadi kaitsesid Jevgeni Sahno, Liisa Liivik, Kazbulat Šogenov, Emiliano Pastorelli, Taavi Raadik, Endrik Arumägi ja Tarvo Niine]**

Mente et Manu 2015 / lk. 23-25 [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

## **Doktoritööd : [doktorikraadi kaitsesid Margus Koor, Alina Gavrijaševa, Mikk Maivel, Kalle Kuusk, Kairit Sirts ja Raimo Kabral]**

Mente et Manu 2015 / lk. 24-25 [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

## **Doktoritööd : [doktorikraadi kaitsesid Normunds Striviņš, Tiina Nuuter, Taavi Salumäe, Aleksandr Aidarov, Erkki Seinre ja Kristina Hunke]**

Mente et Manu 2015 / lk. 28-29 [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

## **Doktoritööd : [doktorikraadi kaitsesid Sigrid Hade, Innokenti Sobolev, Liina Lind, Raivo Attikas, Maija Viška, Kristi Joamets ja Agne Velthut-Meikas]**

Mente et Manu 2015 / lk. 20-21 [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

## **Doktoritööd : [doktorikraadi kaitsesid Yar Muhammad, Riin Savi, Julia Krasulina, Ago Mölder ja Helbe Pödder]**

Mente et Manu 2015 / lk. 17-18 [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

## **Dombi, Erzsebet R.; Hartmann, Miklos. Automatic semigroup acts. J. Algebra 435, 286-307 (2015) : [review]**

**Henno, Jaak** Zentralblatt MATH 2015 / [1] p

## **Domestic hot water profiles for energy calculation in Finnish residential buildings**

Ahmed, Kaiser; Pylsy, Petri; **Kurnitski, Jarek** World Sustainable Energy Days 2015, Young researchers conference : energy efficiency : February 25-26, 2015, Wels, Austria 2015 / [8] p. : ill

## **Double advantage or disadvantage? - Parental education and children's developmental stages in Italy [Online resource]**

**Rebane, Marit** electronic International journal of time use research 2015 / p. 49-72 : ill <http://dx.doi.org/10.13085/eIJTUR.12.1.49-72>

## **Double phase fault collapsing with linear complexity in digital circuits**

**Ubar, Raimund-Johannes; Jürimägi, Lembit; Orasson, Elmet; Josifovska, Galina; Oyeniran, Adeboye Stephen** DSD 2015 : 18th Euromicro Conference on Digital Systems Design : 26-28 August 2015, Funchal, Madeira, Portugal 2015 / p. 700-705 : ill

## **Drivers of Estonian housing market cycles**

Aus, Veronika; **Kolbre, Ene; Kahre, Kristian** Research in economics and business : Central and Eastern Europe 2015 / p. 27-50 : ill [http://www.ester.ee/record=b2941401\\*est](http://www.ester.ee/record=b2941401*est)

#### **Džihadismi vari Euroopas**

**Mölder, Holger** Maailma Vaade 2015 / lk. 9-11 : fot <http://www.maailmavaade.ee/nr-26/dzhadismi-vari-euroopas>  
[http://www.ester.ee/record=b2298429\\*est](http://www.ester.ee/record=b2298429*est)

#### **Dudek, W.A.; Trokhimenko, V.S. The relations of semiadjacency and semicompatibility in $\cap$ -semigroups of transformations. Semigroup Forum 90, No. 1, 113-125 (2015) : [review]**

**Henno, Jaak** Zentralblatt MATH 2015 / [1] p <https://zbmath.org/?t=&s=0&q=06442726>

#### **DyMeP : an infrastructure to support dynamic memory binding for runtime mapping in CGRAs**

**Tajammul, Muhammad Adeel;** Jafri, Syed Mohammad Asad Hassan; **Ellervee, Peeter;** Hemani, Ahmed; Tenhunen, Hannu; Plosila, Juha 28th International Conference on VLSI Design : held concurrently with 14th International Conference on Embedded Systems : 3-7 January 2015, Bangalore, India : proceedings 2015 / p. 547-552 : ill <https://doi.org/10.1109/VLSID.2015.98> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Dynamic control system for electric motor drive testing on the test bench**

**Rassõlkin, Anton; Kallaste, Ants; Vaimann, Toomas** 2015 9th International Conference on Compatibility and Power Electronics (CPE) : proceedings : Faculty of Science and Technology (FCT), Caparica, Lisbon, Portugal, 24-26 June, 2015 2015 / p. 252-257 : ill <http://dx.doi.org/10.1109/CPE.2015.7231082>

#### **Dynamic electrical impedance measurement methods**

**Giannoukos, Georgios; Min, Mart** Engineering Technology, Engineering Education and Engineering Management : 2014 International Conference on Engineering Technology, Engineering Education and Engineering Management (ETEEEM 2014), Guangzhou, China, 15-16 November 2014 / [1] 2015 / p. 379-383 : ill <http://dx.doi.org/10.1201/b18566-91>

#### **Dynamic management framework for continuous improvement of production processes = Tootmisprotsesside pideva parenduse dünaamiline juhtimisraamistik**

**Sahno, Jevgeni** 2015 [https://www.ester.ee/record=b4484604\\*est](https://www.ester.ee/record=b4484604*est)

#### **Earliest known rugosan-stromatoporoid symbiosis from the Llandovery of Estonia (Baltica)**

Vinn, Olev; Wilson, Mark A.; **Toom, Ursula; Mõtus, Mari-Ann** Palaeogeography, Palaeoclimatology, Palaeoecology 2015 / p. 1-5 <https://doi.org/10.1016/j.palaeo.2015.04.023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Early 2015 performance in Baltic Sea ports: Forecasts of Estonian performance for entire year**

Hilmola, Olli-Pekka Kristian; **Tolli, Andres** Transport and Telecommunication 2015 / p. 183 - 189 <https://doi.org/10.1515/tjt-2015-0016> [Journal metrics at Scopus](#) [Article at Scopus](#)

#### **Eastman Specialties toetab tudengeid**

Põhjarannik 2015 / lk. 3

#### **EATAW 2015. 8th Biennial Conference of the European Association for the Teaching of Academic Writing : academic writing in multiple scholarly, socio-cultural, instructional and disciplinary contexts : challenges and perspectives : 15-17 June 2015, Tallinn University of Technology : conference programme**

2015 [http://www.ester.ee/record=b4483732\\*est](http://www.ester.ee/record=b4483732*est)

#### **E-citizenship as a tool to increase European identity**

**Roots, Lehte** Democratic governance and active citizenship in European Union 2015 / p. 101-119

#### **The ecological impact of conquest and colonization on a medieval frontier landscape : combined palynological and geochemical analysis of lake sediments from Radzyń Chełmiński, Northern Poland**

Brown, Alex; Banerjea, Rowena; Wynne, Amanda Dawn; **Stivriņš, Normunds;** Jarzebowski, Marc; Shillito, Lisa-Marie; Pluskowski, Aleks Geoarchaeology 2015 / p. 511 - 527 <https://doi.org/10.1002/gea.21525> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Ecological network as a multi-level spatial planning tool for biodiversity conservation : analysis of an Estonian case study**

**Tillemann, Kadri;** Suškevičs, Monika; Külvik, Mart Tiltai 2015 / p. 83-98 : ill <http://dx.doi.org/10.15181/tbb.v69i1.1052>

#### **Economic consequences of location : European integration and crisis recovery reconsidered**

**Kattel, Rainer** Real-world economics review 2015 / p. 135-146 : ill <http://www.paecon.net/PAEReview/issue72/Kattel72.pdf>

#### **Economic development and evolving state capacities in Central and Eastern Europe : can "smart specialization" make a difference?**

**Karo, Erkki; Kattel, Rainer** Journal of economic policy reform 2015 / p. 172-187 <https://doi.org/10.1080/17487870.2015.1009068>

**Economic growth and convergence in the Baltic States : caught in a middle-income trap?**

**Staehr, Karsten** Intereconomics 2015 / p. 274-280 : ill <https://doi.org/10.1007/s10272-015-0551-1> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Economic security of enterprise and the system of its ensuring**

Ianioglo, Alina; **Põlajeva, Tatjana**; Parmacli, Dmitri Scientific Conference Contemporary Issues in Business, Management and Education 2015 : selected papers : 12-13 November 2015, Vilnius, Lithuania 2015 / p. 1-8 : ill <http://dx.doi.org/10.3846/cibme.2015.05>

**eContractual choreography-language properties towards cross-organizational business collaboration**

**Norta, Alexander; Ma, Lixin**; Duan, Yucong; **Rull, Addi**; **Kõlvart, Merit**; **Taveter, Kuldar** Journal of Internet services and applications 2015 / p. 1-23 : ill <https://doi.org/10.1186/s13174-015-0023-7> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Editorial - IEA-ECES Annex 31 special issue on thermal energy storage**

**Kurnitski, Jarek**; Haghighat, Fariborz; Mirzaei, Parham A. Energy and buildings 2015 / p. 1-2 <https://doi.org/10.1016/j.enbuild.2015.08.024> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Editorial : politics, the economy and their moralities [Online publication]**

**Polese, Abel** Studies of transition states and societies 2015 / p. 1-3 <http://publications.tlu.ee/index.php/stss/article/view/262>  
[http://www.ester.ee/record=b2539555\\*est](http://www.ester.ee/record=b2539555*est)

**Editorial notes : public policy proposals for a society of the commons**

Dafermos, George; **Kostakis, Vasileios** Journal of peer production 2015 <http://peerproduction.net/issues/issue-7-policies-for-the-commons/editorial-notes/>

**Editorial preface**

**Pietarinen, Ahti-Veikko** Synthese 2015 / p. 877-879 <http://dx.doi.org/10.1007/s11229-014-0656-2>

**Eduard Schults - pinginaaber ja sõber**

Saul, Bruno Meie aeg : [mälestused]. 4 2015 / lk. 158-160 : fot

**Education and the disposition effect [Electronic resource]**

**Vaarmets, Tarvo; Liivamägi, Kristjan; Talpsepp, Tõnn** 7th International conference "Economic challenges in enlarged Europe" : 14-16 June 2015, Tallinn, Estonia : [conference proceedings] 2015 / [CD-ROM] [http://www.ester.ee/record=b3088567\\*est](http://www.ester.ee/record=b3088567*est)

**Educational computer game for cyber security : game concept [Online resource]**

**Sõmer, Tiia** Proceedings of the 1st Interdisciplinary Cyber Research Workshop 2015 : 18th of July 2015, Tallinn University of Technology 2015 / p. 17-19 <http://cybercentre.cs.ttu.ee/en/icr2015/>

**Educational decision-making about curriculum development, environments and economics of education**

**Läänemets, Urve; Rüütmann, Tiia** Proceedings of 2015 IEEE Global Engineering Education Conference (EDUCON) : 18-20 March 2015, Tallinn University of Technology (TUT), Tallinn, Estonia 2015 / p. 764-767 : ill <http://dx.doi.org/10.1109/EDUCON.2015.7096056>

**E-ehitus - ehitussektori innovatsioon**

**Sulakatko, Virgo** Sirp 2015 / lk. 30 <https://www.sirp.ee/s1-artiklid/arhitektuur/e-ehitus-ehitussektori-innovatsioon/>

**Eelarvamused teadlastest**

Bender, Toomas Studioosus 2015 / lk. 18-19 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

**Eelisolleeritud torudest kaugküttesüsteemide projekteerimine ja paigaldamine [Võrguteavik] = Design and installation of preinsulated bonded pipe systems for district heating**

2015 [http://www.ester.ee/record=b4460135\\*est](http://www.ester.ee/record=b4460135*est)

**Eessõna**

**Soomere, Tarmo** Eesti Vabariigi preemiad 2015 : teadus. F. J. Wiedemanni keeleauhind. Kultuur. Sport 2015 / lk. 6-10 [https://www.ester.ee/record=b1226072\\*est](https://www.ester.ee/record=b1226072*est)

**Eessõna**

**Otto, Tauno** Rein Küttner : bibliograafia 2015 / lk. 7-9 [https://www.ester.ee/record=b4523385\\*est](https://www.ester.ee/record=b4523385*est)

**[Eessõna erinumbrile : finantsvaldkonna õigusprobleemid]**

**Siibak, Kadri** Juridica 2015 / lk. 305 [https://www.juridica.ee/juridica\\_et.php?year=2015&number=5](https://www.juridica.ee/juridica_et.php?year=2015&number=5) [http://www.ester.ee/record=b1072308\\*est](http://www.ester.ee/record=b1072308*est)

**Eesti 100 % elektromobiilseks**

**Simson, Taavi** Äripäev 2015 / lk. 15 <https://www.aripaev.ee/arvamus/2015/01/24/eesti-100-elektromobiilseks>

### **Eesti arengumudeli tulevik : mis meid edasi viiks?**

**Karo, Erkki; Kattel, Rainer; Lember, Veiko** Lõksudest välja? 2015 / lk. 57-66 : ill <http://www.kogu.ee/wp-content/uploads/2015/06/EIA-2015.pdf> [http://www.ester.ee/record=b4482495\\*est](http://www.ester.ee/record=b4482495*est)

### **Eesti arhitektuuripreemiad 2015**

Karro-Kalberg, Merle Sirp 2015 / lk. 28-29 : fot <https://www.sirp.ee/s1-artiklid/arhitektuur/eesti-arhitektuuripreemiad-2015/>

### **Eesti avaliku teenistuse koolitusvajaduse hindamise õppetunnid Euroopa Liidu alase koolitusvajaduse uuringute põhjal [Võrguväljaanne]**

**Veebel, Viljar**; Kulu, Liina; **Hurt, Ulrika** Eesti Haridusteaduste Ajakiri = Estonian Journal of Education 2015 / lk. 103-126 <http://dx.doi.org/10.12697/eha.2015.3.1.05>

### **Eesti elektrifitseerimise lugu**

Alak, Hilja; Hausmann, Roomet 2015 [https://www.ester.ee/record=b3050085\\*est](https://www.ester.ee/record=b3050085*est)

### **Eesti elektrisüsteemi ülekandevõrgu koormuste staatilised ja dünaamilised karakteristikud : uurimistöö 1.1-4/2015/227 / Lep 15066 I etapi lõpparuanne [Võrguteavik]**

**Treufeldt, Ülo; Leinakse, Madis; Salumäe, Uku; Sarnet, Tanel; Meldorf, Mati; Kilter, Jako**; Reinson, Andrus; **Drovtar, Imre** 2015 [http://elering.ee/public/Infokeskus/Uuringud/Koormuste\\_karakteristikud.pdf](http://elering.ee/public/Infokeskus/Uuringud/Koormuste_karakteristikud.pdf)

### **Eesti Energia Kaevanduste stipendiumi pälvis kuus geotehnoloogia tudengit : [lühisõnum]**

Põhjarannik 2015 / lk. 3

### **Eesti Energia pakub suveks ligi 100 praktikakohta**

Lindpere, Mirjam Studioosus 2015 / lk. 26 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

### **Eesti fosforiiti tuleb uurida, muidu uurivad teised meie eest**

**Soesoo, Alvar** Inseneria 2015 / lk. 22-26 : ill [https://artiklid.elnet.ee/record=b2748898\\*est](https://artiklid.elnet.ee/record=b2748898*est)

### **Eesti heaolupoliitika uuemate heaolukäsitluste taustal**

**Lauri, Triin**; Toots, Anu Lõksudest välja? 2015 / lk. 20-25 : ill <http://www.kogu.ee/wp-content/uploads/2015/06/EIA-2015.pdf> [http://www.ester.ee/record=b4482495\\*est](http://www.ester.ee/record=b4482495*est)

### **Eesti inimvara : kas säästa, investeerida või laenata? : [vestlusringis Jaak Aaviksoo, Yoko Alender, Andres Ammas jt.]**

**Aaviksoo, Jaak**; Alender, Yoko; Ammas, Andres Riigikogu Toimetised 2015 / lk. 7-15 : ill [https://artiklid.elnet.ee/record=b2729397\\*est](https://artiklid.elnet.ee/record=b2729397*est)

### **Eesti Inseneride Liit ja Soojustehnikainseneride Selts**

Jõgisu, Eimar OAS-65 inseneriteel : TPI soojusenergeetika kateedri 1965. aasta vilistlaste meenutusi ja mõtisklusi tudengiajast, õppejõududest, üksteisest, inseneritööst 2015 / lk. 65-66 : ill [https://www.ester.ee/record=b4535813\\*est](https://www.ester.ee/record=b4535813*est)

### **Eesti IT-projektid võistlevad teadusmaailma tipus**

Aljas, Riin Eesti Päevaleht 2015 / lk. 2-3 <https://epl.delfi.ee/artikkel/70762575/eesti-it-projektid-voistlevad-teadusmaailma-tipus>

### **Eesti keelekeskkonna agendipõhine modelleerimine [Võrguväljaanne]**

Ehala, Martin; **Taveter, Kuldar** Generatiivse grammatika grupi juubelikoosolek 18.12.2015 : teesid 2015 / lk. 28-29 [https://dSPACE.ut.ee/bitstream/handle/10062/50296/GGG\\_juubelikoosolek\\_teesid\\_2015.pdf?sequence=1&isAllowed=y](https://dSPACE.ut.ee/bitstream/handle/10062/50296/GGG_juubelikoosolek_teesid_2015.pdf?sequence=1&isAllowed=y)

### **Eesti kliima ja keskkonnaseisundi võimalike muutuste hindamine atmosfääri-, mere- ja jõgede äravoolu dünaamiliste mudelite tulemuste põhjal (EstKliima)**

**Raudsepp, Urmas**; Jaagus, Jaak; **Alari, Victor**; **Laanemets, Jaan**; **Maljutenko, Ilja**; **Reihan, Alvina**; **Sepp, Mait** Keskkonnakaitse ja -tehnoloogia teadus- ja arendustegevuse programmi teaberaamat 2010-2015 2015 / lk. 88-94 : ill [https://www.ester.ee/record=b4520841\\*est](https://www.ester.ee/record=b4520841*est)

### **Eesti konkurentsieelis võiks olla e-laevaregister**

**Niit, Jane** Paat & Meremees 2015 / lk. 95-96 : fot [https://artiklid.elnet.ee/record=b2751210\\*est](https://artiklid.elnet.ee/record=b2751210*est)

### **Eesti kui Euroopa kõige dünaamilisem riik?**

**Lember, Veiko** Õhtuleht 2015 / lk. 8 <https://www.oh tuleht.ee/688331/veiko-leMBER-eesti-kui-euroopa-koige-dunaamilisem-riik>

### **Eesti kui väikese üleminekuühiskonna perepoliitika - ei uus Põhjale ega vana Euroopa**

**Pöder, Kaire**; **Lauri, Triin**; **Kroos, Karmo** Riigikogu Toimetised 2015 / lk. 168-183 : ill [https://artiklid.elnet.ee/record=b2729462\\*est](https://artiklid.elnet.ee/record=b2729462*est)

### **Eesti majanduspoliitilised väitlused : arengud ja ümberstruktureerimine : [artiklite kokkuvõtted]**

2015 [https://www.ester.ee/record=b4534128\\*est](https://www.ester.ee/record=b4534128*est)

**Eesti majanduspoliitilised väitlused : arengud pingestunud maailmamajanduses : [artiklite kokkuvõtted]**

2015 [https://www.ester.ee/record=b4502079\\*est](https://www.ester.ee/record=b4502079*est)

**Eesti Meremeeste Liidu aastakoosolek : EML vanemaks valiti taas Heino Tohver**

Paat & Meremees 2015 / lk. 95 [https://artiklid.elnet.ee/record=b2728355\\*est](https://artiklid.elnet.ee/record=b2728355*est)

**Eesti Meremuuseumi hoone Lennusadamas : [Eesti Kultuurkapitali aastapreemia 2012 KOKO Arhitektidele] = Estonian Maritime Museum in the Tallinn Seaplane Harbour**

Eesti arhitektuur 2012-2013 : Kultuurkapitali arhitektuuripreemiade nominendid = Estonian architecture 2012-2013 : nominees for the Cultural Endowment architecture awards 2015 / lk. 22-31 : ill

**Eesti merendusosalane seadusandlus vajab kodifitseerimist**

Alop, Anatoli Paat & Meremees 2015 / lk. 82-83 [https://artiklid.elnet.ee/record=b2718660\\*est](https://artiklid.elnet.ee/record=b2718660*est)

**Eesti Merendusorganisatsioonid valisid aasta mereharija**

Laende, Janno Paat & Meremees 2015 / lk. 94-95 : fot

**Eesti noored leiutasid maailma esimese juhita sõitva jalgratta : [TTÜ kasvandikud Kristjan Maruste ja Welix Klaasi juhtimisel]**

Kaldmaa, Urmas; Karlep, Ivo Pealinn 2015 / lk. 9

**Eesti pimadam pool : elektrifirma suured projektid jätavad tavatarbija vaeslapseks**

Rajangu, Väino Pealinn 2015 / lk. 4-5

**Eesti poolloodusliku rohumaa turuväline väärtus : tingliku hindamise uuring**

Lepasaar, Helli; Ehrlich, Üllas Eesti majanduspoliitilised väitlused : arengud ja ümberstruktureerimine. 2 2015 / lk. 35-41

**Eesti põhiseaduse ja Huno Rätsepa raamatu koht eesti kirjandusmaastikul [Võrguväljaanne]**

Tamme, Tõnu; Rull, Addi; Võhandu, Leo Generatiivse grammatika grupi juubelikoosolek 18.12.2015 : teesid 2015 / lk. 18-19 : ill [https://dSPACE.ut.ee/bitstream/handle/10062/50296/GGG\\_juubelikoosolek\\_teesid\\_2015.pdf?sequence=1&isAllowed=y](https://dSPACE.ut.ee/bitstream/handle/10062/50296/GGG_juubelikoosolek_teesid_2015.pdf?sequence=1&isAllowed=y)

**Eesti põhiseaduse lingvistiline analüüs [Võrguväljaanne]**

Rull, Addi; Tamme, Tõnu; Võhandu, Leo 14. rakenduslingvistika kevadkonverents "Sõna ja grammatika" : 23.-24. aprill 2015, Tallinn : teesid = EAAL 14th Annual Conference "Lexis and grammar" : April 23-24, 2015, Tallinn, Estonia : abstracts 2015 / lk. 23 <http://www.rakenduslingvistika.ee/ul/files/Teesid-2015.pdf>

**Eesti põlevkivi töötlemine : mäeinseneride õppematerjal**

Jürs, Ernst 2015 [https://www.ester.ee/record=b4445073\\*est](https://www.ester.ee/record=b4445073*est) <https://digikogu.taltech.ee/et/Item/d5d13b05-c06c-4174-936d-b9b16e8ecbfd>

**Eesti robot läheb laevavrakke uurima : [TTÜs väljatöötatud robotist]**

Gnadenteich, Uwe Postimees 2015 / lk. 6 <https://www.postimees.ee/3271137/eesti-robot-laheb-laevavrakke-uurima>

**Eesti sai esimese 3D-metallprinteri**

Ehitaja 2015 / lk. 34

**Eesti satelliidipark saab täiendust**

Aru, Erik Inseneeria 2015 / lk. 10-11 : fot [https://artiklid.elnet.ee/record=b2738562\\*est](https://artiklid.elnet.ee/record=b2738562*est)

**Eesti teadlane teab teed selgeima veega järve juurde : [TTÜ teadlane Enn Kaup Antarktikas]**

Aarma, Jüri; Kaup, Enn Maaleht 2015 / lk. 32-33 <https://maaleht.delfi.ee/artikkel/70988267/eesti-teadlane-teab-teed-selgeima-veega-jarve-juurde>

**Eesti teaduse populariseerimise auhind : [autasu saanute nimekiri : autasustatuid ka TTÜst]**

Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2014 2015 / lk. 49-50

**Eesti teaduse tippkeskuste nõukogu**

Engelbrecht, Jüri Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2014 2015 / lk. 36-37

**Eesti teaduskeel paneb muretsema**

Rajangu, Väino Õpetajate Leht 2015 / lk. 4 <https://opleht.ee/2015/04/eesti-teaduskeel-paneb-muretsema/>

**Eesti teadustaristute teekaart 2014**

2015 [https://www.ester.ee/record=b5236321\\*est](https://www.ester.ee/record=b5236321*est)

**Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2014**  
2015

**Eesti Teaduste Akadeemia maja = Estonian Academy of Sciences Building**  
Hallas-Murula, Karin; Tilk, Maria 2015 [https://www.ester.ee/record=b4524100\\*est](https://www.ester.ee/record=b4524100*est)

#### **Eesti uudised**

Inseneeria 2015 / lk. 49 : fot

#### **Eesti uus lootus saada naftariigiks : seekord põlevkivi abil**

Aru, Erik Inseneeria 2015 / lk. 19 [https://artiklid.elnet.ee/record=b2738566\\*est](https://artiklid.elnet.ee/record=b2738566*est)

#### **Eesti Vabariigi 97. aastapäeva puhul tunnustab president Toomas Hendrik Ilves teenetemärgiga 99 inimest : [TTÜst Ahto Buldas, Tõnis Kanger ja Toomas Rang]**

Maaleht 2015 / lk. 10-11 <https://maaleht.delfi.ee/artikkel/70719845/eesti-vabariigi-97-aastapaeva-puhul-tunnustab-president-ilves-teenetemargiga-99-inimest>

#### **Eesti Vabariigi preemiad 2015 : teadus. F. J. Wiedemanni keeleauhind. Kultuur. Sport** 2015

#### **Eesti vormeliehitajad : ehitame veel kergema ja kiirema auto**

Liimal, Kadri Inseneeria 2015 / lk. 32-36 : fot [https://artiklid.elnet.ee/record=b2745542\\*est](https://artiklid.elnet.ee/record=b2745542*est)

#### **Eesti ülikoolid päästab ähvardavast rahahädast mõistlik tööjaotus**

Aaviksoo, Jaak Eesti Päevaleht 2015 / lk. 10 <https://epl.delfi.ee/artikkel/73298253/eesti-ulikoolid-paastab-ahvardavast-rahahadast-moistlik-toojaotus>

#### **Eestil pole maapõue seadust**

Reinsalu, Enno XXIII aprillikonverents "Eesti maapõue strateegiast" : teesid 2015 / lk. 9-11

#### **Eestimaa rändrahnud - loodusmälestised**

Pirrus, Enn-Aavo Kalender 2016 2015 / lk. 89-99 : ill., kaart

#### **Eestis leiutatud neutriino**

Proosi, Almar Inseneeria 2015 / lk. 18-20, 22 : fot [https://artiklid.elnet.ee/record=b2725585\\*est](https://artiklid.elnet.ee/record=b2725585*est)

#### **Eestis oktoobris-detsembris 2014 kaitstud tehnoloogia-, tootmise- ja ettevõtlusealased doktoritööd : [TTÜst Nikolai Voltšihin, Liina Lind, Nicole Delpeche-Ellmann, Irina Klimova, Ene Viiard ja Merle Rihma]**

Inseneeria 2015 / lk. 44-47 [https://artiklid.elnet.ee/record=b2711268\\*est](https://artiklid.elnet.ee/record=b2711268*est)

#### **Eestis pühitseti ametisse Teaduste Akadeemia uus president : [Tarmo Soomere]**

Eesti Elu : [Kanada ajaleht] 2015 / lk. 2

#### **Eestisse luuakse maailmatasemel teaduskeskus : [Tartu Ülikooli, Tallinna Tehnikaülikooli ja Edinburghi Ülikooli tippkeskus]**

Puuraid, Piia Eesti Päevaleht 2015 / lk. 4 <https://epl.delfi.ee/artikkel/72646207/eestisse-luuakse-maailmatasemel-teaduskeskus>

#### **Eestit võeti tänavusel kosmosekongressil kui võrdset võrdsete seas**

Inseneeria 2015 / lk. 42 : fot [https://artiklid.elnet.ee/record=b2748918\\*est](https://artiklid.elnet.ee/record=b2748918*est)

#### **Eestlase tervise tulevik: kas paks, poolpime ja -kurt, kõvera kaelaga ning depressioonis?**

Viiron, Kristiina; Viigimaa, Margus Eesti Päevaleht 2015 / lk. 18-19

#### **Eestlaste teine idee : Euroopa esimesed üheskoos targad linnad : [võimaliku Eesti-Soome uue teaduskeskuse loomisest Rainer Katteli juhtimisel]**

Aljas, Riin Eesti Päevaleht 2015 / lk. 3 <https://epl.delfi.ee/artikkel/70762327/eestlaste-teine-idee-euroopa-esimesed-uheskoos-targad-linnad>

#### **Eestluse hauakaevajate biograafiline leksikon**

2015 [https://www.ester.ee/record=b4552167\\*est](https://www.ester.ee/record=b4552167*est)

#### **EETELi algusaastatest**

Teemets, Raivo Elektriala 2015 / lk. 8-9 : ill [https://artiklid.elnet.ee/record=b2725525\\*est](https://artiklid.elnet.ee/record=b2725525*est)

#### **Efektivse riigihalduse otsinguil : riigipidamise kava**

Taro, Külli Lõksudest välja? 2015 / lk. 250-254 [http://www.ester.ee/record=b4482495\\*est](http://www.ester.ee/record=b4482495*est) <http://www.kogu.ee/wp->

**Effect of atomic layer deposited aluminium oxide on mechanical properties of porous silicon carbide**

Jõgiaas, Taivo; **Kollo, Lauri**; Kozlova, Jekaterina; Tamm, Aile; **Hussainova, Irina**; Kukli, Kaupo Ceramics international 2015 / p. 7519-7528 : ill <https://doi.org/10.1016/j.ceramint.2015.02.074> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Effect of carbide phase and binder chemical composition on surface fatigue of carbide composites [Electronic resource]**

**Petrov, Mihail**; **Kübarsepp, Jakob**; **Sergejev, Fjodor**; **Viljus, Mart** Euro PM2015 Congress & Exhibition : proceedings : 4-7 October 2015, Reims Congress Centre, Reims, France 2015 / [6] p. : ill. [USB]

**Effect of CdCl<sub>2</sub> annealing treatment on structural and optoelectronic properties of close spaced sublimation CdTe/CdS thin film solar cells vs deposition conditions**

**Spalatu, Nicolae**; **Hiie, Jaan**; **Mikli, Valdek**; **Krunks, Malle**; **Valdna, Vello**; **Maticiu, Natalia**; **Raadik, Taavi**; Caraman, Mihail Thin solid films 2015 / p. 128-133 : ill <http://dx.doi.org/10.1016/j.tsf.2014.11.066> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Effect of chemical modification of wood flour on the mechanical properties of wood-plastic composites**

**Kallakas, Heikko**; **Shamim, M. A.**; **Olutubo, T.**; **Poltimäe, Triinu**; **Süld, Tiia-Maaja**; **Krumme, Andres**; **Kers, Jaan** Agronomy research 2015 / p. 639-653 : ill [https://agronomy.emu.ee/vol133/13\\_3\\_2\\_B5.pdf](https://agronomy.emu.ee/vol133/13_3_2_B5.pdf) [Journal metrics at Scopus](#) [Article at Scopus](#)

**Effect of chemical modification of wood flour on the mechanical properties of wood-plastic composites [Electronic resource]**

**Kallakas, Heikko**; **Shamim, M. A.**; **Olutubo, T.**; **Poltimäe, Triinu**; **Süld, Tiia-Maaja**; **Krumme, Andres**; **Kers, Jaan** 6th International Conference Biosystems Engineering 2015 : 7-8 May 2015, Tartu, Estonia : book of abstracts 2015 / p. 94. [CD-ROM] [http://bse.emu.ee/BSE2015\\_Book%20of%20ABSTRACTS\\_ISBN.pdf](http://bse.emu.ee/BSE2015_Book%20of%20ABSTRACTS_ISBN.pdf)

**Effect of coffee on EEG spectral asymmetry**

**Saifudinova, Maie**; **Bachmann, Maie**; **Lass, Jaanus**; **Hinrikus, Hiie** World Congress on Medical Physics and Biomedical Engineering, June 7–12, 2015, Toronto, Canada 2015 / p. 1030-1033 [https://doi.org/10.1007/978-3-319-19387-8\\_251](https://doi.org/10.1007/978-3-319-19387-8_251) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Effect of different ionic liquids on the conductivity of electrospun polyacrylonitrile membranes**

**Savest, Natalja**; **Krumme, Andres**; **Viirsalu, Mihkel**; **Küppar, Kadi-Anne** Baltic Polymer Symposium 2015 : Sigulda, Latvia, September 16-18 : programme and proceedings 2015 / p. 91

**Effect of different temperature-time combinations in kerogen pyrolysis to thermobitumen and oil**

**Šarajeva, Galina**; **Luik, Lea**; **Luik, Hans** International journal of environmental engineering 2015 / p. 174-181 : ill <http://seekdl.org/nm.php?id=5785>

**Effect of glacial drainage water on the CO<sub>2</sub> system and ocean acidification state in an Arctic tidewater-glacier fjord during two contrasting years**

Fransson, Agneta; Chierici, Melissa; Nomura, Daiki; Granskog, Mats A.; Kristiansen, Svein; **Martma, Tõnu**; Nehrke, Gernot Journal of Geophysical Research: Oceans 2015 / p. 2413 - 2429 <https://doi.org/10.1002/2014JC010320> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Effect of hard cyclic viscoplastic deformation on phases chemical composition and micromechanical properties evolution in single crystal Ni-based superalloy**

**Kommel, Lembit** Acta physica polonica A 2015 / p. 681-683 : ill <https://doi.org/10.12693/APhysPolA.128.681> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

**Effect of mechanical stress on excess loss of electrical steel sheets**

Singh, Deepak; Rasilo, Paavo; Martin, Florian; **Belahcen, Anouar**; Arkkio, Antero IEEE transactions on magnetism 2015 / [4] p. : ill <http://dx.doi.org/10.1109/TMAG.2015.2449779>

**Effect of methionine-35 oxidation on the aggregation of amyloid- $\beta$  peptide**

**Friedemann, Merlin**; **Helk, Eneken**; **Tiiman, Ann**; **Zovo, Kairit**; **Palumaa, Peep**; **Tõugu, Vello** Biochemistry and biophysics reports 2015 / p. 94-99 : ill <http://dx.doi.org/10.1016/j.bbrep.2015.07.017>

**Effect of negative and positive emotions on EEG spectral asymmetry**

**Päeske, Laura**; **Bachmann, Maie**; **Lass, Jaanus**; **Hinrikus, Hiie** 2015 37th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC) 2015 / p. 8107 - 8110 <https://doi.org/10.1109/EMBC.2015.7320275> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Effect of PM parameters variability on the operation quantities of a wind generator**

**Kallaste, Ants**; **Belahcen, Anouar**; **Vaimann, Toomas** 2015 IEEE Workshop on Electrical Machines Design, Control and Diagnosis (WEMDCD) : proceedings : Castello del Valentino, Torino, Italy, 26-27 March, 2015 2015 / p. 242-247 : ill

<http://dx.doi.org/10.1109/WEMDCD.2015.7194536>

**Effect of solution composition on anatase to rutile transformation of sprayed TiO<sub>2</sub> thin films**

Juma, Albert Owino; Oja Acik, Ilona; Mikli, Valdek; Mere, Arvo; Krunk, Malle Thin solid films 2015 / p. 287-292 : ill  
<https://doi.org/10.1016/j.tsf.2015.03.036> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Effect of temperature on sliding and erosive wear of fiber reinforced polyimide hybrids**

Zhao, Gai; Hussainova, Irina; Antonov, Maksim; Wang, Qihua; Wang, Tingmei; Yung, Der-Liang Tribology international 2015 / p. 525-533 : ill <https://doi.org/10.1016/j.triboint.2014.01.019> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Effect of WC grain size and content on low stress abrasive wear of manual arc welded hardfacings with low-carbon or stainless steel matrix**

Jankauskas, Vytenis; Antonov, Maksim; Varnauskas, Valentinas; Skirkus, Remigijus; Goljandin, Dmitri Wear 2015 / p. 378-390 : ill  
<https://doi.org/10.1016/j.wear.2015.02.063> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The effects of clear-cut on net nitrogen mineralization and nitrogen losses in a grey alder stand**

Becker, Harro; Uri, Veiko; Aosaar, Jürgen; Varik, Mats; Mander, Ülo; Soosaar, Kaido; Hansen, Raili; Teemusk, Alar; Morozov, Gunnar; Kutti, Sander; Lohmus, Krista Ecological Engineering 2015 / p. Elsevier <https://doi.org/10.1016/j.ecoleng.2015.10.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The effects of electoral rules on public finances : taking stock**

Raudla, Ringa Taking up the challenge! : festschrift for Jürgen Backhaus 2015 / p. 105-140

**Efficiency control for adjustment of number of working pumps in multi-pump system**

Bakman, Ilja; Gevorkov, Levon; Vodovozov, Valery 2015 9th International Conference on Compatibility and Power Electronics (CPE) : proceedings : Faculty of Science and Technology (FCT), Caparica, Lisbon, Portugal, 24-26 June, 2015 2015 / p. 396-402 : ill  
<http://dx.doi.org/10.1109/CPE.2015.7231108>

**Efficient use of a translation start codon in BDNF exon I**

Koppel, Indrek; Tuvikene, Jürgen; Lekk, Ingrid; Timmusk, Tõnis Journal of neurochemistry 2015 / p. 1015-1025 : ill  
<https://doi.org/10.1111/jnc.13124> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Egert Milder : [laulja, Tudengite Eurovisiooni 2010 võitja]**

Studioosus 2015 / lk. 10 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

**E-health : knowledge generation, value intangibles, and intellectual capital**

Miller, Leon International journal of healthcare management 2015 / p. 100-111 <https://doi.org/10.1179/2047971914Y.0000000094> [Journal metrics at Scopus](#) [Article at Scopus](#)

**E-Health Innovations in Estonia**

Ross, Peeter Cardiology 2015 / p. 14 <https://www.karger.com/Article/Abstract/431110>

**Ehitiste renoveerimine**

Õiger, Karl 2015 [http://www.ester.ee/record=b4463874\\*est](http://www.ester.ee/record=b4463874*est)

**Ehituses kasutatavad puitplaadid [Võrguteavik] : omadused, vastavushindamine ja märgistamine = Wood-based panels for use in construction : characteristics, evaluation of conformity and marking**

2015 [http://www.ester.ee/record=b4512208\\*est](http://www.ester.ee/record=b4512208*est)

**Ehitusfüüsika ja energiatõhususe teadustaristu**

Kalamees, Targo Liginullenergiahooned täna ja homme : artiklite kogumik 2015 / lk. 20-26 : ill

**Ehitusjooksu uus stardipakk**

Strandberg, Marek Inseneeria 2015 / lk. 4

**Ehituslik põletatud põlevkivi [Võrguteavik] : spetsifikatsioon, toimivus ja vastavus = Burnt shale for building materials : specification, performance and conformity**

2015 [http://www.ester.ee/record=b4531783\\*est](http://www.ester.ee/record=b4531783*est)

**Ehitusmaavarade varustuskindlus Maanteeameti objektidele : II etapp [Võrguväljaanne]**

Kaal, Tiit; Kaal, Luule; Kendra, Ain; Ritsberg, Kersti 2015  
[https://www.mnt.ee/sites/default/files/survey/mava\\_lopparuanne\\_231115\\_uus\\_erc\\_0.pdf](https://www.mnt.ee/sites/default/files/survey/mava_lopparuanne_231115_uus_erc_0.pdf)

**Ehitusteaduskonda juhib Siim Idnurm**

Ehitaja 2015 / lk. 6

**800-Year ice-core record of nitrogen deposition in Svalbard linked to ocean productivity and biogenic emissions**

Wendl, Isabel A.; Eichler, Anja; Isaksson, Elisabeth; **Martma, Tõnu**; Schwikowski, Margit Atmospheric Chemistry and Physics 2015 / p. 7287 - 7300 <https://doi.org/10.5194/acp-15-7287-2015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Ein historischer Krimi aus Estland**

**Kaljund, Kristel** Jahrbuch für finnisch-deutsche Literaturbeziehungen : Mitteilungen aus der Deutschen Bibliothek 2015 / S. 206-208

**Eksaminandile matemaatika riigieksamist 2015**

Uudelepp, Helgi; **Lõhmus, Ahto** 2015 [https://www.ester.ee/record=b1442174\\*est](https://www.ester.ee/record=b1442174*est)

**Eksperthinnang : "Ülerõhu piirväärtuste ning ohualade määramine"**

**Tomberg, Tõnu**; **Idla, Katrin**; **Strandberg, Marek** 2015

[https://www.siseministeerium.ee/sites/default/files/dokumendid/Uuringud/Ennetus/2015\\_stratek\\_eksperthinnang\\_ylerohu\\_piirvaartust.pdf](https://www.siseministeerium.ee/sites/default/files/dokumendid/Uuringud/Ennetus/2015_stratek_eksperthinnang_ylerohu_piirvaartust.pdf)

**Ekstreemne rahastus tekitab teadlastes pingeid : [ka Ringa Raudla sõnade põhjal]**

Säde, Merilyn; **Raudla, Ringa** Universitas Tartuensis : UT : Tartu Ülikooli ajakiri 2015 / lk. 20-22

[https://artiklid.elnet.ee/record=b2719098\\*est](https://artiklid.elnet.ee/record=b2719098*est)

**EKVÜ sai uue eestseisuse ja juhatuse**

Ehitaja 2015 / lk. 11 : fot

**EKVÜ stipendium jagatud**

EhitusEST 2015 / lk. 38 : fot

**EKVÜ valis uue eestseisuse**

EhitusEST 2015 / lk. 46

**El Acta Única Europea**

**Ramiro Troitino, David**; **Kerikmäe, Tanel**; **Chochia, Archil** Pasado, presente y futuro de la Unión Europea 2015 / p. 34-38

**El concepto de soberanía compartida**

**Ramiro Troitino, David**; **Kerikmäe, Tanel** Pasado, presente y futuro de la Unión Europea 2015 / p. 181-189

**El Consejo europeo y el Consejo de la Unión Europea**

**Ramiro Troitino, David**; **Kerikmäe, Tanel**; **Chochia, Archil** Pasado, presente y futuro de la Unión Europea 2015 / p. 119-124

**El Parlamento europeo**

**Ramiro Troitino, David**; **Kerikmäe, Tanel**; **Chochia, Archil** Pasado, presente y futuro de la Unión Europea 2015 / p. 112-118

**El sistema judicial europeo**

**Nyman-Metcalf, Katrin Merike** Pasado, presente y futuro de la Unión Europea 2015 / p. 125-130

**El Tratado de Roma de la CEE y EURATOM 1957**

**Ramiro Troitino, David**; **Kerikmäe, Tanel**; **Chochia, Archil** Pasado, presente y futuro de la Unión Europea 2015 / p. 29-33

**Elav ruum : sajand Eesti arhitektuuri = Space in motion : a century of Estonian architecture**

2015 [https://www.ester.ee/record=b4526515\\*est](https://www.ester.ee/record=b4526515*est)

**Electric field distribution in glass and porcelain pin insulators [Electronic resource]**

**Taklaja, Paul**; **Kiitam, Ivar**; **Niitsoo, Jaan**; Hyvönen, Petri; Klüss, Joni 2015 IEEE 15th International Conference on Environment and Electrical Engineering : conference proceedings : June 10-13, 2015, Rome 2015 / p. 267-271 : ill. [CD-ROM]

<http://dx.doi.org/10.1109/EEEIC.2015.7165550>

**Electrical bioimpedance based monitoring of cardiac and respiratory activity : positioning of capacitive electrodes for wearable human monitoring device**

**Metshein, Margus**; **Parve, Toomas** International journal of bioelectromagnetism 2015 / p. 64-74 : ill

**Electrical characterization of annealed chemical-bath-deposited CdS films and their application in superstrate configuration CdTe/CdS solar cells**

**Graf, Aleksandr**; **Maticiu, Natalia**; **Spalatu, Nicolae**; **Mikli, Valdek**; **Mere, Arvo**; **Gavrilov, Aleksei**; **Hiie, Jaan** Thin solid films 2015 / p. 351-355 : ill <https://doi.org/10.1016/j.tsf.2014.11.003> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Electrodeposited CDSE nanomatrix for hybrid polymer solar cells**

**Gurevičs, Jelena; Bereznev, Sergei; Mikli, Valdek; Naidu, Revathi; Öpik, Andres; Mellikov, Enn; Kois, Julia** Baltic Polymer Symposium 2015 : Sigulda, Latvia, September 16-18 : programme and proceedings 2015 / p. 96 : ill

#### **Electrodeposition of CdSe nanomatrix for hybrid solar cells**

**Bereznev, Sergei; Gurevičs, Jelena; Kois, Julia; Mellikov, Enn** 12th International Conference on Nanosciences & Nanotechnologies : 7-10 July 2015, Porto Palace Conference Centre & Hotel, Thessaloniki, Greece : book of abstracts 2015 / p. 166

#### **Electronic and optical properties of magnesium and calcium hydroxides : the role of covalency and many-body effects**

Karazhanov, Smagul Zh.; Pishtshev, Aleksandr; **Klopov, Mihhail** Physica Scripta 2015 / art. 094015 <https://doi.org/10.1088/0031-8949/90/9/094015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Electronic education system model-2**

**Güllü, Fatih; Kuusik, Rein, inform.;** Laanpere, Mart Proceedings of the International Conference e-Learning : Las Palmas de Gran Canaria, Spain, July 21-24, 2015 2015 / p. 162-166 : ill

#### **Electrospinning of polyaniline conductive membranes**

**Kütt, Kertu; Savest, Natalja; Krumme, Andres; Viirsalu, Mihkel** Baltic Polymer Symposium 2015 : Sigulda, Latvia, September 16-18 : programme and proceedings 2015 / p. 88

#### **Electrospun polystyrene ion exchangers**

**Kuzmenko, Tetiana; Paju, Jane; Savest, Natalja; Krumme, Andres** Baltic Polymer Symposium 2015 : Sigulda, Latvia, September 16-18 : programme and proceedings 2015 / p. 152

#### **Elektrijamiga laevad jõuavad igapäevakasutusse - Norras läks liinile parvlaev "Ampere"**

**Punab, Heino** Paat & Meremees 2015 / lk. 98-99 : fot [https://artiklid.elnet.ee/record=b2728351\\*est](https://artiklid.elnet.ee/record=b2728351*est)

#### **Elektrihinnapakettidest ja raha kokkuhoiust**

**Rajangu, Väino** Elektriala 2015 / lk. 11 [https://artiklid.elnet.ee/record=b2740337\\*est](https://artiklid.elnet.ee/record=b2740337*est)

#### **Elektrilevi investeringutest ja võrgu katkestustest**

**Rajangu, Väino** Elektriala 2015 / lk. 28 [https://artiklid.elnet.ee/record=b2738903\\*est](https://artiklid.elnet.ee/record=b2738903*est)

**Elektriliiniseadmed madalpingepaigaldistes [Võrguteavik] : raadiohäiringute tunnussuurused. Piirväärtused ja mõõtemetodid. Osa 1, Majasisene aparatuur = Power line communication apparatus used in low-voltage installations : radio disturbance characteristics. Limits and methods of measurement. Part 1, Apparatus for in-home use**

2015 [http://www.ester.ee/record=b4460215\\*est](http://www.ester.ee/record=b4460215*est)

**Elektrilised mõõte-, juhtimis- ja laboratooriumiseadmed [Võrguteavik] : elektromagnetilise ühilduvuse nõuded. Osa 1, Üldnõuded = Electrical equipment for measurement, control and laboratory use EMC requirements. Part 1, General requirements (IEC 61326-1:2012)**

2015 [http://www.ester.ee/record=b4460496\\*est](http://www.ester.ee/record=b4460496*est)

**Elektriliste kaitse-, turvalahutus-, lülitus- ja juhtimisaparaatide koordineerimine [Võrguteavik] = Co-ordination of electrical equipment for protection, isolation, switching and control**

2015 [http://www.ester.ee/record=b4455955\\*est](http://www.ester.ee/record=b4455955*est)

#### **Elektriraudtee ja selle mõjud elektrisüsteemi talitlusele**

**Kilter, Jako; Kangro, Triin; Sarnet, Tanel; Palu, Ivo** 2015 [https://www.ester.ee/record=b4495599\\*est](https://www.ester.ee/record=b4495599*est)

#### **Elektrivarustuse tulevikuvisionid**

**Lehtla, Tõnu; Vinnal, Toomas** 2015 [http://www.ester.ee/record=b4511325\\*est](http://www.ester.ee/record=b4511325*est)

**Elektriõhuliinid vahelduvpingega üle 1 kV. Osa 2-20, Eesti riiklikud erinõuded (SEN) [Võrguteavik] = Overhead electrical lines exceeding AC 1 kV. Part 2-20, National Normative Aspects (NNA) for Estonia (based on EN 50341-1:2012)**

2015 [http://www.ester.ee/record=b4469147\\*est](http://www.ester.ee/record=b4469147*est)

**Elektromagnetiline ühilduvus. Osa 2-5, Keskkond [Võrguteavik] : elektromagnetiliste keskkondade kirjeldus ja liigitus = Electromagnetic compatibility (EMC). Part 2-5, Environment : description and classification of electromagnetic environments (IEC/TR 61000-2-5:2011)**

2015 [http://www.ester.ee/record=b4469518\\*est](http://www.ester.ee/record=b4469518*est)

**Elektromagnetiline ühilduvus. Osa 3-2, Piirväärtused [Võrguteavik] : vooluharmonooniliste emissiooni lubatavad piirväärtused (seadmetel sisendvooluga kuni 16 A faasi kohta) = Electromagnetic compatibility (EMC). Part 3-2, Limits : limits for harmonic current emissions (equipment in put current ≤ 16 A per phase) (IEC 61000-3-2:2014)**

2015 [http://www.ester.ee/record=b4477535\\*est](http://www.ester.ee/record=b4477535*est)

**Elektromagnetiline ühilduvus. Osa 5-6, Paigaldus- ja leevendusjuhendid [Võrguteavik] : välise elektromagnetiliste häirete leevendamine = Electromagnetic compatibility (EMC). Part 5-6, Installation and mitigation guidelines : mitigation of external EM influences (IEC/TR 61000-5-6:2002)**

2015

#### **Elu Lugu ja meenutusi**

Saar, Jaan OAS-65 inseneriteel : TPI soojusenergeetika kateedri 1965. aasta vilistlaste meenutusi ja mõtisklusi tudengiajast, õppejõududest, üksteisest, inseneritööst 2015 / lk. 232 : portr [https://www.ester.ee/record=b4535813\\*est](https://www.ester.ee/record=b4535813*est)

#### **Elu märkidest ja märkide elust : [Jesper Hoffmeyer'i raamatu "Biosemiootika : uurimus elu märkidest ja märkide elust" tutvustus]**

Tiivel, Toomas, maj. Horisont 2015 / lk. 59-60 : fot [https://artiklid.elnet.ee/record=b2716548\\*est](https://artiklid.elnet.ee/record=b2716548*est)

#### **Elurikkuse, mulla ja maapõue andmesüsteemide geoinformaatiline arendus (ERMAS)**

Keskonnakaitse ja -tehnoloogia teadus- ja arendustegevuse programmi teaberaamat 2010-2015 2015 / lk. 56-64

#### **Elust, õppimisest, koolidest ja tööst pärast TPI lõpetamist**

Sillamets, Rein OAS-65 inseneriteel : TPI soojusenergeetika kateedri 1965. aasta vilistlaste meenutusi ja mõtisklusi tudengiajast, õppejõududest, üksteisest, inseneritööst 2015 / lk. 186-201 : fot [https://www.ester.ee/record=b4535813\\*est](https://www.ester.ee/record=b4535813*est)

#### **Elustav hapnikurikas süvavesi näitab Läänemeres mõju esmaseid märke**

Lips, Urmas Horisont 2015 / lk. 14-15 : ill [https://artiklid.elnet.ee/record=b2740967\\*est](https://artiklid.elnet.ee/record=b2740967*est)

#### **Embedded creativity in entrepreneurial practices through design management : case study from the South Baltic Sea region**

Gerlitz, Laima; Prause, Gunnar Klaus; Hack, Achim 4th International Conference "Cultural and Creative Industries. Economic Development and Urban Regeneration" : Rome, 4-5 December 2015 2015

#### **Emerging coordination practices of European central governments**

Lag Reid, Per; Randma-Liiv, Tiina; Rykkja, Lise H.; Sarapuu, Külli International review of administrative sciences 2015 / p. 346-351 <https://doi.org/10.1177/0020852315579398> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Emerging markets and the international financial architecture : a blueprint for reform**

Kregel, Jan Allan 2015 [http://www.levyinstitute.org/pubs/wp\\_833.pdf](http://www.levyinstitute.org/pubs/wp_833.pdf)

#### **Emerging markets and the international financial architecture : a blueprint for reform**

Kregel, Jan Allan Revista de economia politica : Brazilian journal of political economy 2015 / p. 285-305 <http://dx.doi.org/10.1590/0101-31572015v35n02a05>

#### **Emeriitprofessor: suure kallakuga invateedest üksi üles ei saagi : [selgitusi jagab TTÜ emeriitprofessor Ilmar Pihlak]**

Ibrus, Kadri Eesti Päevaleht 2015 / lk. 8 <https://epl.delfi.ee/artikkel/71864429/emeritprofessor-suure-kallakuga-invateedest-uksi-ules-ei-saagi>

#### **EMG measurements of thumb muscles of nurses and caregivers**

Sepp, Jaana; Järvis, Marina; Tint, Piia; Siirak, Virve; Reinhold, Karin Agronomy research 2015 / p. 836-845 : ill <https://www.cabidigitallibrary.org/doi/pdf/10.5555/20153188982> [Journal metrics at Scopus](#) [Article at Scopus](#)

#### **EMG measurements of thumb muscles of nurses and caregivers [Electronic resource]**

Sepp, Jaana; Järvis, Marina; Tint, Piia; Siirak, Virve; Reinhold, Karin 6th International Conference Biosystems Engineering 2015 : 7-8 May 2015, Tartu, Estonia : book of abstracts 2015 / p. 116. [CD-ROM] [http://bse.emu.ee/BSE2015\\_Book%20of%20ABSTRACTS\\_ISBN.pdf](http://bse.emu.ee/BSE2015_Book%20of%20ABSTRACTS_ISBN.pdf)

#### **Employee representatives in Estonia. How are they perceived and what are the expectations by employers in Estonia?**

Teichmann, Mare; Lõhmus, Merle Promoting social dialogue in European organizations : human resources management and constructive conflict management 2015 / p. 53-65 : ill [http://dx.doi.org/10.1007/978-3-319-08605-7\\_4](http://dx.doi.org/10.1007/978-3-319-08605-7_4)

#### **Empowerment opportunities and willingness to take responsibility in different levels of hierarchy**

Randmann, Liina; Tiits, Hanna Respectful and Effective Leadership : Managing People and Organizations in Turbulent Times : The 17th European Congress of Work and Organizational Psychology : Oslo, Norway, 20-23 May 2015 2015

#### **Enamik tehnikaülikooli välistudengeid tahaks Eestisse tööle jääda**

Tammet, Mattias Õhtuleht 2015 / lk. 3 <https://www.oh tuleht.ee/685843/enamik-tehnikaulikooli-valistudengeid-tahaks-eestisse-toole-jaada>

#### **Enantioselective organocatalytic Michael addition–cyclization cascade of cyclopentane-1,2-dione with substituted (E)-2-oxobut-3-enates**

Preegel, Gert; Ilmarinen, Kaja; Järving, Ivar; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus Synthesis 2015 / p. 3805-3812 : ill

**Endine tudengijuht : soon oma tekli ära, kui Aaviksoo rektoriks ei saa : [TTÜ]**

Haravee, Juhan Õhtuleht 2015 / lk. 6 <https://www.oh tuleht.ee/669735/endine-tudengijuht-soon-oma-tekli-ara-kui-aaviksoo-rektoriks-ei-saa>

**Endlipulk ja endakultus**

Rohtung, Liisi Studioosus 2015 / lk. 7 [https://www.est.ee/record=b1558644\\*est](https://www.est.ee/record=b1558644*est)

**Endowment, commitment and convergence : a roadmap towards productivity growth [Electronic resource]**

Männasoo, Kadri; Hein, Heili; Ruubel, Raul 7th International conference "Economic challenges in enlarged Europe" : 14-16 June 2015, Tallinn, Estonia : [conference proceedings] 2015 / [CD-ROM] [http://www.est.ee/record=b3088567\\*est](http://www.est.ee/record=b3088567*est)

**Energeetika nõuab tarka juhtimist ja paindlikku tegutsemist!**

Raukas, Anto Elektriala 2015 / lk. 5

**Energeetikanõukogu**

Hamburg, Arvi Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2014 2015 / lk. 29-31

**Energia- ja geotehnoloogia doktorikooli lõpukonverents**

Kukuškin, Merili Mente et Manu 2015 / lk. 12-13 [https://www.est.ee/record=b1242496\\*est](https://www.est.ee/record=b1242496*est)

**Energiasalvestid ja -salvestustehnoloogiad**

Rosin, Argo; Link, Siim; Hõimoja, Hardi; Drovtnar, Imre 2015 [http://www.est.ee/record=b4484414\\*est](http://www.est.ee/record=b4484414*est)

**Energy and buildings. Vol. 106, SI, IEA-ECES Annex 31 special issue on thermal energy storage**

2015

**Energy council**

Hamburg, Arvi Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2014 2015 / p. 31-33

**Energy demand for the heating and cooling of residential houses in Finland in a changing climate**

Jylhä, Kirsti; Jokisalo, Juha; Kalamees, Targo Energy and buildings 2015 / p. 104-116 : ill <https://doi.org/10.1016/j.enbuild.2015.04.001>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Energy harvesting technologies - potential application to wearable health-monitoring**

Ahmed, Faisal; Le Moullec, Yannick; Annus, Paul The 10th International Conference on Bioelectromagnetism : proceedings 2015 / [4] p. : ill

**Energy performance of radiators with parallel and serial connected panels**

Maivel, Mikk; Konzelmann, Martin; Kurnitski, Jarek Energy and buildings 2015 / p. 745-753 : ill  
<https://doi.org/10.1016/j.enbuild.2014.10.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Energy policy coherence from an intra-institutional perspective : energy security and environmental policy coordination within the European Commission [Online publication]**

Selianko, Iulii; Lenschow, Andrea European integration online papers (EIoP) 2015 / p. 1-29 : tab <http://eiop.or.at/eiop/texte/2015-002a.htm>

**Energy related sustainability analysis of shale oil retorting technologies**

Gušća, Julija; Siirde, Andres; Eldermann, Meelis Energy procedia 2015 / p. 216-221 : ill <https://doi.org/10.1016/j.egypro.2015.06.031>  
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Energy use and indoor climate of conservation heating, dehumidification and adaptive ventilation for the climate control of a mediaeval church in a cold climate**

Napp, Margus; Kalamees, Targo Energy and buildings 2015 / p. 61-71 : ill <https://doi.org/10.1016/j.enbuild.2015.08.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Enesepettuse magus võlu**

Uudelepp, Agu Maaleht 2015 / lk. 21

**Enhanced fiscal governance in the European Union : the fiscal compact**

Kukk, Merike; Staehr, Karsten Baltic journal of European studies 2015 / p. 73-92

**Enhanced optimization of the wideband excitation signal for a bioimpedance measurement**

Ojarand, Jaan; Rist, Marek; Min, Mart 2015 IEEE International Instrumentation and Measurement Technology Conference (I2MTC 2015) : May 11-14, 2015, Pisa, Italy : proceedings 2015 / p. 1801-1806 : ill <https://doi.org/10.1109/I2MTC.2015.7151554> [Conference](#)

[proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Enhancement of Unmanned Aerial Vehicle photogrammetry by high-resolution airborne laser scanning data [Electronic resource]**

**Julge, Kalev; Ellmann, Artu** 26th IUGG General Assembly 2015 : Prague, Czech Republic, Prague Congress Centre, June 22-July 02, 2015 2015 / [1] p

**Enhancing entrepreneurship education in engineering students to increase their metacognitive abilities : analysis of student self-assessments**

**Ling, Hannes; Venesaar, Urve** Inzinerine ekonomika = Engineering economics 2015 / p. 333-342 : ill

<https://doi.org/10.5755/j01.ee.26.3.5283> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Enhancing post-disaster reconstruction capacity through lifelong learning in higher education**

Thayaparan, Menana; Siriwardena, Mohan; **Lill, Irene** Disaster prevention and management 2015 / p. 338-354 : ill

<https://doi.org/10.1108/DPM-11-2014-0239> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Enhancing the quality of contingency planning by simulation**

Honkavuo, Hanna; Jähi, Markus; Kosonen, Ari; Piira, Kalevi; **Rannat, Kalev**; Soininen, Jari; **Meriste, Merik; Taveter, Kuldar** ISCRAM2015 conference proceedings : 12th International Conference on Information Systems for Crisis Response and Management : Kristiansand, May 24-27 2015 / [6] p. : ill

**Enn Vetemaa: "Lausa piinlik, et 80 aastane mees veel luuletab."**

Kulli, Jaanus Õhtuleht 2015 / lk. 27

**Enne ja nüüd : [TTÜ majandusteaduskond 75]**

**Saat, Maksim** Mente et Manu 2015 / lk. 13-14 [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

**Ensemble approach for the projections of extreme water levels reveals bias in water level observations**

**Eelsalu, Maris; Soomere, Tarmo; Pindsoo, Katri; Lagemaa, Priidik** 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 85

[http://www.bssc2015.lv/wp-content/uploads/2015/07/10th\\_BSSC\\_AbstractBook\\_final.pdf](http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf)

**Environmental considerations in lifecycle based optimization of electrical machines**

**Vaimann, Toomas; Kallaste, Ants; Bolgov, Viktor; Belahcen, Anouar** Proceedings of the 2015 16th International Scientific Conference on Electric Power Engineering (EPE) : May 20-22, 2015, Czech Republic 2015 / p. 209-214 : ill

<http://dx.doi.org/10.1109/EPE.2015.7161057>

**Environmental risks and problems of the optimal management of an oil shale semi-coke and ash landfill in Kohtla-Järve, Estonia**

**Vallner, Leo; Gavrilova, Olga; Vilu, Raivo** Science of the total environment 2015 / p. 400-415 : ill

<https://doi.org/10.1016/j.scitotenv.2015.03.130> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Episoodiliste mälestuste kaleidoskoop elu- ja kooliteelt**

Tiedemann, Jaan OAS-65 inseneriteel : TPI soojusenergeetika kateedri 1965. aasta vilistlaste meenutusi ja mõtisklusi tudengiajast, õppejõududest, üksteisest, inseneritööst 2015 / lk. 174-181 : ill [https://www.ester.ee/record=b4535813\\*est](https://www.ester.ee/record=b4535813*est)

**Erasmus Mundus kutsub maailma avastama**

**Ma, Siyi** Mente et Manu 2015 / lk. 9-11 : fot [https://artiklid.elnet.ee/record=b2714599\\*est](https://artiklid.elnet.ee/record=b2714599*est)

**Erasmus Mundus kutsub maailma avastama**

**Ma, Siyi** Studioosus 2015 / lk. 14-17 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

**Erectile dysfunction in hypertension and cardiovascular disease : a guide for clinicians**

2015 [https://www.ester.ee/record=b4447797\\*est](https://www.ester.ee/record=b4447797*est)

**e-riigi õiguslikud ja poliitilised aspektid**

**Nyman-Metcalf, Katrin Merike** Eesti Teadusliku Seltsi Rootsis aastaraamat. XV = Annales Societatis Litterarum Estonicae in Svecia. XV : 2010-2014 2015 / lk. 131-147

**Erinevate autorongide võrdlus teekatendile avaldatava mõju alusel**

**Kendra, Ain** Transport ja Teed 2015 / lk. 8-10 : tab [https://artiklid.elnet.ee/record=b2748553\\*est](https://artiklid.elnet.ee/record=b2748553*est)

**Erinevate rattakombinatsioonide ja rehvisurve mõju teekatendile**

**Kendra, Ain** Transport ja Teed 2015 / lk. 37-38 : fot [https://artiklid.elnet.ee/record=b2740935\\*est](https://artiklid.elnet.ee/record=b2740935*est)

**ERÜ noorteseksiooni kohtumine Läti Raamatukoguhoidjate Ühingu noortega**  
**Nool, Maris** Raamatukogu 2015 / lk. 10 [https://artiklid.elnet.ee/record=b2752919\\*est](https://artiklid.elnet.ee/record=b2752919*est)

#### **Esimene tudengiaasta**

Arus, Mati OAS-65 inseneriteel : TPI soojusenergeetika kateedri 1965. aasta vilistlaste meenutusi ja mõtisklusi tudengiajast, õppejõududest, üksteisest, inseneritööst 2015 / lk. 70-72 : portr [https://www.ester.ee/record=b4535813\\*est](https://www.ester.ee/record=b4535813*est)

#### **Esimesed kosmoseraketid**

**Mars, Mario** Minu Maailm 2015 / lk. 20-22 : ill [http://www.ester.ee/record=b3033179\\*est](http://www.ester.ee/record=b3033179*est)

#### **Esinduskogust, endast ja esindamisest**

Udam, Sander Studioosus 2015 / lk. 24 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

#### **Esmakursuslaste arv kasvab iga aastaga : [ka Virumaa kolledži direktori Viktor Andrejevi kommentaarid]**

Voropajeva, Niina Põhjarannik 2015 / lk. 3 : fot

#### **ESTCube-1 in-orbit experience and lessons learned**

Slavinskis, Andris; Pajusalu, Mihkel; Kuuste, Henri; Ilbis, Erik; Eenmäe, Tõnis; Sunter, Indrek; Laizans, Kaspars; **Ehrpais, Hendrik; Liias, Paul**; Kulu, Erik IEEE aerospace and electronic systems magazine 2015 / art. 7286959, p. 12-22 : ill <https://doi.org/10.1109/MAES.2015.150034> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Estimating the transfer function between the CAP and radial EBI cardiac periods : use of PCA for dominating spectral features analysis**

**Krivošei, Andrei; Uuetoa, Hasso; Min, Mart**; Lamp, Jürgen; **Annus, Paul**; Uuetoa, Tiina The 10th International Conference on Bioelectromagnetism : proceedings 2015 / [4] p. : ill

#### **Estimating the transfer function between the CAP and radial EBI cardiac periods : use of PCA for dominating spectral features analysis**

**Krivošei, Andrei; Uuetoa, Hasso; Min, Mart**; Lamp, Jürgen; **Annus, Paul**; Uuetoa, Tiina International journal of bioelectromagnetism 2015 / p. 31-35 : ill

#### **Estimation of additional losses due to random contacts at the edges of stator of an electrical machine**

Shah, Sahas Bikram; Rasilo, Paavo; **Belahcen, Anouar**; Arkkio, Antero COMPEL : the international journal for computation and mathematics in electrical and electronic engineering 2015 / p. 1501-1510 : ill <http://dx.doi.org/10.1108/COMPEL-02-2015-0083>

#### **Estimation of coastal dunes recession rate in the Russian part of the Curonian Spit**

**Kovaleva, Olga**; Chubarenko, Boris; Ryabchuk, Daria 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 2013 [http://www.bssc2015.lv/wp-content/uploads/2015/07/10th\\_BSSC\\_AbstractBook\\_final.pdf](http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf)

#### **Estimation of real-time demands on the basis of pressure measurements by different optimization methods**

**Vassiljev, Anatoli; Koppel, Tiit** Advances in engineering software 2015 / p. 67-71 : ill <https://doi.org/10.1016/j.advengsoft.2014.09.023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Estimation of safety performance by MISHA method and the benefits of OHSAS 18001 implementation in Estonian manufacturing industry**

**Paas, Õnnela; Reinhold, Karin; Tint, Piia** Agronomy research 2015 / p. 792-809 : ill <https://www.cabidigitallibrary.org/doi/pdf/10.5555/20153188978> [Journal metrics at Scopus](#) [Article at Scopus](#)

#### **Estimation of safety performance by MISHA method and the benefits of OHSAS 18001 implementation in Estonian manufacturing industry [Electronic resource]**

**Paas, Õnnela; Reinhold, Karin; Tint, Piia** 6th International Conference Biosystems Engineering 2015 : 7-8 May 2015, Tartu, Estonia : book of abstracts 2015 / p. 112. [CD-ROM] [http://bse.emu.ee/BSE2015\\_Book%20of%20ABSTRACTS\\_ISBN.pdf](http://bse.emu.ee/BSE2015_Book%20of%20ABSTRACTS_ISBN.pdf)

#### **Estimation of wave and wind field parameters from TerraSAR-X imagery in the Baltic Sea**

**Rikka, Sander; Uiboupin, Rivo; Alari, Victor** 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 171 [http://www.bssc2015.lv/wp-content/uploads/2015/07/10th\\_BSSC\\_AbstractBook\\_final.pdf](http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf)

#### **Estonia**

**Sarapuu, Külli; Metsma, Merilin; Randma-Liiv, Tiina**; Uudelepp, Annika Leadership and culture : comparative models of top civil servant training 2015 / p. 73-88

#### **Estonia - Fire safety regulations and research**

**Just, Alar**; Jalas, Raido Bio-based Building Products and Fire Safe Design of Buildings - Recent Developments : book of abstracts 2015 / p. 9-10 <https://ethz.ch/content/dam/ethz/special-interest/baug/ibk/costfp1404-dam/documents/N076-05-Book-of-abstracts-meeting-in->

**Estonia : learning through "societal experiment"**

**Paadam, Katrin; Ojamae, Liis** Renewing Europe's housing 2015 / p. 123-142 : ill

**Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2014**

2015 [https://www.ester.ee/record=b1218154\\*est](https://www.ester.ee/record=b1218154*est)

**Estonian national minorities' cultures : successes and failures of policy goals, instruments and organization = [Eesti vähemusrahvuste kultuur : poliitikaeesmärkide saavutamine, instrumendid ning organisatsioon]**

**Aidarov, Aleksandr** 2015 [http://www.ester.ee/record=b4449406\\*est](http://www.ester.ee/record=b4449406*est)

**Estonian science communication award**

Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2014 2015 / p. 54-56

**Estonia's energy-related greenhouse gas emissions in 1995-2011 : a structural decomposition analysis**

**Gavrilova, Olga; Vilu, Raivo** Review of economics & finance 2015 / p. 67-84 : ill <http://www.bapress.ca/ref/ref-article/1923-7529-2015-01-67-18.pdf>

**Eteisvärinäpotilaiden hoidon laatu ja seurannassa käytettävät indikaattorit**

Winell, Klas; Mikkola, Ilona; Korhonen, Katariina; **Hartšenko, Jelena** Lääketieteellinen aikakauskirja Duodecim 2015 / s. 1881-1888

**Ethane-bridged bis-porphyrin structural motif for effective supramolecular chirogenesis, sensor development, and light harvesting**

**Borovkov, Victor** The International Conference on Polymers and Advanced Materials (POLYMAT-2015) : Huatulco, Mexico, October 18-22, 2015 : abstracts book 2015 / p. 9-10

**Ettepanekud Eesti laevandussektori konkurentsivõime tugevdamiseks**

Naaber, Eero Paat & Meremees 2015 / lk. 94 [https://artiklid.elnet.ee/record=b2751211\\*est](https://artiklid.elnet.ee/record=b2751211*est)

**Ettepanekuid teaduse rahastamise korraldamiseks**

**Taklaja, Andres** Õpetajate Leht 2015 / lk. 5 <https://opleht.ee/2015/01/ettepanekuid-teaduse-rahastamise-korraldamiseks/>

**Ettevalmistus aitab ihaldatud erialale õppima**

Ärm, Triin Postimees 2015 / lk. 3

**[Ettevõtja]**

**Vihalem, Ann; Teder, Juhan** 2001 [https://www.ester.ee/record=b1828944\\*est](https://www.ester.ee/record=b1828944*est)

**Ettevõtlusaktiivsus kahaneb : mis on juhtunud?**

**Teder, Juhan** Äripäev 2015 / lk. 14

**Ettevõtluskoostöö foorumil hakatakse müüte murdma**

Säde, Merilyn Universitas Tartuensis : UT : Tartu Ülikooli ajakiri 2015 / lk. 26-28 : fot [https://artiklid.elnet.ee/record=b2722848\\*est](https://artiklid.elnet.ee/record=b2722848*est)

**Ettevõtlusvabadus ja Eesti**

**Käsper, Kari** Maksumaksja 2015 / lk. 16-17 [https://artiklid.elnet.ee/record=b2747778\\*est](https://artiklid.elnet.ee/record=b2747778*est)

**EU regulation establishing a network code on requirements for grid connection of generators**

Pfeiffer, R.; Haesen, E.; **Kilter, Jako** 14th Workshop on Large-Scale Integration of Wind Power into Power Systems as well as on Transmission Networks for Offshore Wind Power Plants : 20-22 October 2015, Brussels, Belgium : proceedings 2015

**EU sports law and breakaway leagues in football**

**Pijetlovic, Katarina** 2015 <http://dx.doi.org/10.1007/978-94-6265-048-0> [http://www.ester.ee/record=b4533545\\*est](http://www.ester.ee/record=b4533545*est)

**Eurokoodeks 1 [Võrguteavik] : ehituskonstruksioonide koormused. Osa 1-7, Üldkoormused. Erakorralised koormused = Eurocode 1 : actions on structures. Part 1-7, General actions. Accidental actions**

2015 [http://www.ester.ee/record=b4493677\\*est](http://www.ester.ee/record=b4493677*est)

**Eurokoodeks 2 [Võrguteavik] : betoonkonstruktsioonide projekteerimine. Osa 1-1, Üldreeglid ja reeglid hoonetele = Eurocode 2 : design of concrete structures. Part 1-1, General rules and rules for buildings**

2015 [http://www.ester.ee/record=b4494574\\*est](http://www.ester.ee/record=b4494574*est)

**Eurokoodeks 3 [Võrguteavik] : teraskonstruksioonide projekteerimine. Osa 1-1, Üldreeglid ja reeglid hoonete projekteerimiseks = Eurocode 3: design of steel structures. Part 1-1, General rules and rules for buildings**

2015 [http://www.ester.ee/record=b4494596\\*est](http://www.ester.ee/record=b4494596*est)

**Eurokoodeks 5 [Võrguteavik] : puitkonstruktsioonide projekteerimine. Osa 1-1, Üldist ; Üldreeglid ja reeglid hoonete projekteerimiseks = Eurocode 5 : design of timber structures. Part 1-1, General ; Common rules and rules for buildings**  
2015

**Euroopa Liidu vabakaubanduslepingud**

**Fainštein, Grigori** Ekspordi käsiraamat 2015 / lk. 1-8 [http://www.ester.ee/record=b4292090\\*est](http://www.ester.ee/record=b4292090*est)

**Euroopa pureb Kreeka pähkli. Ohus miljonid eurod.**

**Kattel, Rainer**; Matsalu, Eliisa Äripäev 2015 / lk. 4-5 <https://www.aripaev.ee/uudised/2015/01/07/euroopa-pureb-kreeka-pahkli>

**Euroopa riigiabi reeglite otstarbekus perifeeriarriikide seisukohast Estonian Airi näitel**

Veebel, Viljar; **Ploom, Illimar** Riigikogu Toimetised 2015 / lk. 189-200

[http://www.riigikogu.ee/rito/public/documents/32/Viljar\\_Veebel\\_Illimar\\_Ploom\\_Euroopa\\_riigiabi\\_reeglite\\_otstarbekus\\_perifeeriarriikide\\_seisukohast\\_Estonian\\_Airi\\_naitel.pdf](http://www.riigikogu.ee/rito/public/documents/32/Viljar_Veebel_Illimar_Ploom_Euroopa_riigiabi_reeglite_otstarbekus_perifeeriarriikide_seisukohast_Estonian_Airi_naitel.pdf)

**Europe managing the crisis : the politics of fiscal consolidation**

Kickert, Walter J. M.; **Randma-Liiv, Tiina** 2015 [https://www.ester.ee/record=b4502997\\*est](https://www.ester.ee/record=b4502997*est)

**European firm adjustment during times of economic crisis**

Fabiani, Silvia; Lamo, Ana; Messina, Julian; **Rõõm, Tairi** IZA journal of labor policy 2015 / p. 1-28 : ill <http://dx.doi.org/10.1186/s40173-015-0048-3>

**European firm adjustment during times of economic crisis**

Fabiani, Silvia; Lamo, Ana; Messina, Julian; **Rõõm, Tairi** 2015 <http://econpapers.repec.org/RePEc:ecb:ecbwps:20151778>

**European history and the future of legal freedoms**

**Kerikmäe, Tanel** Baltic journal of European studies 2015 / p. 3-4

**European social models from crisis to crisis : employment and inequality in the era of monetary integration : [book review]**

**Notermans, Antonius Johannes Hubertus** Global affairs 2015 / p. 468-469 <http://dx.doi.org/10.1080/23340460.2015.1037583>

**Europeanization and De-Europeanization of Estonian regional policy**

Raagmaa, Garri; **Kalvet, Tarmo**; Kasesalu, Ragne Impacts of European territorial policies in the Baltic States 2015 / p. 105-125 : ill [http://www.ester.ee/record=b4495266\\*est](http://www.ester.ee/record=b4495266*est)

**Europe's refugee crisis in 2015 and security threats from the Baltic perspective**

Veebel, Viljar; **Markus, Raul** Journal of politics and law 2015 / p. 254-262 : ill <http://dx.doi.org/10.5539/jpl.v8n4p254>

**Evaluating the accuracy of orthophotos and 3D models from UAV photogrammetry**

**Julge, Kalev; Ellmann, Artu** Geophysical research abstracts 2015 / p. EGU2015-655

**Evaluation of automatic speech recognition prototype for Estonian language in radiology domain : a pilot study**

**Paats, Andrus; Alumäe, Tanel; Meister, Einar; Fridolin, Ivo** 16th Nordic-Baltic Conference on Biomedical Engineering : 16. NBC & 10. MTD 2014 Joint Conferences, October 14-16, 2014, Gothenburg, Sweden 2015 / p. 96-99 [https://doi.org/10.1007/978-3-319-12967-9\\_26](https://doi.org/10.1007/978-3-319-12967-9_26) Conference proceedings at Scopus Article at Scopus Article at WOS

**Evaluation of investments profitability in conventional power generation sector in Estonia**

**Pulkkinen, Svetlana** 2015 12th International Conference on the European Energy Market (EEM) : Lisbon, 19-22 May 2015, Portugal 2015 / [5] p. : ill <http://dx.doi.org/10.1109/EEM.2015.7216768>

**Evaluation of muscular tension by myotonometrical method**

**Pille, Viive; Tint, Piia; Rõivassepp, Maris** The annals of occupational hygiene 2015 / p. 31-32 <http://dx.doi.org/10.1093/annhyg/meu119>

**Evaluation of research in ICT in Estonia 2009-2014**

2015 [https://www.ester.ee/record=b4469098\\*est](https://www.ester.ee/record=b4469098*est)

**Evaluation of research in law in Estonia 2009-2014**

2015 [https://www.ester.ee/record=b4477982\\*est](https://www.ester.ee/record=b4477982*est)

**Evaluation of stiffness and damage of laminar composites = Komposiitlaminaatide jäikuse ja kahjustuste hindamine**

**Lasn, Kaspar** 2015 [https://www.ester.ee/record=b4484893\\*est](https://www.ester.ee/record=b4484893*est)

**Evelin Pärn-Lee: Eesti riik annab võitluseta alla ja loodab kõik maksumaksja rahaga kinni maksta [Võrguteavik]**  
**Pärn-Lee, Evelin** Postimees 2015 [Evelin Pärn-Lee: Eesti riik annab võitluseta alla ja loodab kõik maksumaksja rahaga kinni maksta](#)

**Event management and incident response framework for small companies [Online resource]**

**Kont, Markus** Proceedings of the 1st Interdisciplinary Cyber Research Workshop 2015 : 18th of July 2015, Tallinn University of Technology 2015 / p. 52-53 <http://cybercentre.cs.ttu.ee/en/icr2015/>

**Evidence for two distinct binding sites for lipoprotein lipase on glycosylphosphatidylinositol-anchored high density lipoprotein-binding protein 1 (GPIHBP1)**

**Reimund, Mart**; Larsson, Mikael; Kovrov, Oleg; Kasvandik, Sergio; Olivecrona, Gunilla; **Löökene, Aivar** Journal of biological chemistry 2015 / p. 13919-13934 : ill <https://doi.org/10.1074/jbc.M114.634626> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Evidence in civil law - Estonia [E-book]**

**Poola, Margus** 2015 <http://dx.doi.org/10.4335/978-961-6842-39-6>

**EÜLi hakkab juhtima Jaanus Müür TTÜst**

Mente et Manu 2015 / lk. 23 [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

**Examination of molecular weight distributions of primary pyrolysis oils from three different oil shales via direct pyrolysis Field Ionization Spectrometry**

**Oja, Vahur** Fuel 2015 / p. 759-765 : ill <https://doi.org/10.1016/j.fuel.2015.07.041> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Examination of the effects of wind induced forcings on surface drifters circulation patterns in the Gulf of Finland**

**Delpeche-Ellmann, Nicole Camille**; Torsvik, Tomas 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 48 [http://www.bssc2015.lv/wp-content/uploads/2015/07/10th\\_BSSC\\_AbstractBook\\_final.pdf](http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf)

**Examining surface circulation patterns of the Baltic Sea using satellite data, ocean models and in-situ observations**

**Delpeche-Ellmann, Nicole Camille**; Torsvik, Tomas; Soomere, Tarmo Sentinel-3 for Science Workshop: Abstract Book 2015 / p. 284 [http://seom.esa.int/S3forScience2015/page\\_session28.php](http://seom.esa.int/S3forScience2015/page_session28.php)

**Excess of threonine compared with serine promotes threonine aldolase activity in Lactococcus lactis IL1403**

**Aller, Kadri**; Adamberg, Kaarel; Reile, Indrek; Timarova, Veronica; Peebo, Karl; Vilu, Raivo Microbiology 2015 / p. 1073-1080 : ill <https://doi.org/10.1099/mic.0.000071> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Exchange rate policies in the Baltic States : from extreme inflation to euro membership**

**Staehr, Karsten** CESifo forum 2015 / p. 9-18 : ill [http://www.cesifo-group.de/portal/page/portal/DocBase\\_Content/ZS/ZS-CESifo\\_Forum/zs-for-2015/zs-for-2015-4/forum-2015-4-staehr-baltic-tiger-december.pdf](http://www.cesifo-group.de/portal/page/portal/DocBase_Content/ZS/ZS-CESifo_Forum/zs-for-2015/zs-for-2015-4/forum-2015-4-staehr-baltic-tiger-december.pdf) [Journal metrics at Scopus](#) [Article at Scopus](#)

**Execution of dataflow process networks on OpenCL platforms**

Lund, Wictor; Kanur, Sudeep; Ersfolk, Johan; **Tsiopoulos, Leonidas** 23rd Euromicro International Conference on Parallel, Distributed, and Network-Based Processing : PDP 2015 : 4-6 March 2015, Turku, Finland : proceedings 2015 / p. 618-625 : ill <https://doi.org/10.1109/PDP.2015.29>

**Experiences with dynamic PMU compliance testing using standard relay testing equipment [Electronic resource]**

**Kilter, Jako**; Palu, Ivo; Almas, Muhammad Shoaib; Vanfretti, Luigi 2015 IEEE Power and Energy Society Innovative Smart Grid Technologies Conference (ISGT 2015) : 18-20 February 2015, Washington, DC, USA 2015 / [5] p. : ill. [USB] <http://dx.doi.org/10.1109/ISGT.2015.7131833>

**Experiential technology brands for generation Y**

**Riivits-Arkonsuo, Iivi**; Leppiman, Anu Proceedings of the International Marketing Trends Conference 2015 : Paris, 22-24 January, 2015 2015 / p. 1-11 : ill

**Experimental analysis of the combustion characteristics of Estonian oil shale in air and oxy-fuel atmospheres**

**Loo, Lauri**; Maaten, Birgit; Siirde, Andres; Pihu, Tõnu; Konist, Alar Fuel processing technology 2015 / p. 317-324 : ill <https://doi.org/10.1016/j.fuproc.2014.12.051> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Experimental and analytical modelling study of water-front dynamics of two-phase unsteady flows in a large-scale pressurized pipeline**

**Laanearu, Janek**; Hou, Qingzhi; Tijsseling, Arris S. Papers presented at 12th International Conference on Pressure Surges : Dublin, Ireland : 18-20 November 2015 2015 / p. 625-637 : ill

**Experimental and analytical study of the air-water interface kinematics during filling and emptying of a horizontal pipeline**

**Laanearu, Janek**; Hou, Qingzhi; Tijsseling, Arris S. 12th International Conference on Pressure Surges : Dublin, Ireland, 18-20

**Experimental evaluation of GaN gate injection transistors**

**Rabkowski, Jacek;** Barlik, Roman Przegląd elektrotechniczny = Electrical review 2015 / p. 9-12 : ill  
<http://dx.doi.org/10.15199/48.2015.03.03>

**Experimental modeling of CO<sub>2</sub>-fluid-rock interaction: The evolution of the composition and properties of host rocks in the Baltic Region**

**Šogenov, Kazbulat; Šogenova, Alla;** Vizika-Kavvadias, Olga; Nauroy, Jean-François Earth and Space Science 2015 / p. 262 - 284 <https://doi.org/10.1002/2015EA000105> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Experimental setup to explore the propulsion motor drive testing for battery electric vehicles**

**Rassõlkin, Anton; Müür, Margus** Proceedings of 2015 IEEE Global Engineering Education Conference (EDUCON) : 18-20 March 2015, Tallinn University of Technology (TUT), Tallinn, Estonia 2015 / p. 63-67 : ill <http://dx.doi.org/10.1109/EDUCON.2015.7095952>

**Experimental studies of internal and near-bed dynamics of restricted exchange flows [Electronic resource]**

Carr, Magda; Cuthbertson, Alan; **Laanearu, Janek;** Sommeria, Joel; Kean, Jonathan; **Lilover, Madis-Jaak; Kollo, Monika;** Berntsen, Jarle; Thiem, Øyvind; Viboud, Samuel E-proceedings of the 36th IAH World Congress : 28 June - 3 July, 2015, The Hague, the Netherlands 2015 / p. 1-4 : ill

**Experimental study of high step-up quasi-Z-source DC-DC converter with synchronous rectification**

**Liivik, Liisa; Chub, Andrii; Vinnikov, Dmitri; Zakis, Janis** 2015 9th International Conference on Compatibility and Power Electronics (CPE) : proceedings : Faculty of Science and Technology (FCT), Caparica, Lisbon, Portugal, 24-26 June, 2015 2015 / p. 409-414 : ill <http://dx.doi.org/10.1109/CPE.2015.7231110>

**Experimental verification of light electric vehicle charger multiport topology**

**Jalakas, Tanel; Zakis, Janis** 2015 9th International Conference on Compatibility and Power Electronics (CPE) : proceedings : Faculty of Science and Technology (FCT), Caparica, Lisbon, Portugal, 24-26 June, 2015 2015 / p. 415-418 : ill  
<http://dx.doi.org/10.1109/CPE.2015.7231111>

**Exploring Peirce's speculative grammar : the immediate object of a sign**

**Bellucci, Francesco** Sign systems studies = Tõid märgisüsteemide alalt = Труды по знаковым системам 2015 / p. 399-418  
<https://doi.org/10.12697/SSS.2015.43.4.02> [http://www.ester.ee/record=b1331700\\*est](http://www.ester.ee/record=b1331700*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Exploring the beta quadrant**

**Pietarinen, Ahti-Veikko** Synthese 2015 / p. 941-970 : ill <https://doi.org/10.1007/s11229-015-0677-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Exposure to radiofrequency electromagnetic fields from mobile networking in motor-cars**

**Koppel, Tarmo;** Ahonen, Mikko Bulgarian journal of public health = Българско списание за обществено здраве 2015 / p. 24-30 : ill  
[http://ncphp.government.bg/files/spisanie/BG\\_JURNAL\\_2015\\_2\\_1.pdf](http://ncphp.government.bg/files/spisanie/BG_JURNAL_2015_2_1.pdf)

**Expression of FLNa in human melanoma cells regulates the function of integrin  $\alpha 1 \beta 1$  and phosphorylation and localisation of PKB/AKT/ERK1/2 kinases**

**Krebs, Kristi; Ruusmann, Anu;** Simonlatser, Grethel; **Velling, Teet** European Journal of Cell Biology 2015 / p. 564-575  
<https://doi.org/10.1016/j.ejcb.2015.10.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Extended checkers for control part of routers in network-on-chips**

**Hariharan, Ranganathan; Niazmand, Behrad; Hollstein, Thomas; Raik, Jaan; Jervan, Gert** MEDIAN 2015 : the 4th Workshop on Manufacturable and Dependable Multicore Architectures at Nanoscale : March 13, 2015, Grenoble, France 2015 / p. 36-39 : ill

**Extension of the DSC method to measuring vapor pressures of narrow boiling range oil cuts**

**Siitsman, Carmen; Oja, Vahur** Thermochemica acta 2015 / p. 31-37 : ill <https://doi.org/10.1016/j.tca.2015.04.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Extent and reasons for biodeterioration, salt distribution and damage of plaster in Estonian medieval churches**

**Kallavus, Urve; Kalamees, Targo; Kurik, Lembit; Traksmäa, Rainer** ISBP 2015 : 1st International Symposium on Building Pathology : conference proceedings : March 24-27, 2015, Porto, Portugal 2015 / p. 709-716 : ill

**External shading optimal control macros for 1- and 2-piece automated blinds in European climates**

**Thalfeldt, Martin; Kurnitski, Jarek** Building simulation 2015 / p. 13-25 : ill <https://doi.org/10.1007/s12273-014-0194-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Externalization of public services and the third sector : taking stock of the Estonian local governments' experiences**

**Lember, Veiko** Implementation of new public management tools : experiences from transition and emerging countries 2015 / p. 193-

**Extra cost analyses of two apartment buildings for achieving nearly zero and low energy buildings**

**Pikas, Ergo; Thalfeldt, Martin; Kurnitski, Jarek; Liias, Roode** Liginullenergiahooned täna ja homme : artiklite kogumik 2015 / p. 83-90 : ill

**Extra cost analyses of two apartment buildings for achieving nearly zero and low energy buildings**

**Pikas, Ergo; Thalfeldt, Martin; Kurnitski, Jarek; Liias, Roode** Energy 2015 / p. 623-633 : ill

<https://doi.org/10.1016/j.energy.2015.03.026> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Extraction of oil from Jordanian Attarat oil shale**

**Tiikma, Laine; Johannes, Ille; Luik, Hans; Lepp, Ardi; Šarajeva, Galina** Oil shale 2015 / p. 218-239 : ill

<https://doi.org/10.3176/oil.2015.3.03> [https://artiklid.elnet.ee/record=b2740510\\*est](https://artiklid.elnet.ee/record=b2740510*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Factors affecting the chemical composition of snowpack in the Kilpisjärvi area of North Scandinavia**

**Raidla, Valle; Kaup, Enn; Ivask, Jüri** Atmospheric Environment 2015 / p. 211 - 218 <https://doi.org/10.1016/j.atmosenv.2015.07.043>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Factors influencing multicriteria optimization process**

**Astapov, Victor; Šuvalova, Jelena** Proceedings of the 2015 16th International Scientific Conference on Electric Power Engineering (EPE) : May 20-22, 2015, Czech Republic 2015 / p. 192-197 : ill <http://dx.doi.org/10.1109/EPE.2015.7161190>

**Faculty of Mechanical Engineering 2015**

2015 [http://www.ester.ee/record=b4520528\\*est](http://www.ester.ee/record=b4520528*est)

**Faktat pöytään energiatehokkuuskustelussa [Electronic resource]**

**Kurnitski, Jarek** Rakennuslehti 2015 / [1] p <http://www.rakennuslehti.fi/blogit/faktat-poytaan-energiatehokkuuskustelussa/>

**Faktoloogiat : [TTÜ Küberneetika Instituudi mittelineaarsete protsesside analüüsi keskuse (CENS) kohta]**

Keeruka maailma võlu 2015 / lk. 105-111 [https://www.ester.ee/record=b4488344\\*est](https://www.ester.ee/record=b4488344*est)

**Fashion - an instant language**

Malidze, Mariam Studioosus 2015 / lk. 23 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

**Fast atomic charge calculation for implementation into a polarizable force field and application to an ion channel protein**

**Witter, Raiker; Möllhoff, Margit; Koch, Frank-Thomas; Sternberg, Ulrich** Journal of chemistry 2015 / p. 1-14 : ill

<https://doi.org/10.1155/2015/908204> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Fault simulation with parallel exact critical path tracing in multiple core environment**

**Gorev, Maksim; Ubar, Raimund-Johannes; Devadze, Sergei** 2015 Design, Automation & Test in Europe Conference & Exhibition (DATE) : proceedings 2015 / p. 1180-1185 : ill

**Faulty plant reconfiguration by measurement feedback: Sensor location**

**Kaldmäe, Arvo; Kotta, Ülle; Shumsky, Alexey; Zhirabok, Alexey** IFAC-PapersOnLine 2015 / p. 1283-1288 : ill

<https://doi.org/10.1016/j.ifacol.2015.09.702> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**A feasibility analysis of decentralized solar power using RETScreen in Odisha**

**Mishra, Sambeet; Tripathy, Pratyasha; Ali, Sayed Majid** 2015 International Conference on Electrical, Electronics, Signals, Communication and Optimization (EESCO) : Visakhapatnam, India, 24-25 January 2015 2015 / [6] p. : ill

<https://doi.org/10.1109/EESCO.2015.7253739>

**Feasibility of carbonation of alkaline waste oil shale ash in the rocking-type autoclave reactor**

**Velts-Jänes, Olga; Uibu, Mai; Santos, Rafael; Rijnsburger, Keesjan; Knops, Pol; Kuusik, Rein, keemik** 5th International Conference on Accelerated Carbonation for Environmental and Material Engineering 2015 : New York, New York, USA, 21-24 June 2015 2015 / p. 87-94

**A few-layered graphene on alumina nanofibers for electrochemical energy conversion**

**Hussainova, Irina; Ivanov, Roman; Stamatin, Serban; Anoshkin, Ilya; Skou, Eivind; Nasibulin, Albert** Carbon 2015 / p. 157-164 : ill

<https://doi.org/10.1016/j.carbon.2015.03.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Fibrillization of the mixtures of amyloid beta 1-40 and 1-42**

**Krištal, Jekaterina; Friedemann, Merlin; Tõugu, Vello; Palumaa, Peep** Neurodegenerative diseases 2015 / p. 364

<http://dx.doi.org/10.1159/000381736>

**Field survey of overheating problems in Estonian apartment buildings**

**Maivel, Mikk; Kurnitski, Jarek; Kalamees, Targo** Architectural science review 2015 / p. 1-10 : ill

<https://doi.org/10.1080/00038628.2014.970610> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Filosoofiliselt intiim-robotikast**

**Parmak, Merle** Inseneeria 2015 / lk. 12-13 : ill [https://artiklid.elnet.ee/record=b2711251\\*est](https://artiklid.elnet.ee/record=b2711251*est)

#### **Financial distress and cycle-sensitive corporate investments**

**Maripuu, Peeter; Männasoo, Kadri** Eesti Majandusteaduse Seltsi 10. aastakonverents : Narva-Jõesuu, 30.-31.01.2015 2015

#### **Financial issues perceived by youth : preliminary survey for financial literacy evaluation in the Baltics**

Titko, Jelena; Lace, Natalja; **Põlajeva, Tatjana** Oeconomia Copernicana 2015 / p. 75-98 : ill <http://dx.doi.org/10.12775/OeC.2015.004>

#### **Finantsala ja raamatupidamise võtmeisikud 2015**

2015 [https://www.ester.ee/record=b4477276\\*est](https://www.ester.ee/record=b4477276*est)

#### **Finding the link between CSR reporting and corporate financial performance : evidence on Czech and Estonian listed companies**

Strouhal, Jiri; **Gurvitš, Natalja; Nikitina-Kalamäe, Monika; Startseva, Emilia** Central European business review 2015 / p. 48-59 : tab <http://dx.doi.org/10.18267/j.cebr.132>

#### **Findings from cluster analysis of logistics undergraduate curricula in Europe**

**Niine, Tarvo; Koppel, Ott** Proceedings of 2015 IEEE Global Engineering Education Conference (EDUCON) : 18-20 March 2015, Tallinn University of Technology (TUT), Tallinn, Estonia 2015 / p. 231-238 : ill <http://dx.doi.org/10.1109/EDUCON.2015.7095976>

#### **Finite element modelling of the resistive heating of disposable molecular diagnostics devices**

**Pardy, Tamas; Rang, Toomas;** Tulp, Indrek Computational methods and experimental measurements XVII 2015 / p. 381-391 : ill <http://dx.doi.org/10.2495/CMEM150341>

#### **Finnish Meteorological Institute's open data mining tool**

**Giudici, Andrea; Soomere, Tarmo** 28th Nordic Seminar on Computational Mechanics, 22-23 October, Tallinn, 2015 : proceedings of the NSCM28 2015 / p. 59-62

#### **Firm turnover and inflation dynamics [Online resource]**

**Uusküla, Lenno** 2015 [http://www.ester.ee/record=b4455880\\*est](http://www.ester.ee/record=b4455880*est)

#### **First ice core records of NO<sub>3</sub>– stable isotopes from Lomonosovfonna, Svalbard**

Vega, Carmen Paulina; Pohjola, Veijo Allan; Samyn, Denis; Pettersson, Rickard; Isaksson, Elisabeth; Björkman, Mats P.; **Martma, Tõnu;** Marca, Alina D.; Kaiser, Jan Journal of Geophysical Research 2015 / p. 313 - 330 <https://doi.org/10.1002/2013JD020930> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **First record of the early sheinwoodian carbon isotope excursion (ESCIE) from the Barrandian area of northwestern peri-Gondwana**

Fryda, Jiri; **Lehnert, Oliver;** Joachimski, Michael Estonian Journal of Earth Sciences 2015 / p. 42 - 46

<https://doi.org/10.3176/earth.2015.08> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **First-year dropout in ICT studies**

Kori, Külli; Pedaste, Margus; **Sell, Raivo; Murtazin, Kristina; Rüttnann, Tiia** Proceedings of 2015 IEEE Global Engineering Education Conference (EDUCON) : 18-20 March 2015, Tallinn University of Technology (TUT), Tallinn, Estonia 2015 / p. 437-445 : ill <http://dx.doi.org/10.1109/EDUCON.2015.7096008>

#### **Five tips for international students**

Lagrone, Crystal Studioosus 2015 / lk. 25 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

#### **Fixed-order stabilising controller design by a mixed randomised/deterministic method**

**Nurges, Ülo; Avanesov, Sergei** International journal of control 2015 / p. 335-346 <https://doi.org/10.1080/00207179.2014.953208> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Flexible controller for educational robot kit**

**Ruberg, Priit; Guitar, Aivar; Ellervee, Peeter** 2015 International Conference on Microelectronic Systems Education : MSE '15 : Pittsburgh, PA, May 20-21, 2015 2015 / p. 17-20 : ill <http://dx.doi.org/10.1109/MSE.2015.7160007>

#### **Floating high step-down stacked dc-dc converter based on buck-boost cells [Electronic resource]**

Tibola, Gabriel; Duarte, Jorge; **Blinov, Andrei** EPE'15 ECCE Europe : 8-10 September 2015, Geneva, Switzerland : 17th European Conference on Power Electronics and Applications 2015 / p. 1-10 : ill. [USB] <http://dx.doi.org/10.1109/EPE.2015.7309181>

### **Flood pattern changes in the rivers of the Baltic countries**

Sarauskiene, Diana; Kriauciuniene, Jurate; **Reihan, Alvina**; Klavins, Maris Journal of environmental engineering and landscape management 2015 / p. 28-38 : ill <https://doi.org/10.3846/16486897.2014.937438> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Flow feature extraction for underwater robot localization : preliminary results**

**Muhammad, Naveed**; Strokina, Nataliya; **Toming, Gert**; **Tuhtan, Jeffrey Andrew**; Kämäräinen, Joni-Kristian; **Kruusmaa, Maarja** 2015 IEEE International Conference on Robotics and Automation (ICRA) : Washington State Convention Center, Seattle, Washington, May 26-30, 2015 / p. 1125-1130 : ill <https://doi.org/10.1109/ICRA.2015.7139317> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Flow-sensitive robotic fish : from concept to experiments = Voolutundlik robotkala : ideest katsetusteni**

**Salumäe, Taavi** 2015 [https://www.ester.ee/record=b4446456\\*est](https://www.ester.ee/record=b4446456*est)

### **Fluidized-bed photocatalytic reactor : influence of operating conditions on the elimination of persistent emerging micropollutants**

**Pronina, Natalja**; **Klauson, Deniss**; **Kamenev, Sven**; **Rudenko, Tatjana**; **Künnis-Beres, Kai**; Moiseev, Anna; Deubener, Joachim; **Kritševskaja, Marina** European Conference on Environmental Applications of Advanced Oxidation Processes : 21-24 October 2015, Athens, Greece : conference program and book of abstracts 2015 / p. 124 : ill

### **Fluidized-bed photocatalytic reactor : influence of operating conditions on the elimination of persistent emerging micropollutants**

**Pronina, Natalja**; **Klauson, Deniss**; **Kamenev, Sven**; **Rudenko, Tatjana**; **Künnis-Beres, Kai**; Moiseev, Anna; Deubener, Joachim; **Kritševskaja, Marina** European Conference on Environmental Applications of Advanced Oxidation Processes : 21-24 October 2015, Athens, Greece : book of proceedings 2015 / [1] p. : ill

### **Fluorescence of Beta-2-microglobulin in the spent dialysate**

**Kalle, Sigrid**; **Kressa, H.**; **Tanner, Risto**; **Holmar, Jana**; **Fridolin, Ivo** 16th Nordic-Baltic Conference on Biomedical Engineering : 16. NBC & 10. MTD 2014 Joint Conferences, October 14-16, 2014, Gothenburg, Sweden 2015 / p. 59-62 : ill [https://doi.org/10.1007/978-3-319-12967-9\\_16](https://doi.org/10.1007/978-3-319-12967-9_16) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Fluorescence, electrophoretic and chromatographic fingerprints of herbal medicines and their comparative chemometric analysis**

**Mazina, Jekaterina**; **Vaher, Merike**; **Kuhtinskaja, Maria**; Porõvkina, Larisa; **Kaljurand, Mihkel** Talanta 2015 / p. 233-246 : ill <https://doi.org/10.1016/j.talanta.2015.02.050> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **The Foldy-Lax approximation of the scattered waves by many small bodies for the Lamé system**

**Challa, Durga Prasad**; Sini, Mourad Mathematische Nachrichten 2015 / p. 1834-1872 <https://doi.org/10.1002/mana.201400137> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Fond eraldab Eesti tudengitele Rootsis õppimiseks 500000 eurot**

Jõesaar, Tuuli Eesti Päevaleht 2015 / lk. 6 <https://epi.delfi.ee/artikkel/71437643/fond-eraldab-eesti-tudengitele-rootsis-oppimiseks-500-000-eurot#:~:text=Fond%20saab%20sel%20aastal%2020.mis%20toetab%20Eesti%20tudengite%20õpinguid.>

### **FOPID controller tuning for fractional FOPDT plants subject to design specifications in the frequency domain**

**Tepljakov, Aleksei**; **Petlenkov, Eduard**; **Belikov, Juri** 2015 European Control Conference (ECC) : July 15-17, 2015, Linz, Austria 2015 / p. 3502-3507 : ill <http://dx.doi.org/10.1109/ECC.2015.7331076>

### **Foreign direct investment in Estonia - understanding the impact of public policies on local embeddedness and networking in the food retail and related industries**

**Juuse, Egert**; Endresen, Sylvi Birgit; **Kattel, Rainer** Understanding innovation in emerging economic spaces : global and local actors, networks and embeddedness 2015 / p. 97-118 : ill

### **Foreword**

**Salupere, Andrus**; Maugin, Gerard A. Proceedings of the Estonian Academy of Sciences 2015 / p. 201-202 ; Vol. 64, 3S, p. 323-324

### **Foreword**

**Õpik, Andres** Proceedings of the Estonian Academy of Sciences 2015 / p. 69-70 [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Foreword**

**Mürsepp, Peeter** Acta Baltica historiae et philosophiae scientiarum 2015 / p. 3-4 [https://www.bahps.org/00\\_Foreword-2015-2-00.pdf](https://www.bahps.org/00_Foreword-2015-2-00.pdf)

### **Foreword**

Jakobson, Gabriel; **Ottis, Rain** 2015 7th International Conference on Cyber Conflict : Architectures in Cyberspace : 26-29 May 2015, Tallinn, Estonia 2015 / p. i [http://www.ester.ee/record=b4459022\\*est](http://www.ester.ee/record=b4459022*est) [https://ccdcoe.org/sites/default/files/multimedia/pdf/CyCon\\_2015\\_book.pdf](https://ccdcoe.org/sites/default/files/multimedia/pdf/CyCon_2015_book.pdf)

**Foreword : [selected papers of the 9th International DAAAM Baltic Conference "Industrial Engineering"]**  
**Otto, Tauno** Proceedings of the Estonian Academy of Sciences 2015 / p. 535

**Formal and informal macro-regional transport clusters as a primary step in the design and implementation of cluster-based strategies**

**Nežerenko, Olga; Koppel, Ott** Transport and telecommunication 2015 / p. 207-216 : ill <https://doi.org/10.1515/ttj-2015-0019> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Formal and informal macro-regional transport clusters as primary tools for ensuring stable competitiveness of the Baltic Sea region**

**Nežerenko, Olga; Koppel, Ott** Research and technology - step into the future 2015 / p. 12-14

**Formation of Ca-Zn-Na phosphate bioceramic material in thermal processing of EDTA sol-gel precursor**

**Bogdanoviciene, Irma; Cepenko, Marina; Traksmaa, Rainer; Kareiva, Aivaras; Tõnsuaadu, Kaia** Journal of Thermal Analysis and Calorimetry 2015 / p. 107-114 : ill <https://doi.org/10.1007/s10973-015-4507-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Formation of uniform PVDF fibers under ultrasound exposure in presence of anionic surfactant**

**Tarasova, Elvira; Tamberg, K.-G.; Viirsalu, Mihkel; Savest, Natalja; Gudkova, Viktoria; Krasnou, Illia; Krumme, Andres** Journal of electrostatics 2015 / p. 39-47 : ill <https://doi.org/10.1016/j.elstat.2015.05.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Forms used for graphic representation of an object in engineering graphics [Online resource]**

**Lille, Harri; Ruus, Aime** Scientific proceedings of the 13th International Conference on Engineering Graphics BALTGRAF-13 : June 25-26, 2015, Vilnius 2015 / p. 58-61 : ill <http://doi.org/10.3846/baltgraf.2015.011> [http://www.ester.ee/record=b4512767\\*est](http://www.ester.ee/record=b4512767*est) <https://digi.lib.ttu.ee/73151>

**Fotoreporterid Eestis enne Teist maailmasõda**

**Liibek, Tõnis** Eesti pressifoto 2015 = Estonian press photography 2015 / lk. 12-21 : fot [http://www.ester.ee/record=b2674084\\*est](http://www.ester.ee/record=b2674084*est)

**Foundational MDA patterns for service-oriented computing**

**Atkinson, Colin; Bostan, Philipp; Draheim, Dirk** Journal of object technology 2015 / p. 1-30 : ill <http://dx.doi.org/10.5381/jot.2015.14.1.a1>

**Four novel PWM shoot-through control methods for impedance source DC-DC converters**

**Vinnikov, Dmitri; Roasto, Indrek; Liivik, Liisa; Blinov, Andrei** Journal of power electronics 2015 / p. 299-308 : ill <https://doi.org/10.6113/JPE.2015.15.2.299> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**4th Annual Meeting of G@GPS IGCP 618 Project "Palaeogroundwater from past and present glaciated areas" : Estonia, 5-9 July 2015 : abstracts and field guide**

2015 [https://www.ester.ee/record=b4485883\\*est](https://www.ester.ee/record=b4485883*est)

**4th Annual Meeting of G@GPS IGCP 618 Project "Palaeogroundwater from past and present glaciated areas" : Estonia, 5-9 July 2015 : field guide**

4th Annual Meeting of G@GPS IGCP 618 Project "Palaeogroundwater from past and present glaciated areas" : Estonia, 5-9 July 2015 : abstracts and field guide 2015 / p. 41-59 : ill

**FPGA-based time and cost effective Hamming weight comparators for binary vectors**

**Sklyarov, Valery; Skliarova, Iuliia; Sudnitsõn, Aleksander; Kruus, Margus** Proceedings : EUROCON 2015 : Salamanca, Spain, 8th-11th September 2015 / p. 328-333 : ill <http://dx.doi.org/10.1109/EUROCON.2015.7313700>

**Fractional-order modeling and control of dynamic systems = Murrulistel tuletistel põhinev dünaamiliste süsteemide identifitseerimine ja juhtimine**

**Tepļakov, Aleksei** 2015 [https://www.ester.ee/record=b4494460\\*est](https://www.ester.ee/record=b4494460*est)

**Fragment-based QSAR approach for novel indole-like TrkA receptor antagonist**

**Tammiku-Taul, Jaana; Dobchev, Dimitar Atanasov; Karelson, Mati; Timmusk, Tõnis; Park, Rahel; Jaanson, Kaur; Luberg, Kristi; Kananovich, Dzmitry; Noole, Artur; Kanger, Tõnis; Lopp, Margus** 8th International Symposium on Computational Methods in Toxicology and Pharmacology Integrating Internet Resources (CMTPI-2015) : Chios, Greece, June 21-25, 2015 : book of abstracts 2015 / p. 68

**Framework for analysing the role of state owned enterprises in innovation policy management : the case of energy technologies and Eesti Energia**

**Tõnurist, Piret** Technovation 2015 / p. 1-14 : ill <https://doi.org/10.1016/j.technovation.2014.08.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **A framework for area-efficient concurrent online checkers design**

**Saltarelli, Pietro; Niazmand, Behrad; Hariharan, Ranganathan; Raik, Jaan; Jervan, Gert; Hollstein, Thomas** MEDIAN Finale : Workshop on Manufacturable and Dependable Multicore Architectures at Nanoscale : November 10-11, 2015, Tallinn, Estonia 2015 / p. 64-69 : ill

#### **A framework for combining concurrent checking and online embedded test for low-latency fault detection in NoC routers**

**Saltarelli, Pietro; Niazmand, Behrad; Raik, Jaan; Govind, Vineeth; Hollstein, Thomas; Jervan, Gert; Hariharan, Ranganathan** NOCS '15 : International Symposium on Networks-on-Chip : Vancouver, BC, Canada, September 28-30, 2015 2015 / [8] p. : ill <http://dx.doi.org/10.1145/2786572.2788713>

#### **A framework for comprehensive automated evaluation of concurrent online checkers**

**Saltarelli, Pietro; Niazmand, Behrad; Raik, Jaan; Hariharan, Ranganathan; Jervan, Gert; Hollstein, Thomas** Euromicro Conference on Digital System Design : DSD 2015 : 26-28 August 2015, Funchal, Madeira, Portugal : proceedings 2015 / p. 288-292 : ill <http://dx.doi.org/10.1109/DSD.2015.15>

#### **A framework for comprehensive impact assessment in the case of an extreme winter scenario, considering integrative aspects of systemic vulnerability and resilience**

**Molarius, Riitta; Tuomaala, Pekka; Piira, Kalevi; Räikkönen, Minna; Aubrecht, Christoph; Polese, Maria; Zuccaro, Giulio; Pilli-Sihvola, Karoliina; Rannat, Kalev** CMES - Computer Modeling in Engineering and Sciences 2015 / p. 131 - 158  
<https://www.techscience.com/CMES/v109-110n2/27295> <https://doi.org/10.3970/cmcs.2015.109.131> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Framework for continuous improvement of production processes**

**Sahno, Jevgeni; Ševtšenko, Eduard; Karaulova, Tatjana; Tahera, Khadija** Inžinerine ekonomika = Engineering economics 2015 / p. 169-180 : ill <https://doi.org/10.5755/j01.ee.26.2.6969> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Framework for continuous improvement of production processes and product throughput**

**Sahno, Jevgeni; Ševtšenko, Eduard; Zahharov, Roman** Procedia engineering 2015 / p. 511-519 : ill  
<https://doi.org/10.1016/j.proeng.2015.01.398> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **A framework for managing post-disaster housing reconstruction**

**Bilau, Abdulquadri Ade; Witt, Emlyn David Qivitoq; Lill, Irene** Procedia economics and finance 2015 / p. 313-320 : ill

#### **Frequency and power allocation schemes for heterogeneous networks including femto cells**

**Ahmed, Tauseef; Le Moullec, Yannick** 2015 23rd Telecommunications Forum (TELFOR) : Belgrade, Serbia, November, 24-26, 2015 : proceedings of papers = XXIII Телекомуникациони Форум ТЕЛФОР 2015 : зборник радова 2015 / p. 277-280 : ill  
<http://dx.doi.org/10.1109/TELFOR.2015.7377464>

#### **Frequency-optimized rectangular pulses for deep brain stimulation**

**Gordon, Rauno; Min, Mart; Land, Raul** International journal of bioelectromagnetism 2015 / p. 13-19 : ill

#### **Frequency-optimized rectangular pulses for deep brain stimulation**

**Gordon, Rauno; Min, Mart; Land, Raul** The 10th International Conference on Bioelectromagnetism : proceedings 2015 / [2] p. : ill

#### **Friedrich Nietzsche y la economía : problemas de investigacion**

**Drechsler, Wolfgang** Revista Ensayos 2015 / p. 199-208 <http://www.revistas.unal.edu.co/index.php/ensayos/issue/view/4511/showToc>

#### **From migmatites to plutons : power law relationships in the evolution of magmatic bodies**

**Soesoo, Alvar; Bons, Paul Dirk** Pure and Applied Geophysics 2015 / p. 1787 - 1801 <https://doi.org/10.1007/s00024-014-0995-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **From network to hierarchy : the evolution of the Estonian senior civil service development system**

**Randma-Liiv, Tiina; Uudelepp, Annika; Sarapuu, Külli** International review of administrative sciences 2015 / p. 373-391  
<https://doi.org/10.1177/0020852314566001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **From owners' knowledge vision to organizational performance**

**Wahl, Mike Franz** 12th Workshop on Corporate Governance : Brussels, Belgium, October 29-30, 2015 2015 / p. 1-14

#### **FSMD RTL design manipulation for clock interface abstraction**

**Abrar, Syed Saif; Jenihhin, Maksim; Raik, Jaan** 2015 International Conference on Advances in Computing, Communications and Informatics (ICACCI) : 10-13 August 2015, Kerala, India 2015 / p. 463-468 : ill <http://dx.doi.org/10.1109/ICACCI.2015.7275652>

#### **Full soft-switching bidirectional current-fed DC-DC converter**

**Chub, Andrii; Kosenko, Roman; Blinov, Andrei; Ivakhno, Volodymyr; Zamaruev, Volodymyr; Styslo, Bogdan** 2015 56th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2015 / p. 189-194 : ill

### **Full soft-switching high step-up current-fed DC-DC converters with reduced conduction losses**

**Kosenko, Roman; Husev, Oleksandr; Chub, Andrii** 2015 IEEE 5th International Conference on Power Engineering, Energy and Electrical Drives (POWERENG) : proceedings : May 11-13, 2015, Riga, Latvia 2015 / p. 170-175 : ill <http://dx.doi.org/10.1109/PowerEng.2015.7266313>

### **Functional self-test of high-performance pipe-lined signal processing architectures**

**Gorev, Maksim; Ubar, Raimund-Johannes; Ellervee, Peeter; Devadze, Sergei; Raik, Jaan; Min, Mart** Microprocessors and microsystems 2015 / p. 909-918 : ill <https://doi.org/10.1016/j.micpro.2014.11.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A future nearly Zero Energy Hotel in Italy**

**Corino, Oriana; Buso, Tiziana; Kurnitski, Jarek** The REHVA European HVAC journal 2015 / 28-32

### **Füüsika. I : praktikumi tööjuhendid**

2015 [http://www.ester.ee/record=b4525849\\*est](http://www.ester.ee/record=b4525849*est)

### **Füüsiku kuninglik harrastus : [TTÜ okeonograafiaprofessori Sirje Keevalliku balletiharrastusest]**

**Keevallik, Sirje** Mente et Manu 2015 / lk. 18-19 : fot [https://artiklid.elnet.ee/record=b2718134\\*est](https://artiklid.elnet.ee/record=b2718134*est)

### **Füüsilised tõendid isikuvastaste kuritegude lahendamisel**

**Tiks, Tanel; Aaspõllu, Anu** 2015 [https://www.ester.ee/record=b4453320\\*est](https://www.ester.ee/record=b4453320*est)

### **FYPsim : evaluation tool for solar-based energy harvesting for WSNs**

**Ahmed, Faisal; Le Moullec, Yannick; Annus, Paul** International journal of bioelectromagnetism 2015 / p. 75-86 : ill

### **Galvanically isolated quasi-Z-source DC-DC converter with a novel ZVS and ZCS technique**

**Husev, Oleksandr; Liivik, Liisa; Blaabjerg, Frede; Chub, Andrii; Vinnikov, Dmitri; Roasto, Indrek** IEEE transactions on industrial electronics 2015 / p. 7547-7556 : ill <https://doi.org/10.1109/TIE.2015.2455522> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Galvanically isolated quasi-Z-source DC-DC converters with combined energy transfer for renewable energy sources integration**

**Chub, Andrii; Vinnikov, Dmitri; Jalakas, Tanel** 2015 IEEE International Conference on Industrial Technology (ICIT 2015) : Seville, Spain, 17-19 March 2015 2015 / p. 2896-2900 : ill <https://doi.org/10.1109/ICIT.2015.7125525> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Gas-phase photocatalytic oxidation of mixtures of refractory organic compounds : through the net of process limitations**

**Kritševskaja, Marina; Moiseev, Anna; Preis, Sergei; Deubener, Joachim** European Conference on Environmental Applications of Advanced Oxidation Processes : 21-24 October 2015, Athens, Greece : book of proceedings 2015 / [2] p. : ill

### **Gas-phase photocatalytic oxidation of mixtures of refractory organic compounds : through the net of process limitations**

**Kritševskaja, Marina; Moiseev, Anna; Preis, Sergei; Deubener, Joachim** European Conference on Environmental Applications of Advanced Oxidation Processes : 21-24 October 2015, Athens, Greece : conference program and book of abstracts 2015 / p. 127 : ill

### **Gendered approach to job insecurity**

**Parts, Velli** International Convention of Psychological Science : ICPS 2015 : 12-14 March 2015, Amsterdam, The Netherlands 2015

### **Gene silencing suppression in plants**

**Sarmiento Guerin, Maria Cecilia** VI Baltic Genetics Congress : September 30 - October 3, 2015, Institute of Molecular and Cell Biology, Tartu, Estonia : book of abstracts 2015 / 1 p

### **Generalization of the double-reversal method of finding a canonical residual finite state automaton**

**Tamm, Hellis** Descriptive Complexity of Formal Systems 17th International Workshop, DCFS 2015, Waterloo, ON, Canada, June 25-27, 2015. Proceedings 2015 / p. 268 - 279 [https://doi.org/10.1007/978-3-319-19225-3\\_23](https://doi.org/10.1007/978-3-319-19225-3_23) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Generator mode analysis of exterior-rotor PM synchronous machine with Gramme's winding**

**Nukki, Rene; Kilik, Aleksander; Kallaste, Ants; Vaimann, Toomas; Tiimus, Kristjan** 2015 IEEE 5th International Conference on Power Engineering, Energy and Electrical Drives (POWERENG) : proceedings : May 11-13, 2015, Riga, Latvia 2015 / p. 347-352 : ill <http://dx.doi.org/10.1109/PowerEng.2015.7266341>

### **Genetic approximations for the failure-free security games**

**Lenin, Aleksandr; Willemson, Jan; Charnamord, Anton** Decision and game theory for security : 6th International Conference, GameSec 2015, London, UK, November 4-5, 2015 : proceedings 2015 / p. 311-321 : ill [https://doi.org/10.1007/978-3-319-25594-1\\_17](https://doi.org/10.1007/978-3-319-25594-1_17) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Genome-wide investigation of mRNA lifetime determinants in Escherichia coli cells cultured at different growth rates**  
Esquerré, Thomas; Moisan, Annick; Chiapello, Hélène; Arike, Liisa; **Vilu, Raivo**; Gaspin, Christine; Cocaïgn-Bousquet, Muriel; Girbal, Laurence BMC Genomics 2015 / art. 275 <https://doi.org/10.1186/s12864-015-1482-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Geodeedid valmistavad maailma kolmemõõtmelise mudeli**

Aru, Erik Mente et Manu 2015 / lk. 16-17 : fot [https://artiklid.elnet.ee/record=b2725563\\*est](https://artiklid.elnet.ee/record=b2725563*est)

**Geodetic monitoring of bridge deformations occurring during static load testing**

**Mill, Tarvo; Ellmann, Artu**; Kiisa, Martti; **Idnurm, Juhan**; Horemuz, Milan; **Aavik, Andrus** The Baltic journal of road and bridge engineering 2015 / p. 17-27 : ill <https://doi.org/10.3846/bjrbe.2015.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Geomagnetic storms' effect on work productivity [Electronic resource]**

**Koppel, Tarmo** Doctoral school in economics and innovation : Doctoral Summer School 2015 : August 3-6, Pühajärve 2015 / 6 p. [CD-ROM]

**Geometrical deviations measurement uncertainty estimation using random function**

**Kulderknup, Edi**; Pandis, Argo IMEKO XXI World Congress : August 30 - September 4, 2015 : full papers 2015 / p. 1467-1470 : ill

**Geotehnilise eritöö teostamine [Võrguteavik] : puurvaiaid = Execution of special geotechnical works : bored piles**

2015 [http://www.ester.ee/record=b4531993\\*est](http://www.ester.ee/record=b4531993*est)

**Geotehniliste eritööde tegemine [Võrguteavik] : pinnaseankrud = Execution of special geotechnical works : ground anchors**

2015 [http://www.ester.ee/record=b4483628\\*est](http://www.ester.ee/record=b4483628*est)

**Geotehniliste eritööde teostamine [Võrguteavik] : süvastabiliseerimine = Execution of special geotechnical works : deep mixing**

2015 [http://www.ester.ee/record=b4455230\\*est](http://www.ester.ee/record=b4455230*est)

**Geothermal energy piles and borehole design with heat pump in a whole building simulation**

**Fadejev, Jevgeni** Liginullenergiahooned täna ja homme : artiklite kogumik 2015 / p. 126-131 : ill

**Geothermal energy piles and boreholes design with heat pump in a whole building simulation software**

**Fadejev, Jevgeni; Kurnitski, Jarek** Energy and buildings 2015 / p. 23-34 : ill <https://doi.org/10.1016/j.enbuild.2015.06.014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**GlasStress : nad tõesti teavad, kuidas klaasi kvaliteeti hinnata**

Puusild, Harro Inseneeria 2015 / lk. 7-8 : ill [https://artiklid.elnet.ee/record=b2738546\\*est](https://artiklid.elnet.ee/record=b2738546*est)

**Globaalne ettevõtlusmonitooring 2014. Eesti raport**

Elenurm, Tiit; **Küttim, Merle**; Masso, Jaan; Paes, Kadri; Raudsaar, Mervi; Riistop, Rivo; Varblane, Urmas; **Venesaar, Urve** 2015 [http://www.arengufond.ee/wp-content/uploads/2015/11/GEM\\_2014\\_Eesti.pdf](http://www.arengufond.ee/wp-content/uploads/2015/11/GEM_2014_Eesti.pdf)

**Global, regional, and national consumption of sugar-sweetened beverages, fruit juices, and milk : a systematic assessment of beverage intake in 187 countries**

Singh, Gitanjali M.; Micha, Renata; Khatibzadeh, Shahab; Shi, Peilin; Lim, Stephen; Andrews, Kathryn G.; Engell, Rebecca E.; Ezzati, Majid; Mozaffarian, Dariush; Fahimi, Saman; **Vaask, Sirje** PLoS ONE 2015 / art. e0124845 <https://doi.org/10.1371/journal.pone.0124845> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Going open source in developing production monitoring system**

**Snatkin, Aleksei; Eiskop, Tanel** Doctoral School of Energy and Geotechnology II : closing conference of the project : Pärnu, Estonia, January 12-17, 2015 2015 / p. 171-173 : ill

**Governance of cyber-security in Internet-based elections [Online resource]**

**Krimmer, Robert Johannes; Rincon Mendez, Angelica Marina; Meyerhoff Nielsen, Morten** Proceedings of the 1st Interdisciplinary Cyber Research Workshop 2015 : 18th of July 2015, Tallinn University of Technology 2015 / p. 7-9 <http://cybercentre.cs.ttu.ee/en/icr2015/>

**Governance of green transport corridors**

**Prause, Gunnar Klaus** Research and technology - step into the future 2015 / p. 7

**Governing the school choice : from market mechanisms to equity enabling configurations**

**Lauri, Triin** 2015 [https://www.ester.ee/record=b4474702\\*est](https://www.ester.ee/record=b4474702*est)

**Graphene-encapsulated aluminium oxide nanofibers as a novel type of nanofillers for electroconductive ceramics**  
**Ivanov, Roman; Hussainova, Irina; Aghayan, Marina; Drozdova, Maria; Perez-Coll, Domingo; Rodriguez, Miguel Angel; Rubio-Marcos, Fernando** Journal of the European Ceramic Society 2015 / p. 4017-4021 : ill <https://doi.org/10.1016/j.jeurceramsoc.2015.06.011>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Gravitropic response of arabidopsis inflorescence stems in myosin mutant plants [Online resource]**  
**Talts, Kristiina; Ojangu, Eve-Ly; Ilau, Birger; Truve, Erkki; Paves, Heiti** Environmental adaptation : from molecules to the planet : the Estonian Centre of Excellence in Environmental Adaptation ENVIRON. Final conference : October 1-3, 2015, Dorpat Conference Centre, Tartu, Estonia : abstract book 2015 / p. 57-58  
[http://environ.emu.ee/userfiles/environ/Abstract\\_Book\\_ENVIRON%20final%20conference%202015.pdf](http://environ.emu.ee/userfiles/environ/Abstract_Book_ENVIRON%20final%20conference%202015.pdf)

**Gray, R.D.; Ruškuc, N. On residual finiteness of monoids, their Schützenberger groups and associated actions. J. Algebra 407, 21-45 (2014) : [review]**  
**Henno, Jaak** Zentralblatt MATH 2015 / [1] p <https://zbmath.org/?t=&s=0&q=06335277>

**Gray, Robert D. The minimal number of generators of a finite semigroup. Semigroup Forum 89, No. 1, 135-154 (2014) : [review]**  
**Henno, Jaak** Zentralblatt MATH 2015 / [1] p

**Grensing, Anna-Louise; Mazorchuk, Volodymyr. Categorification of the Catalan monoid. Semigroup Forum 89, No. 1, 155-168 (2014) : [review]**  
**Henno, Jaak** Zentralblatt MATH 2015 / [1] p

**Grid-connected photovoltaic systems : an overview of recent research and emerging PV converter technology**  
**Kouro, Samir; Leon, Jose I.; Vinnikov, Dmitri; Franquelo, Leopoldo G.** IEEE industrial electronics magazine 2015 / p. 47-61 : ill  
<https://doi.org/10.1109/MIE.2014.2376976> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Grillet, Pierre Antoine. Counting semigroups. Commun. Algebra 43, No. 2, 574-596 (2015) : [review]**  
**Henno, Jaak** Zentralblatt MATH 2015 / [1] p

**Grillet, Pierre Antoine. Semigroups that are almost N3. Commun. Algebra 43, No. 2, 558-573 (2015) : [review]**  
**Henno, Jaak** Zentralblatt MATH 2015 / [1] p

**Groups of order 32 and their endomorphism semigroups**  
**Puusemp, Peeter; Puusemp, Piret** 2015 [https://www.ester.ee/record=b4505949\\*est](https://www.ester.ee/record=b4505949*est)

**Growth dynamics of nanocrystalline diamond films produced by microwave plasma enhanced chemical vapor deposition in methane/hydrogen/air mixture : scaling analysis of surface morphology**  
**Podgurski, Vitali; Bogatov, Andrei; Sedov, V.; Sildos, Ilmo; Mere, Arvo; Viljus, Mart; Buijnsters, J. G.; Ralchenko, V.** Diamond and related materials 2015 / p. 172-179 : ill <https://doi.org/10.1016/j.diamond.2015.07.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Growth of CZTS-based monograins and their application to membrane solar cells**  
**Melikov, Enn; Altosaar, Mare; Kauk-Kuusik, Marit; Timmo, Kristi; Meissner, Dieter; Grossberg, Maarja; Krustok, Jüri; Volobujeva, Olga** Copper zinc tin sulfide-based thin film solar cells 2015 / p. 289-309 : ill

**Gunshot acoustic component localization with distributed circular microphone arrays**  
**Astapov, Sergei; Ehala, Johannes; Berdnikova, Julia; Preden, Jürjo-Sören** DSP 2015 : 2015 IEEE International Conference on Digital Signal Processing (DSP) : 21-24 July 2015, Singapore 2015 / p. 1186-1190 : ill

**Hakatus e aeg**  
Tartlan, Tiit OAS-65 inseneriteel : TPI soojusenergeetika kateedri 1965. aasta vilistlaste meenutusi ja mõtisklusi tudengiajast, õppejõududest, üksteisest, inseneritööst 2015 / lk. 73-78 : ill [https://www.ester.ee/record=b4535813\\*est](https://www.ester.ee/record=b4535813*est)

**Harald-Adam Velner : bibliograafia**  
2015 [https://www.ester.ee/record=b4532894\\*est](https://www.ester.ee/record=b4532894*est)

**Hardfacings for extreme wear applications**  
**Kulu, Priit; Surženkov, Andrei; Tarbe, Riho; Saarna, Mart; Tarraste, Marek; Viljus, Mart** Surface Modification Technologies XXVIII : proceedings of the Twenty Eighth International Conference on Surface Modification Technologies : Tampere University of Technology, Tampere, Finland, June 16-18, 2014 2015 / p. 149-157 : ill

**Hardo Aasmäe, ekspeditsioonid ja rännakud**  
Kollist, Andres Eesti Geograafia Seltsi aastaraamat = Year-book of the Estonian Geographical Society. 40. kd 2015 / lk. 197-204 : ill  
[http://ise.elnet.ee/record=b2808404~S2\\*est](http://ise.elnet.ee/record=b2808404~S2*est) [https://www.ester.ee/record=b1237665\\*est](https://www.ester.ee/record=b1237665*est)

### **Hardware accelerators for information retrieval and data mining**

Sklyarov, Valery; Skliarova, Iouliia; Silva, João; **Sudnitsõn, Aleksander; Rjabov, Artjom** 2015 International Conference on Information and Communication Technology Research (ICTRC2015) : Abu Dhabi, United Arab Emirates, May 17-19, 2015 2015 / p. 202-205 : ill <http://dx.doi.org/10.1109/ICTRC.2015.7156457>

### **Hardware-in-the-loop simulator of vessel electric propulsion drive**

**Vodovozov, Valery; Raud, Zoja; Bakman, Ilja; Lehtla, Tõnu; Gevorkov, Levon** 2015 9th International Conference on Compatibility and Power Electronics (CPE) : proceedings : Faculty of Science and Technology (FCT), Caparica, Lisbon, Portugal, 24-26 June, 2015 2015 / p. 425-430 : ill <http://dx.doi.org/10.1109/CPE.2015.7231113>

### **Haridusturgude peidus pool - koolidevahelise ebavõrdsuse süvenemine koolivaliku tõttu**

**Pöder, Kaire; Lauri, Triin** Lõksudest välja? 2015 / lk. 78-85 : ill <http://www.kogu.ee/wp-content/uploads/2015/06/EIA-2015.pdf>  
[http://www.ester.ee/record=b4482495\\*est](http://www.ester.ee/record=b4482495*est)

### **Hariliku murru mõistest arusaamine 7. klassis**

Kunder, Jana; **Kurvits, Jüri** Koolimatemaatika. XLII 2015 / lk. 61-73 : ill

### **Harjutused tulevastele laevaohvitseridele kuival maal - laevasimulaatoritel**

**Niit, Jane** Paat & Meremees 2015 / lk. 86-87

### **Haruldane kiiver diagnoosib ajutraumasid**

Kalberg, Signe; **Herranen, Henrik** Eesti Päevaleht 2015 / lk. 23 <https://epl.delfi.ee/artikkel/73155313/haruldane-kiiver-diagnoosib-ajutraumasid>

### **Hea ajakirja Meremees lugeja!**

**Leiger, Roomet** Paat & Meremees 2015 / lk. 73 [https://artiklid.elnet.ee/record=b2718640\\*est](https://artiklid.elnet.ee/record=b2718640*est)

### **Head kolleegid, lugupeetud üliõpilased**

**Okk, Gunnar** Mente et Manu 2015 / lk. 4-5 : fot [https://artiklid.elnet.ee/record=b2738539\\*est](https://artiklid.elnet.ee/record=b2738539*est)

### **Head lugejad! : [juhtkiri]**

**Leiger, Roomet** Paat & Meremees 2015 / lk. 71

### **Heat of combustion of oxygen containing shale oil**

**Järvik, Oliver; Oja, Vahur; Baird, Zachariah Steven; Yanchilin, Alexey** Chemical engineering and biochemical engineering for a new sustainable process industry in Europe : ECCE10+ECAB3+EPIC5 : September 27th - October 1st 2015, Nice, France : abstract book 2015 / p. 1464

### **Heat treatment of ultrafine grained AA6061 consolidation by equal channel angular pressing**

**Pramono, Agus; Kollo, Lauri; Kallip, Kaspar; Veinthal, Renno; Gomon, Jaana-Kateriina** Instrumentation and measurement systems 2015 / p. 252-256 <http://dx.doi.org/10.4028/www.scientific.net/AMM.771.252>

### **Heating rate effect on the thermal behaviour of some clays and their mixtures with oil shale ash additives**

**Kaljuvee, Tiit; Štubna, Igor; Hulan, Tomaš; Kuusik, Rein,** keemik 3rd Central and Eastern European Conference on Thermal Analysis and Calorimetry, 25-28 August 2015, Ljubljana, Slovenia : book of abstracts 2015

### **Heating system efficiency aspects in low-energy residential buildings = Küttesüsteemi efektiivsuse aspektid madalenergia eluhoonetes**

**Maivel, Mikk** 2015 [https://www.ester.ee/record=b4484289\\*est](https://www.ester.ee/record=b4484289*est)

### **Heating system return temperature effect on heat pump performance**

**Maivel, Mikk** Liginullenergiahooned täna ja homme : artiklite kogumik 2015 / p. 112-118 : ill

### **Heating system return temperature effect on heat pump performance**

**Maivel, Mikk; Kurnitski, Jarek** Energy and buildings 2015 / p. 71-79 : ill <https://doi.org/10.1016/j.enbuild.2015.02.048> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Heiti Hääl eelistaks uut rektorihaaletust**

Postimees 2015 / lk. 3

### **Helilained, mis kohtudes tervitavad teineteist. Mittelineaarne kellahelin**

**Braunbrück, Andres** Keeruka maailma võlu 2015 / lk. 46-48 : ill [https://www.ester.ee/record=b4488344\\*est](https://www.ester.ee/record=b4488344*est)

### **Hella Kink : väsimatu võitleja : 26.IV 1933 - 9. VI 2014**

Järvet, Arvo; **Raukas, Anto** Eesti Geograafia Seltsi aastaraamat = Year-book of the Estonian Geographical Society. 40. kd 2015 / lk. 213-217 : ill [http://ise.elnet.ee/record=b2808438~S2\\*est](http://ise.elnet.ee/record=b2808438~S2*est) [https://www.ester.ee/record=b1237665\\*est](https://www.ester.ee/record=b1237665*est)

### **Helsingi-Tallinna tunnel tulgu!**

**Pihlak, Ilmar** Teeleht 2015 / lk. 33-35 : ill [https://artiklid.elnet.ee/record=b2747061\\*est](https://artiklid.elnet.ee/record=b2747061*est)

### **Hepatitis E virus in domestic pigs, wild boars, pig farm workers, and hunters in Estonia**

Ivanova, A.; **Värv, K**; Jokelainen, P; Lassen, B; Viltrop, A; Golovljova, Irina VI Baltic Genetics Congress : September 30 - October 3, 2015, Institute of Molecular and Cell Biology, Tartu, Estonia : book of abstracts 2015 / 1 p

### **High accuracy filter transmission measurement for determination of the detection efficiency calibration of Si-SPAD detectors**

**Dhoska, Klodian**; Hofer, Helmuth; Rodiek, Beatrice; Lopez, Marco; **Kübarsepp, Toomas**; Kück, Stefan Proceedings of the 10th International Conference of DAAAM Baltic Industrial Engineering, 12-13th May 2015, Tallinn, Estonia 2015 / p. 123-127 : ill

### **High temperature electrical conductivity in undoped ceramic ZnO**

**Lott, Kalju**; **Nirk, Tiit**; Gorokhova, Elena; **Tünn, Leo**; **Viljus, Mart**; **Öpik, Andres**; Vishnjakov, A. Crystal research and technology 2015 / p. 10-14 : ill <https://doi.org/10.1002/crat.201400138> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

### **High temperature erosion wear of cermet particles reinforced self-fluxing alloy HVOF sprayed coatings**

**Surženkov, Andrei**; **Goljandin, Dmitri**; **Traksmaa, Rainer**; **Viljus, Mart**; **Talviste, Kristofer**; **Aruniit, Aare**; Latokartano, Jyrki; **Kulu, Priit** Medžiagotyra = Materials science 2015 / p. 386-390 : ill <https://doi.org/10.5755/j01.ms.21.3.7617> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **High voltage diffusion welded stacks on the basis of SiC Schottky diodes**

**Korolkov, Oleg**; **Sleptšuk, Natalja**; **Annus, Paul**; **Land, Raul**; **Rang, Toomas** ICSRM 2015 : program guide 2015 / p. 73

### **High-efficiency 312-kVA three-phase inverter using parallel connection of silicon carbide MOSFET power modules**

Colmenares, Juan; Peftitsis, Dimosthenis; **Rabkowski, Jacek** IEEE transactions on industry applications 2015 / p. 4664-4676 : ill <http://dx.doi.org/10.1109/TIA.2015.2456422>

### **High-efficiency internal combustion engine used in the unmanned aircraft**

**Tiimus, Kristjan**; Murumäe, Mikk; **Väljaots, Eero**; **Tamre, Mart** Mechatronic systems and materials VI 2015 / p. 928-933 : ill <https://doi.org/10.4028/www.scientific.net/SSP.220-221.928> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Highlights from REHVA Supporters' Seminar 2015**

**Kurnitski, Jarek** The REHVA European HVAC journal 2015 / 56-59

### **High-performance liquid chromatography (HPLC)-size exclusion chromatography (SEC) for qualitative detection of humic substances and dissolved organic matter in mineral soils and peats in Lithuania**

Jokubauskaite, Ieva; Amaleviciute, Kristina; **Lepane, Viia**; Slepeliene, Alvyra; Slepetyš, Jonas; Liaudanskiene, Inga; Karcauskiene, Danute; Booth, Colin A. International journal of environmental analytical chemistry 2015 / p. 508-519 : ill <https://doi.org/10.1080/03067319.2015.1048435> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Hiiu humor**

**Kaevats, Ülo**; Kõrv, Jaanus Hiiumaa : loodus. Aeg. Inimene 2015 / lk. 865-870

### **Hiiumaa : loodus. Aeg. Inimene**

2015 [https://www.ester.ee/record=b4463339\\*est](https://www.ester.ee/record=b4463339*est)

### **Hirmude hajutamise ootused**

**Penjam, Tiia** Mente et Manu 2015 / lk. 4-5 : fot [https://artiklid.elnet.ee/record=b2749530\\*est](https://artiklid.elnet.ee/record=b2749530*est)

### **Histone variant macroH2A1 marks liver aging and orchestrates the escape from senescence induced by DNA hypomethylation in hepatocellular carcinoma**

Vinciguerra, Manlio; Borghesan, Michela; **Pata, Illar** FASEB journal 2015 / p. LB445 [http://www.fasebj.org/content/29/1\\_Supplement/LB445.abstract?sid=be8d3cfb-d355-472f-85cd-be98cdd4e074](http://www.fasebj.org/content/29/1_Supplement/LB445.abstract?sid=be8d3cfb-d355-472f-85cd-be98cdd4e074)

### **A Hoare logic for the coinductive trace-based big-step semantics of While**

**Nakata, Keiko**; **Uustalu, Tarmo** Logical methods in computer science 2015 / p. 1-32 [https://doi.org/10.2168/LMCS-11\(1:1\)2015](https://doi.org/10.2168/LMCS-11(1:1)2015) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Home could be anywhere**

Stepanenko, Dmitrii Studioosus 2015 / lk. 24 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

## **Homo doctorantus**

Simson, Taavi Studioosus 2015 / lk. 12-13 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

## **Homogenization technique for axially laminated rotors of synchronous reluctance machines**

Martin, Florian; Belahcen, Anouar; Lehikoinen, Antti; Rasilo, Paavo IEEE transactions on magnetics 2015 / [6] p. : ill <http://dx.doi.org/10.1109/TMAG.2015.2463262>

## **Hoolega hoitud teadusmõtte järjepidevus**

Engelbrecht, Jüri Horisont 2015 / lk. 56-57 : fot [https://artiklid.elnet.ee/record=b2749519\\*est](https://artiklid.elnet.ee/record=b2749519*est)

## **Hoone elektrisüsteemi parameetrid, mis sobivad uuendusteks (draiverid). Negatiivsed eripärad, millele tuleb tähelepanu pöörata, et vältida uuenduste realiseerimise ebapiisava tasuvuse ja mitesobiva tehnilise kõrvalmõju teket**

Saikovski, Valeri; Teemets, Raivo TEUK XVII : taastuvate energiaallikate uurimine ja kasutamine : seitsmeteistkümnenda konverentsi kogumik = Investigation and usage of renewable energy sources : seventeenth conference proceedings : [2015 : Tartu] 2015 / lk. 80-87 : ill

## **Hot and cold of pressing effect on ECAP-parallel channel composite based on Al/ANF material**

Pramono, Agus; Kommel, Lembit; Kollo, Lauri; Veinthal, Renno Advanced materials research 2015 / p. 343-347 <http://dx.doi.org/10.4028/www.scientific.net/AMR.1123.343>

## **Hourly test reference weather data in the changing climate of Finland for building energy simulations**

Jylhä, Kirsti; Ruosteenoja, Kimmo; Kalamees, Targo Data in brief 2015 / p. 162-169 : ill <http://dx.doi.org/10.1016/j.dib.2015.04.026>

## **Household debt repayment problems : implications for the real economy [Electronic resource]**

Kukk, Merike Doctoral school in economics and innovation : Doctoral Summer School 2015 : August 3-6, Pühajärve 2015 / 27 p. : ill. [CD-ROM]

## **Housing affordability changes in Baltic capitals : on the effect of housing boom and negative housing equity on housing affordability**

Kahre, Kristian; Kolbre, Ene Book of abstracts : [22nd Annual European Real Estate Society Conference, ERES 2015, 24-27 June 2015, Istanbul, Turkey] 2015 / p. 73 [http://www.eres2015.itu.edu.tr/Book\\_of\\_Abstracts.pdf](http://www.eres2015.itu.edu.tr/Book_of_Abstracts.pdf)

## **How did household indebtedness hamper consumption during the recession? Evidence from micro data [Online publication]**

Kukk, Merike 2015 <http://www.asimmetrie.org/working-papers/wp-201505-how-did-household-indebtedness-hamper-consumption-during-the-recession-evidence-from-micro-data/>

## **How do firms really learn : exploring the elements of absorptive capacity**

Rungi, Mait; Stulova, Valeria EURAM'15 : 15th annual conference : Warsaw, 17-20 June, 2015 2015 / p. 1-30 : ill <http://2015.euramfullpaper.org/PDF/download/1942-How%20do%20firms%20really%20learn%20%20Exploring%20the%20elements%20of%20absorptive%20capacity.pdf>

## **How have ex-post-Socialist countries done in the economic crisis?**

Tanning, Toivo GISAP : economics, jurisprudence and management 2015 / p. 27-30 : ill <http://dx.doi.org/10.18007/gisap:ejm.v0i7.888>

## **How ICT will influence public administration as a scholarly discipline**

Drechsler, Wolfgang Administrative culture = Halduskultuur = Административная культура = Verwaltungskultur = Hallintokulttuuri. Vol. 16, no. 1 2015 / p. 68-82 <https://halduskultuur.eu/journal/index.php/HKAC/article/view/133> Journal metrics at Scopus Article at Scopus

## **How lifecycle influences capabilities and their development : empirical evidence from Estonia, a small European country**

Rungi, Mait International journal of managing projects in business 2015 / p. 133-153 : ill <https://doi.org/10.1108/IJMPB-06-2014-0054> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

## **How much do you know about Estonia? : [välisüliõpilaste küsitlusest]**

Sala, Liina Studioosus 2015 / lk. 18-19 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

## **How much does it cost to catalog a document? A case study in Estonian university libraries**

Kont, Kate-Riin Cataloging & classification quarterly 2015 / p. 825-850 : ill <https://doi.org/10.1080/01639374.2015.1020463> Journal metrics at Scopus Article at Scopus

## **How much is too much - equilibrium points for good export and R&D intensity : data of world top 2000 companies**

Rungi, Mait; Ida, Andres IEEM 2015 : 2015 IEEE International Conference on Industrial Engineering and Engineering Management : 6-9 December 2015, Singapore 2015 / p. 1556-1560 : tab <http://dx.doi.org/10.1109/IEEM.2015.7385908>

## **How to become a start-up capital**

Karis, Piret; Rungi, Mait Research in economics and business : Central and Eastern Europe 2015 / p. 51-77

[http://www.ester.ee/record=b2941401\\*est](http://www.ester.ee/record=b2941401*est)

**How to keep open-source based innovation approaches sustainable : a view from the intellectual property perspective**

Hoffmann, Thomas; **Prause, Gunnar Klaus** Journal of entrepreneurship and sustainability issues 2015 / p. 133-141

[http://dx.doi.org/10.9770/jesi.2014.2.3\(2\)](http://dx.doi.org/10.9770/jesi.2014.2.3(2))

**How to optimize the cost and time of the acquisitions process?**

**Kont, Kate-Riin** Collection building 2015 / p. 41-50 <http://dx.doi.org/10.1108/CB-01-2015-0003>

**How to run credible elections [Online resource]**

**Krimmer, Robert Johannes** Nurfse instituudi ideedepank = Nurfse School Ideas Bank 2015

<http://nurkseschool.tumblr.com/post/121263970716/how-to-run-credible-elections>

**Hubey, H. Mark. Mathematical and computational linguistics. LINCOM Handbooks in Linguistics 9. München: LINCOM Europa. xxv, 443 p. (1999) : [review]**

**Henno, Jaak** Zentralblatt MATH 2015 / [1] p

**Human capital reporting and its linkage with key performance indicators of companies : evidence from Estonian companies listed on Nasdaq OMX Baltic**

**Startseva, Emilia; Gurvitš, Natalja**; Sidorova, Inna Central European business review 2015 / p. 48-57 : tab

<http://dx.doi.org/10.18267/j.cebr.137>

**Human capital reporting (HCR) and its linkage with financial performance of companies : evidence from Estonian companies listed on Nasdaq OMX Baltic [Online resource]**

**Gurvitš, Natalja**; Sidorova, Inna; **Startseva, Emilia** IFRS : Global Rules & Local Use : proceedings of the 3rd International Conference : Prague, October 8-9, 2015, Anglo-American University, Prague - Czech Republic 2015 / p. 99-105 : tab

<http://car.aau.edu/wp-content/uploads/IFRS-Global-Rules-Local-Use-AAU-Prague-2015.pdf>

**Huivilised on oodatud GISpäevale**

Rea, Kristjan Mente et Manu 2015 / lk. 17 : ill [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

**Huvitavat ja harivat merenduslikku lugemist Saaremaalt**

**Albri, Rein** Paat & Meremees 2015 / lk. 94 : fot [https://artiklid.elnet.ee/record=b2728359\\*est](https://artiklid.elnet.ee/record=b2728359*est)

**HVDC connection of offshore wind power plants**

Elahi, H.; **Kilter, Jako**; Ebner, G. 2015

**Hõrenev Eesti : kahaneva rahvastikuga piirkonnad meil ja mujal**

**Hiob, Mart**; Metspalu, Pille; Levald, Andres; Kikas, Tavo Sirp 2015 / lk. 22-23 <https://dea.digar.ee/article/sirp/2015/06/12/17.1>

**Häda keskkonnamõjude pärast**

**Pensa, Margus** Põhjarannik 2015 / lk. 2 : fot <https://pohjarannik.postimees.ee/6579768/hada-keskkonnamojude-parast>

**Hädavalgustuse automaattestimise näide**

**Tamm, Tiit** Elektriala 2015 / lk. 22-23 : ill [https://artiklid.elnet.ee/record=b2721082\\*est](https://artiklid.elnet.ee/record=b2721082*est)

**Hääl: väljaarvamisest pole mulle teatatud**

Postimees 2015 / lk. 6 <https://www.postimees.ee/3277371/haal-mulle-pole-teatatud-ttu-kuratooriumist-vabastamisest>

**Hydrodynamic classification of natural flows using an artificial lateral line and frequency domain features**

**Tuhtan, Jeffrey Andrew**; Strokina, Nataliya; **Toming, Gert**; **Muhammad, Naveed**; **Kruusmaa, Maarja**; Kämäräinen, Joni-Kristian E-proceedings of the 36th IAHR World Congress : 28 June - 3 July, 2015, The Hague, the Netherlands 2015 / p. 1-8 : ill

**Hygrothermal performance of a massive stone wall with interior insulation : an in-situ study for developing a retrofit measure**

**Klõšeiko, Paul**; **Kalamees, Targo**; **Arumägi, Endrik**; **Kallavus, Urve** Energy procedia 2015 / p. 195-200 : ill

<https://doi.org/10.1016/j.egypro.2015.11.139> Conference proceedings at Scopus Article at Scopus Article at WOS

**Hygrothermal performance of internally insulated brick wall in cold climate : a case study in a historical school building**

**Klõšeiko, Paul**; **Arumägi, Endrik**; **Kalamees, Targo** Journal of building physics 2015 / p. 444-464 : ill

<https://doi.org/10.1177/1744259114532609> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**ICMS User Handbook V2 [Electronic resource]**

Frings, Sandra; Engelbach, Wolf; Havlik Denis; **Taveter, Kuldar**; **Meriste, Merik**; **Rannat, Kalev** 2015

[http://www.crismaproject.eu/deliverables/CRISMA\\_D362\\_public.pdf](http://www.crismaproject.eu/deliverables/CRISMA_D362_public.pdf)

**Ida-Viru aasta õppijaks valiti Ukrainast tulnud arst : [aasta õpitegu tiitli sai TTÜ Virumaa kolledži rahva kolledž]**

Sommer-Kalda, Sirle Põhjarannik 2015 / lk. 1 : fot <https://pohjarannik.postimees.ee/6580266/ida-viru-aasta-oppijaks-valiti-ukrainast-tulnud-arst>

**Ida-Viru kolledžid otsivad direktorit**

Põhjarannik 2015 / lk. 3 <https://dea.digar.ee/article/pohjarannik/2015/05/06/6.4>

**Ida-Viru kolledžid pakuvad vene keele suvekooli : [ka TTÜ Virumaa kolledži arendusdirektor Mare Roosilehe kommentaarid]**

Põhjarannik 2015 / lk. 4

**Ideas sobre Europa y el desarrollo histórico del concepto de Europa**

Ramiro Troitino, David; Kerikmäe, Tanel; Chochia, Archil Pasado, presente y futuro de la Unión Europea 2015 / p. 9-14

**Identification and characterization of bioactive peptides with antimicrobial and immunoregulating properties derived from bovine colostrum and milk = Antimikroobsete ja immuunsüsteemi stimuleerivate omadustega bioaktiivsete peptiidide identifitseerimine ja karakteriseerimine lehma piimast ja kolostrumist**

Kütt, Mary-Liis 2015 [https://www.ester.ee/record=b4461995\\*est](https://www.ester.ee/record=b4461995*est)

**Identification and rejuvenation of NBTI-critical paths in nanoscale logic circuits**

Jenihhin, Maksim 1st International Workshop on Reliability and Aging in Forthcoming Electronic Systems : May 28-29, 2015, Cluj-Napoca, Romania 2015 / [1] p

**Identification of a medicinal off-flavour in pickle brine**

Vene, Kristel; Kajava, Keili Flavour Science : proceedings of the XIV Weurman Flavour Research Symposium 2015 / p. 555-560

**Identification of ship wake structures by a time–frequency method**

Torsvik, Tomas; Soomere, Tarmo; Didenkulova, Irina; Sheremet, Alex Journal of fluid mechanics 2015 / p. 229-251 : ill <https://doi.org/10.1017/jfm.2014.734> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Identification of synchronous machine magnetization characteristics from calorimetric core-loss and no-load curve measurements**

Rasilo, Paavo; Abdallh, Ahmed Abou-Elyazied; Belahcen, Anouar; Arkkio, Antero; Dupré, Luc IEEE transactions on magnetics 2015 / [4] p. : ill <http://dx.doi.org/10.1109/TMAG.2014.2354055>

**Identifying eGovernment success factors : an analysis of selected national governance models and their experiences in digitising service delivery**

Meyerhoff Nielsen, Morten CeDEM 15 : Proceedings of the International Conference for E-Democracy and Open Government 2015 : 20-22 May 2015, Danube University Krems, Austria 2015 / p. 445-450 : ill [http://www.donau-uni.ac.at/imperia/md/content/departement/gpa/zeg/bilder/cedem/cedem15/cedem15\\_oa\\_proceedings.pdf](http://www.donau-uni.ac.at/imperia/md/content/departement/gpa/zeg/bilder/cedem/cedem15/cedem15_oa_proceedings.pdf)

**Igaühe üleilmne õigus varjupigale**

Käsper, Kari Õhtuleht 2015 / lk. 8 <https://www.ohhtuleht.ee/677290/kari-kasper-oigus-varjupaigale-kui-igauhe-uleilmne-turvavork>

**Igaüks on isemoodi hea : [aasta parimad õppejõud TTÜs]**

Penjam, Tiia Mente et Manu 2015 / lk. 15-17 : fot [https://artiklid.elnet.ee/record=b2718131\\*est](https://artiklid.elnet.ee/record=b2718131*est)

**Iglu aitab täita tühimikku Eesti it-hariduses**

Aiaste, Kristjan Studioosus 2015 / lk. 16 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

**Ihusilmas ihaldatud, vaimusilmas vahendatud : [Anne Prangel'i raamatu "Ihusilmaga" tutvustus]**

Talts, Mait Sirp 2015 / lk. 13 <https://www.sirp.ee/s1-artiklid/c7-kirjandus/ihusilmas-ihaldatud-vaimusilmas-vahendatud/>

**lidne Hiina astronoomia**

Mars, Mario Minu Maailm 2015 / p. 20-21 : ill [http://www.ester.ee/record=b3033179\\*est](http://www.ester.ee/record=b3033179*est)

**IKT sügiskonverents tõi kokku digihuvilised õpetajad : [väljavõtteid TTÜ rektori Jaak Aaviksoo ettekandest]**

Leikop, Madli E-õppe uudiskiri 2015 / lk. 19 : fot

**Ilmade ettekuulutuse tabel ehk Kuidas teave inimesteni jõudis**

Kallis, Ain Eesti Loodus 2015 / lk. 26-27 : foto [https://artiklid.elnet.ee/record=b2751101\\*est](https://artiklid.elnet.ee/record=b2751101*est)

**Ilmavaatlusvõrgu areng Eestis**

Kallis, Ain; Krabbi, Miina Eesti Loodus 2015 / lk. 22-27 : fotod, kaart [https://artiklid.elnet.ee/record=b2751089\\*est](https://artiklid.elnet.ee/record=b2751089*est)

## **Ilmus eestikeelne raamat energiasalvestistest**

Ehitaja 2015 / lk. 34 : ill

## **Image processing solutions for precise road profile measurement systems = Pilditöötluse lahendused täpsetele tee profiili mõõtesüsteemidele**

Mõlder, Ago 2015 [https://www.ester.ee/record=b4476678\\*est](https://www.ester.ee/record=b4476678*est)

## **IMO Standard Marine Communication Phrases = IMO mereside standardväljendid = Стандартные фразы ИМО для общения на море**

2015 [http://www.ester.ee/record=b4468331\\*est](http://www.ester.ee/record=b4468331*est)

## **Impact of CdS annealing atmosphere on the performance of CdS-CdTe solar cell**

Maticiuc, Natalia; Spalatu, Nicolae; Mikli, Valdek; Hiie, Jaan Applied surface science 2015 / p. 14-18 : ill

<https://doi.org/10.1016/j.apsusc.2015.01.172> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **The impact of firm financing constraints on R&D over the business cycle**

Männasoo, Kadri; Meriküll, Jaanika 2015 <http://dx.doi.org/10.23656/25045520/32015/0015>

## **The impact of firm financing constraints on R&D over the business cycle [Electronic resource]**

Männasoo, Kadri; Meriküll, Jaanika 7th International conference "Economic challenges in enlarged Europe" : 14-16 June 2015, Tallinn, Estonia : [conference proceedings] 2015 / [CD-ROM] [http://www.ester.ee/record=b3088567\\*est](http://www.ester.ee/record=b3088567*est)

## **The impact of fiscal crises on public administration : cutback management and changes in decision-making = [Fiskaalkriisi mõju avalikule haldusele : kärpeme juhtimine ja muutused otsustusprotsessides]**

Savi, Riin 2015 [https://www.ester.ee/record=b4476268\\*est](https://www.ester.ee/record=b4476268*est)

## **The impact of fiscal crisis on decision-making processes in European governments : dynamics of a centralization cascade**

Raudla, Ringa; Douglas, James W.; Randma-Liiv, Tiina; Savi, Riin Public administration review 2015 / p. 842-852 : tab

<https://doi.org/10.1111/puar.12381> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Impact of LNG on the energy market of Estonia**

Purju, Alari Natural gas revolution and the Baltic Sea region 2015 / p. 160-170 : ill

[http://www.centrumbalticum.org/files/1910/BSR\\_policy\\_briefing\\_1\\_2015.pdf](http://www.centrumbalticum.org/files/1910/BSR_policy_briefing_1_2015.pdf)

## **Impact of seasonal climate change on optical and molecular properties of river water dissolved organic matter by HPLC-SEC and UV-vis spectroscopy**

Lepane, Viia; Depret, Laura; Väli, Anna-Liisa; Suursööt, Kristel Chemical and Biological Technologies in Agriculture 2015 / p. 1-7 : ill <https://doi.org/10.1186/s40538-015-0040-6> [Journal metrics at Scopus](#) [Article at Scopus](#)

## **Impact of shipwrecks to marine environment : MS Volare case study**

Vahter, Kaimo; Pärt, Siim; Landquist, Hanna; Kõuts, Tarmo 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 161 [http://www.bssc2015.lv/wp-content/uploads/2015/07/10th\\_BSSC\\_AbstractBook\\_final.pdf](http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf)

## **The impact of technology trends on skills of logistics engineers - a novel competence approach**

Niine, Tarvo; Koppel, Ott Proceedings of the 10th International Conference of DAAAM Baltic Industrial Engineering, 12-13th May 2015, Tallinn, Estonia 2015 / p. 243-248 : ill

## **Impact of wind parks on the efficiency of thermal power plants [Electronic resource]**

Astapov, Victor; Šuvalova, Jelena; Vaimann, Toomas; Kallaste, Ants; Belahcen, Anouar Proceedings of the 8th International Scientific Symposium on Electrical Power Engineering ELEKTROENERGETIKA 2015 : September 16-18, 2015, Stara Lesna, Slovak Republic 2015 / p. 589-592 : ill. [CD-ROM]

## **Impact of voltage instrument transformers on the accuracy of harmonic measurements in a 330 kV transmission grid**

Meyer, Jan; Stiegler, Robert; Schegner, Peter; Kilter, Jako Instrument Transformer Measurement Forum (ITMF) : October 13-15, 2015, Feldkirch, Austria 2015

## **Impacts of lubricating oils on rheology and chemical compatibility of asphalt binders**

Teymourpour, Pouya; Sillamäe, Sven; Bahia, Hussain U. Road Materials and Pavement Design 2015 / p. 50 - 74

<https://doi.org/10.1080/14680629.2015.1030833> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Impedance detection**

Min, Mart; Parve, Toomas; Pliquett, Uwe Encyclopedia of microfluidics and nanofluidics. 2nd ed 2015 / p. 1338-1361 : ill

## **Impeerium : romaan**

Kracht, Christian 2015 [https://www.ester.ee/record=b4527227\\*est](https://www.ester.ee/record=b4527227*est)

**Implementation of different magnetic materials in outer rotor PM generator**

**Kudrjavitsev, Oleg; Kilk, Aleksander; Vaimann, Toomas; Belahcen, Anouar; Kallaste, Ants** 2015 IEEE 5th International Conference on Power Engineering, Energy and Electrical Drives (POWERENG) : proceedings : May 11-13, 2015, Riga, Latvia 2015 / p. 74-78 : ill <http://dx.doi.org/10.1109/PowerEng.2015.7266298>

**Implementation of the theoretical concept of green procurement and supplier selection in Estonian shipbuilding industry [Electronic resource]**

**Lindroos, Karin** Developments and restructuring = Entwicklungen und Umstrukturierung = Arengud ja ümberstruktureerimine 2015 / p. 1-9 : ill. [CD-ROM] <http://dx.doi.org/10.1515/tpet.v23i2.12495>

**Implementation of TiO<sub>2</sub> oxygen adsorption capacities for the evaluation of photocatalysts' activity in pollutants' oxidation**

**Kritševskaja, Marina; Moiseev, Anna; Klauson, Deniss; Pronina, Natalja** European Conference on Environmental Applications of Advanced Oxidation Processes : 21-24 October 2015, Athens, Greece : conference program and book of abstracts 2015 / p. 148 : ill

**Implementation of TiO<sub>2</sub> oxygen adsorption capacities for the evaluation of photocatalysts' activity in pollutants' oxidation**

**Kritševskaja, Marina; Moiseev, Anna; Klauson, Deniss; Pronina, Natalja** European Conference on Environmental Applications of Advanced Oxidation Processes : 21-24 October 2015, Athens, Greece : book of proceedings 2015 / [1] p. : ill

**Implications of project-based funding of research on budgeting and financial management in public universities**

**Raudla, Ringa; Karo, Erkki; Valdmaa, Kaija; Kattel, Rainer** Higher education 2015 / p. 957-971 : ill <https://doi.org/10.1007/s10734-015-9875-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Implications of the theory of turbulent mixing for wave propagation in media with fluctuating coefficient of refraction**

**Kalda, Jaan; Kree, Mihkel** Proceedings of the Estonian Academy of Sciences 2015 / p. 285-290 : ill [https://artiklid.elnet.ee/record=b2740540\\*est](https://artiklid.elnet.ee/record=b2740540*est)