

Aadu Kana ettekandest Sihtasutuse Professor Karl Õigri Stipendiumifond 2016 kevadkoolitusel

Kana, Aadu 100 aastat TTÜ ehitusinsenere 2018 / lk. 431-434 : portr

Aasta betoonehitis 2017

Kana, Aadu Ehitaja 2018 / lk. 24 http://www.ester.ee/record=b1072123*est https://artiklid.elnet.ee/record=b2835700*est

Aasta parimad tehasemajad : suurhoonetest erilahendusteni

Kiisler, Eva; Vahtramäe, Eeva Ehitaja 2018 / lk. 18-24 : fot http://www.ester.ee/record=b1072123*est
https://artiklid.elnet.ee/record=b2847947*est

Aasta tudeng Lilian Valge : ei kujuta ettegi, et käiksin ülikoolis ainult õppimas!

Valge, Lilian Mente et Manu 2018 / lk. 58 : fot <https://www.ttu.ee/?id=16836> http://www.ester.ee/record=b1242496*est
https://artiklid.elnet.ee/record=b2836056*est

Aasta tudengitegu - Euroopa ülikoolide meistrivõistlused väitlemises

Gnadenteich, Selene Mente et Manu 2018 / lk. 59 : fot <https://www.ttu.ee/?id=16836> http://www.ester.ee/record=b1242496*est
https://artiklid.elnet.ee/record=b2836057*est

Aasta tuleb esinduslik

Riisalu, Katre; Vaaro, Ilmar; Haavandi, Kadri; **Kont, Kate-Riin** Raamatukogu 2018 / lk. 31-33 http://www.ester.ee/record=b1072819*est

Aasta vilistlane 2018 : Henrik Hololei

Hololei, Henrik Mente et Manu 2018 / lk. 22-23 : fot http://www.ester.ee/record=b1242496*est <http://dea.digar.ee/publication/AKmenteetmanu>
<https://taltech.ee/avalehekulg/?id=10641&category=128006#newsTabsMenu> https://artiklid.elnet.ee/record=b2866966*est

Aastaraamat : 2017 oli rekordiline põlevkiviõli tootmise ja kaevemahtude aasta

Mente et Manu 2018 / lk. 9 https://ttu.ee/public/m/mente-et-manu/MM_02_2018/mobile/index.html#p=6
http://www.ester.ee/record=b1242496*est <http://dea.digar.ee/publication/AKmenteetmanu> https://artiklid.elnet.ee/record=b2862651*est

Aastaraamat 2017 / Eesti Matemaatika Selts

2018 https://www.ester.ee/record=b1226018*est

Aastaraamat 2017 / Tallinna Tehnikaülikool, Virumaa kolledž

2018 http://www.ester.ee/record=b2666429*est

Aastaringne vastuvõtt : [TTÜs]

Voll, Hendrik Postimees 2018 / lk. 15

Aastatepikkusest tööst kooliõpilastega võrsus TalTechi olümpiaadikool

Simson, Päivo; Sildvee, Kadri Mente et Manu 2018 / lk. 38-39 http://www.ester.ee/record=b1242496*est
<http://dea.digar.ee/publication/AKmenteetmanu> https://www.ttu.ee/public/m/mente-et-manu/MM_05_2018/mobile/index.html
https://artiklid.elnet.ee/record=b2868938*est

ABB YuMi high-speed pick and place game in action

Zahavi, Ali; Al Afrange, Fadi; Najafi Haeri, Shahriar; Ajeevan, Udith; **Chamara Liyanage, Dhanushka** Proceedings of the 29th International DAAAM Symposium "Intelligent Manufacturing & Automation" : 24-27th October 2018, Zadar, Croatia 2018 / p. 1216-1221 : ill <https://doi.org/10.2507/29th.daaam.proceedings.176>

About science and pseudoscience

Raukas, Anto Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2017 2018 / p. 60-62
https://www.ester.ee/record=b1874722*est

About the fragility of truth in the dialogue between science and society

Ubar, Raimund-Johannes Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2017 2018 / p. 58-60 https://www.ester.ee/record=b1874722*est

Abrupt rise in the contribution of CH₄ derived carbon to benthic secondary production of a shallow hemiboreal/boreal lake

Belle, Simon; Tõnno, Ilmar; **Stivrinš, Normunds**; Freiberg, Rene; **Veski, Siim** Journal of quaternary science 2018 / p. 969-976 : ill
<https://doi.org/10.1002/jqs.3075> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Abuse of cyberspace within the crisis in Ukraine

Hamulak, Ondrej; Valuch, Jozef Lawyer Quarterly 2018 / p. 94 - 107

https://www.researchgate.net/publication/325630831_Abuse_of_cyberspace_within_the_crisis_in_Ukraine [Journal metrics at Scopus](#) [Article at Scopus](#)

Acetylcholinesterase reactivators based on oxime-functionalized biodegradable ionic liquids

Karpichev, Yevgen; Kapitanov, Illia; Gathergood, Nicholas Military medical science letters 2018 / p. 87

https://www.mmsl.cz/artkey/mms-201888-0087_acetylcholinesterase-reactivators-based-on-oxime-functionalized-biodegradable-ionic-liquids.php

Acoustic emission of Estonian clay Arumetsa during firing

Hulan, Tomaš; Štubna, Igor; Kaljuvee, Tiit THERMOPHYSICS 2018: 23rd International Meeting of Thermophysics 2018 : Smolenice, Slovakia, 7–9 November 2018 2018 / art. 020016, [6] p <https://doi.org/10.1063/1.5047610> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Acta architecturae naturalis = Maastikuarhitektuurseid uurimusi

2018 <https://www.maastikuarhitektuur.ee/acta/issue/view/acta-2018>

Acta Baltica historiae et philosophiae scientiarum

2018 https://www.ester.ee/record=b2941458*est

Acta Baltica historiae et philosophiae scientiarum

2018 https://www.ester.ee/record=b2941458*est

Activated persulfate processes for degradation of endocrine disrupting compound nonylphenol in aqueous matrices [Online resource]

Dulova, Niina; Balpreet Kaur; Kattel, Eneliis; Trapido, Marina 19th European Meeting on Environmental Chemistry : 3 - 6 december 2018 Royat - France : programm book 2018 / p. 34

https://emec19.sciencesconf.org/data/pages/EMEC_19_Book_of_abstract.pdf

Activation of oil shale ashes for sulfur capture

Trass, Olev; Kuusik, Rein; Keemik; Kaljuvee, Tiit Oil shale 2018 / p. 375-385 : ill <https://doi.org/10.3176/oil.2018.4.07>

http://www.kirj.ee/public/oilshale_pdf/2018/issue_4/OS-2018-4-375-385.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Actual and perceived uncertainty as drivers of household saving

Levenko, Natalia 2018 https://www.ester.ee/record=b5185084*est

Adaptive controller for networked control systems subjected to random communication delays

Srinivasan, Seshadri; Saravanakumar, G.; Subathra, B.; Kotta, Ülle Soft computing applications : proceedings of the 7th

International Workshop Soft Computing Applications (SOFA 2016). Vol. 1 2018 / p. 78-94 https://doi.org/10.1007/978-3-319-62521-8_8 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Adaptive industrial robots using machine vision

Kuts, Vladimir; Otto, Tauno; Tähemaa, Toivo; Bukhari, Khuldoon; Patariaia, Tengiz ASME 2018 International Mechanical Engineering Congress and Exposition, Pittsburgh, Pennsylvania, USA, November 9–15, 2018 2018 / Paper No. IMECE2018-86720, pp. V002T02A093, 8 p. : ill <https://doi.org/10.1115/IMECE2018-86720>

Adaptive LINE-P : an adaptive linear energy prediction model for wireless sensor network nodes

Ahmed, Faisal; Tamberg, Gert; Le Moullec, Yannick; Annus, Paul Sensors 2018 / art. 1105, 26 p. : ill

<https://doi.org/10.3390/s18041105> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Additive design possibilities of electrical machines

Kallaste, Ants; Vaimann, Toomas; Rassõlkin, Anton 59th Annual International Scientific Conference on Power and Electrical Engineering : November 12, 13, 2018, Riga Technical University (RTU CON) : conference proceedings 2018 / 5 p. : ill

<https://doi.org/10.1109/RTU CON.2018.8659828>

Addressing digital exclusion in later life : digital interventions in Estonian e-society and age-related barriers

Riivits-Arkonsuo, Ivi; Leppiman, Anu BSG 2018 : 47th Annual Conference, The University of Manchester, 4-6 July, 2018 : Ageing in an Unequal World : Shaping Environments for the 21st Century : Conference Programme & book of abstracts 2018 / p. 155

<https://app.oxfordabstracts.com/stages/25/symposium/159/programme?backHref=/events/28/sessions/86&view=published>

Adhesive wear of WC- and TiC-based friction stir welding tool materials for aluminium alloy welding [Electronic resource]

Kolnes, Mart; Kübarsepp, Jakob; Sergejev, Fjodor; Kolnes, Märt European Powder Metallurgy Association : proceedings : 14 – 18 October 2018, Bilbao, Spain 2018 / 6 p. : ill. [USB] <https://www.epma.com/publications/euro-pm-proceedings/product/euro-pm2018-proceedings-usb>

Adjusting university education with workspace training and self-education

Henno, Jaak; Jaakkola, Hannu; Mäkelä, Jukka 2018 41st International Convention on Information and Communication Technology, Electronics and Microelectronics (MIPRO 2018), Opatija, Croatia, 21-25 May 2018 : proceedings 2018 / p. 701–708 : ill

<https://doi.org/10.23919/MIPRO.2018.8400131>

Administrative culture = Halduskultuur = Административная культура = Verwaltungskultur = Hallintokulttuuri

2018 https://www.ester.ee/record=b1447450*est

Administrative culture = Halduskultuur = Административная культура = Verwaltungskultur = Hallintokulttuuri

2018 https://www.ester.ee/record=b5053350*est

Adsorption of Cd²⁺ by an ion-imprinted thiol-functionalized polymer in competition with heavy metal ions and organic acids

Kong, Qiaoping; Xie, Binbin; **Preis, Sergei** RSC advances 2018 / p. 8950–8960 : ill <https://doi.org/10.1039/c7ra11811b> [Journal metrics](#) [Article at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Advanced condition monitoring method for high voltage overhead lines based on visual inspection

Manninen, Henri; Kilter, Jako; Landsberg, Mart 2018 IEEE Power & Energy Society General Meeting (PESGM 2018) : Portland, Oregon, USA, 5-10 August 2018 2018 / p. 2321-2325 : ill <https://doi.org/10.1109/PESGM.2018.8586498>

Advanced control of district heating processes in Estonia = Keskkütte soojuse tootmisprotsesside juhtimine

Vansovitš, Vitali 2018 <https://digi.lib.ttu.ee/1710628> https://www.ester.ee/record=b5151484*est

Advanced rich transcription system for Estonian speech

Alumäe, Tanel; Tiik, Ottokar; Ullah, Asad Human Language Technologies - the Baltic Perspective : Proceedings of the Eighth International Conference, Baltic HLT 2018 2018 / p. 1-8 <https://doi.org/10.3233/978-1-61499-912-6-1> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Advanced trailing edge flap design for commercial aircraft

Lauk, Peep; Tähemaa, Toivo; Seegel, Karl-Erik [Aegats2018 proceedings] 2018 / 7 p. : ill https://www.etis.ee/File/DownloadPublic/abef8259-2fbd-485a-af5e-7900cff280a2?name=36_LAUK%20AEGATS.pdf&type=application%2Fpdf

Advances in European residential ventilation systems in nearly zero energy buildings

Kurnitski, Jarek 39th AIVC : Smart ventilation for buildings : 7th TightVent : 5th Venticool Conference, 18-19 September, 2018, Antibes Juan-Les-Pins, France : [poster abstracts] 2018 / 26 p. : ill <http://aivc2018conference.org/>

Advances in room temperature fluoride-ion batteries

Molaiyan, Palanivel; Mohammad, Irshad; Witter, Raiker 20th International Conference on Advanced Energy Materials and Research, August 13-14, 2018, Dublin, Ireland : posters 2018 / p. 94 : ill <https://doi.org/10.4172/2576-1463-C1-003>

Aerobic cascade oxidation of substituted cyclopentane-1, 2-diones using metalloporphyrin catalysts [Online resource]

Oja, Karolin; Borovkov, Victor; Kananovich, Dzmitry; Järving, Ivar; Lopp, Margus Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p <http://fmdtk.ut.ee/teesid-2018/>

Aerobic cascade oxidation of substituted cyclopentane-1,2-diones using metalloporphyrin catalysts

Maljutenko, Karolin; Borovkov, Victor; Kananovich, Dzmitry; Järving, Ivar; Lopp, Margus Tetrahedron 2018 / p. 661–664 : ill <https://doi.org/10.1016/j.tet.2017.12.009> [Journal metrics](#) [Article at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

After-effect induced by microwave radiation in human electroencephalographic signal : a feasibility study

Bachmann, Maie; Päeske, Laura; Ioannides, Andreas A.; **Lass, Jaanus; Hinrikus, Hiie** International journal of radiation biology 2018 / p. 896–901 : ill <https://doi.org/10.1080/09553002.2018.1478164> [Journal metrics](#) [Article at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aga miks sina tasuta ei treeni?

Valge, Lilian Studioosus 2018 / lk. 26-27 https://www.ester.ee/record=b1558644*est

Age calibration of the lower ordovician Fezouata Lagerstätte, Morocco

Lefebvre, Bertrand; Gutiérrez-Marco, Juan C.; **Lehnert, Oliver**; Martin, Emmanuel L.O.; Nowak, Hendrik; Akodad, Mustapha; El Hariri, Khadija; Servais, Thomas Lethaia 2018 / p. 296 - 311 <https://doi.org/10.1111/let.12240> [Journal metrics](#) [Article at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Agile local governments : experimentation before implementation

Soe, Ralf-Martin; Drechsler, Wolfgang Government information quarterly 2018 / p. 1-13 : ill <https://doi.org/10.1016/j.giq.2017.11.010> [Journal metrics](#) [Article at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Agu Uudelepp läks jälle tööle

Vainküla, Kirsti; **Uudelepp, Agu** Eesti Ekspress 2018 / lk. 29 <https://ekspress.delfi.ee/artikkel/83264563/agu-uudelepp-laks-jalle-toole>

Aherainekillustik ei sobi kõikjal kasutamiseks

Rebane, Enno Ehitaja 2018 / lk. 49-50 : fot http://www.ester.ee/record=b1072123*est https://artiklid.elnet.ee/record=b2866706*est

Aimeraamat arvutitest ja nende eduloost
Tõugu, Enn Postimees 2018 / Raamat, lk. 5

Airbus + Bombardier = CSeries

Luczkowski, Teodor Tehnikamaailm 2018 / lk. 66-67 : fot http://www.ester.ee/record=b1073050*est
https://artiklid.elnet.ee/record=b2831311*est

Ajaloo talletamine lihtsustab suhtlust maksuametiga

Molok, Tanel; Künnapas, Kaido Äripäev 2018 / Arvamused https://www.ester.ee/record=b1716554*est
<https://www.aripeev.ee/arvamused/2018/11/09/ajaloo-talletamine-teeb-maksuametiga-suhtlemise-lihtsamaks>

Ajalootund Nõmme mändide all

Simson, Taavi Studioosus 2018 / lk. 12-13 https://www.ester.ee/record=b1558644*est

Akadeemia : Eesti Kirjanike Liidu kuukiri Tartus / SA Kultuurileht

2018 https://www.ester.ee/record=b1071914*est

Akadeemia panustab õmblusteta ühiskonda

Soomere, Tarmo Sirp 2018 / lk. 72-74 : fot <http://www.sirp.ee/s1-artiklid/c21-teadus/akadeemia-panustab-omblusteta-uhiskonda/>

Akadeemia tegevusest 2016. aastal : astronoomia ja füüsika osakond : akadeemik Jaak Aaviksoo [ettekanne Eesti TA üldkogu koosolekul 19. apr. 2017]

Aaviksoo, Jaak Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2017 2018 / lk. 123-124

Akadeemia tegevusest 2016. aastal : informaatika ja tehnikateaduste osakond : akadeemik Jakob Kübarsepp : [ettekanne Eesti TA üldkogu koosolekul 19. apr. 2017]

Kübarsepp, Jakob Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2017 2018 / lk. 124-126

Akadeemia tegevusest 2016. aastal : president Tarmo Soomere : [ettekanne Eesti TA üldkogu koosolekul 19. apr. 2017]

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2017 2018 / lk. 131-136

Akadeemik Soomere miniloeng : Kuidas end veenda, et kliima soojeneb?

Soomere, Tarmo Õhtuleht 2018 / lk. 22 <https://www.oh tuleht.ee/loodus/905039/tarmo-soomere-miniloeng-kuidas-end-veenda-et-kliima-soojeneb>

Akadeemik Soomere sai Klaipeda ülikooli audoktoriks

Õhtuleht 2018 / lk. 2

Akadeemikute allee täieneb Endel Lippmaaga

Mente et Manu 2018 / lk. 8 : fot http://www.ester.ee/record=b1242496*est <http://dea.digar.ee/publication/AKmenteetmanu>

Akadeemiline dualism

Dr Gonzo Studioosus 2018 / lk. 18-19 https://www.ester.ee/record=b1558644*est

Aksel Jürgensonist

Jürgenson, Toivo 100 aastat TTÜ ehitusinseneri 2018 / lk. 473-475 : fot

Alajaji, Fady; Chen, Po-Ning. An introduction to single-user information theory : [review]

Zentralblatt MATH 2018 / 1 p <https://zbmath.org/?q=06855952>

Alanud on vastuvõtt kütuste keemia ja tehnoloogia uuenenud magistrikavale Virumaa kolledžis

Mente et Manu 2018 / lk. 40 : fot <https://www.ttu.ee/ttu-uudised/ajaleht-mente-et-manu/mente-et-manu/>
http://www.ester.ee/record=b1242496*est https://artiklid.elnet.ee/record=b2836041*est

Algatusega "Kust sa tead?" pannakse poliitikud rääkima teaduslikest faktidest

Mente et Manu 2018 / lk. 10 http://www.ester.ee/record=b1242496*est <http://dea.digar.ee/publication/AKmenteetmanu>
https://www.ttu.ee/public/m/mente-et-manu/MM_05_2018/mobile/index.html

Aligning the prowess of Aesculapius and Themis

Titma, Tiina Medicine and Law 2018 / p. 92 https://docs.wixstatic.com/ugd/d814e1_2253d47fce964876a425ecf8ed1e25e3.pdf

Altered expression profile of igLON family of neural cell adhesion molecules in the dorsolateral prefrontal cortex of schizophrenic patients

Karis, Karina; Eskla, Katri-Liis; Kaare, Maria; Täht, Karin; Tuusov, Jana; Visnapuu, Tanel; Innos, Jürgen; Timmusk, Tõnis Frontiers in Molecular Neuroscience 2018 / art. 8 <https://doi.org/10.3389/fnmol.2018.00008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal](#)

Alternative frameworks for measuring credit gaps and setting countercyclical capital buffers

Reigl, Nicolas Andreas; Uusküla, Lenno 2018 <https://doi.org/10.23656/25045520/072018/0159> https://www.ester.ee/record=b5172707*est

Alumina/graphene/Cu hybrids as highly selective sensor for simultaneous determination of epinephrine, acetaminophen and tryptophan in human urine

Taleb, Masoud; Ivanov, Roman; Bereznev, Sergei; Kazemi, Sayed Habib; Hussainova, Irina Journal of electroanalytical chemistry 2018 / p. 184-192 : ill <https://doi.org/10.1016/j.jelechem.2018.06.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Alumina-graphene hybrid materials for electrochemical sensing of bio-analytes = Alumiiniumoksiid-graafenhübriidmaterjalid biovedelike elektrokeemiliseks tuvastamiseks

Taleb, Masoud 2018 <https://digi.lib.ttu.ee/i/?11202> https://www.ester.ee/record=b5180418*est

An automatic approach to evaluate assertions' quality based on data-mining metrics

Ghasempouri, Tara; Niazmand, Behrad; Raik, Jaan Proceedings 2nd IEEE International Test Conference in Asia : ITC-Asia 2018, 15-17 August 2018, Harbin, China 2018 / p. 61-66 : ill <https://doi.org/10.1109/ITC-Asia.2018.00021>

An enhancement of the driver distraction detection and evaluation method based on computational intelligence algorithms

Aksjonov, Andrei; Nedoma, Pavel; Vodovozov, Valery; Petlenkov, Eduard 2018 IEEE 16th International Conference on Industrial Informatics (INDIN 2018) : Porto, Portugal, 18-20 July 2018 2018 / p. 201-206 : ill <https://doi.org/10.1109/INDIN.2018.8472045>

An IoT-based approach to digitalize a manufacturing system

Mahmood, Kashif; Otto, Tauno; Karaulova, Tatjana; Ševtšenko, Eduard 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 257-261 : ill http://ise.elnet.ee/record=b2950215~S2*est

Analüüs : mida me teame ja mida ei tea Tartu tselluloositehase mõjust Emajõe

Loigu, Enn Eesti Ekspress 2018 / lk. 24-27 <https://ekspress.delfi.ee/artikkel/82174131/analuus-mida-me-teame-ja-mida-ei-tea-tartu-tselluloositehase-mojust-emajoele>

Analysis and comparison of high-frequency link converter topologies

Korkh, Oleksandr 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 156-161 : ill http://ise.elnet.ee/record=b2950098~S2*est

Analysis of a three-phase induction motor using the dynamic state space model

Asad, Bilal; Vaimann, Toomas; Belahcen, Anouar 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 65-69 : ill http://ise.elnet.ee/record=b2950017~S2*est

Analysis of core aspects in migration towards the next generation network = Võtmeaspektide analüüs migreerimisel järgmise põlvkonna sidevõrgule

Päränd, Sven 2018 <https://digi.lib.ttu.ee/i/?9944> https://www.ester.ee/record=b5054955*est

Analysis of instantaneous cardiac EBI signal variability over the heart cycle(s) : non-linear time-scale approach

Krivošei, Andrei; Min, Mart; Annus, Paul; Kõiv, Hip; Aabloo, Alvo; Uuetoa, Tiina EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 940-943 : ill https://doi.org/10.1007/978-981-10-5122-7_235 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Analysis of the applicability of PMU measurements for power quality assessment

Löper, Mari; Trummal, Tarmo; Kilter, Jako 2018 IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT-Europe), Sarajevo, Bosnia and Herzegovina, October 21-25, 2018 : proceedings 2018 / 6 p <https://doi.org/10.1109/ISGTEurope.2018.8571618>

Analysis of the options of modernization of roller-bit drilling machines with a submersible steamer

Yungmeister, Dmitry A.; Krupenski, Igor; Lavrenko, Sergey A. Journal of Mining Institute 2018 / p. 321 - 325 <https://doi.org/10.25515/pmi.2018.3.321> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analysis of torque distribution in ball-screw mechanisms under extreme temperature conditions

Penkov, Igor Transport means 2018 : proceedings of the international scientific conference : part I 2018 / p. 33-36 : ill <https://transportmeans.ktu.edu/wp-content/uploads/sites/307/2018/02/Transport-means-I-dalis-2018-09-25.pdf>

Analysis of transmission network short cable line sheath bonding methods

Kangro, Triin; Kilter, Jako 2018 IEEE International Conference on Environment and Electrical Engineering and 2018 IEEE Industrial and Commercial Power Systems Europe (IEEEIC / I&CPS Europe), 12-15 June 2018 : conference proceedings 2018 / 6 p.: ill
<https://doi.org/10.1109/IEEEIC.2018.8493944>

Analysis of ventricular repolarization signals in obstructive sleep apnea = Ventrikulaarse repolarisatsiooni signaalide analüüs obstruktiivse uneapnoe korral

Viigimäe, Moonika 2018 <https://digi.lib.ttu.ee/i/?9342> https://www.ester.ee/record=b4761002*est

Analytical model including rotor eccentricity for bearingless synchronous reluctance motors

Saarakkala, Seppo E.; Mukherjee, Victor; **Belahcen, Anouar** 2018 XIII International Conference on Electrical Machines (ICEM 2018) : Alexandroupoli, Greece, 3-6 September 2018 / p. 1388-1394 : ill <https://doi.org/10.1109/ICELMACH.2018.8506892>

Anarhistlikud mõtted Prantsusmaa presidendi totuseks

Tõugu, Enn Õhtuleht 2018 / lk. 8 <https://www.oh tuleht.ee/907835/enn-tougu-anarhistlikud-motted-prantsusmaa-presidendi-toetuseks>

Andmesubjekti õigused uue isikuandmete kaitse üldmääruse foonil

Salumaa, Kärt, vt. ka Salumaa-Lepik, Kärt Juridica 2018 / lk. 83-93 https://www.juridica.ee/article.php?uri=2018_2_andmesubjekti_igused_uue_isikuandmete_kaitse_ldm_ruse_foonil

Andres Gailit : [elulooandmeid]

Sada aastat Eesti teedele : Maanteeameti 100. sünnipäevale pühendatud uurimus 2018 / lk. 202-205 : fot

Andrographolide, a diterpene lactone from Andrographis paniculata and its therapeutic promises in cancer

Islam, Muhammad Torequl; Ali, Eunus S.; Uddin, Shaikh Jamal; **Gupta, Vijai Kumar** Cancer letters 2018 / p. 129-145 : ill
<https://doi.org/10.1016/j.canlet.2018.01.074> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Anekdoovid tagasid matemaatikahariduse : [kõrgema matemaatika professorist Arnold Humalast]

Mandre, Harri Mente et Manu 2018 / lk. 32 : fot http://www.ester.ee/record=b1242496*est <http://dea.digar.ee/publication/AKmenteetmanu>

Annabel Keerd : pool aastat Norras oli imeline kogemus

Metsaveer, Gelly Mente et Manu 2018 / lk. 24-25 : fot http://www.ester.ee/record=b1242496*est
<http://dea.digar.ee/publication/AKmenteetmanu> https://www.ttu.ee/public/m/mente-et-manu/MM_05_2018/mobile/index.html
https://artiklid.elnet.ee/record=b2868926*est

Anniversaries : Andres Õpik 70

Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2017 2018 / p. 148-149 : portr
https://www.ester.ee/record=b1874722*est

Anniversaries : Jakob Kübarsepp 70

Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2017 2018 / p. 146-147 : portr
https://www.ester.ee/record=b1874722*est

Anniversaries : Olav Aarna 75

Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2017 2018 / p. 138-139 : portr
https://www.ester.ee/record=b1874722*est

Anniversaries : Valdek Kulbach 90

Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2017 2018 / p. 126-128 : portr
https://www.ester.ee/record=b1874722*est

Antibacterial activity of of L-Phenylalanine derived ionic liquids [Online resource]

Kusumahastuti, Dewi Kurnianingsih Arum; Sihtmäe, Mariliis; Kapitanov, Illia; Karpichev, Yevgen; Gathergood, Nicholas; Kahru, Anne Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p <http://fntdk.ut.ee/teesid-2018/>

Anti-osteoclastic effects of C-glucosidic ellagitannins mediated by actin perturbation

Georgess, Dan; **Spuul, Pirjo**; Le Clainche, Christophe European journal of cell biology 2018 / p. 533-545 : ill
<https://doi.org/10.1016/j.ejcb.2018.09.003> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Antioxidative CXXC peptide motif from mesencephalic astrocyte-derived neurotrophic factor antagonizes programmed cell death

Božok, Valentina; Yu, Li-Ying; **Palgi, Jaan; Arumäe, Urmas** Frontiers in cell and developmental biology 2018 / 15 p. : ill
<https://doi.org/10.3389/fcell.2018.00106> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Ants Wõrgu mälestuseks

Luik, Viivi Sirp 2018 / lk. 37 <https://dea.digar.ee/article/sirp/2018/06/01/13.4> <http://sirp.ee/s1-artiklid/c21-teadus/ants-worgu-malestuseks/>

An application of a low-cost microwave radar to traffic monitoring [Online resource]

Riid, Andri; Kaugerand, Jaanus; Ehala, Johannes; Jaanus, Martin; Preden, Jürjo-Sören BEC 2018 : 2018 16th Biennial Baltic Electronics Conference (BEC) : proceedings of the 16th Biennial Baltic Electronics Conference, October 8-10, 2018 2018 / 4 p.: ill <https://doi.org/10.1109/BEC.2018.8600962>

Application of ABC in small and medium-sized public hospitals : a case study of a maternal and child health hospital

Zheng, Xiaosong; Chen, Jixuan; Wang, Linhui; Li, Pengyu Transformations in business & economics 2018 / p. 507–523 <http://www.transformations.knf.vu.lt/45c/article/appl> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Application of activated persulfate processes for the treatment of water and high-strength wastewater = Aktiveeritud persulfaadi protsesside kasutamine vee ja raskesti saastatud reovee puhastamiseks

Kattel, Eneliis 2018 <https://digi.lib.ttu.ee/i/?9958> https://www.ester.ee/record=b5054228*est

Application of artificial intelligence in smart kitchen

Vu, Trieu Minh; Khanna, Riva International Journal of Innovative Technology and Interdisciplinary Sciences : IJTIS 2018 / p. 1-8 : ill <https://doi.org/10.1515/IJTIS.2018.1.1.1-8>

Application of continuous culture methods to recombinant protein production in microorganisms

Peebo, Karl; Neubauer, Peter Microorganisms 2018 / 12 p <https://doi.org/10.3390/microorganisms6030056> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Application of e-governance solutions in industry 4.0 : The case of e-invoicing

Pappel, Ingrid; Kosenkov, Oleksandr Abstracts of Papers Presented at the 18th European Conference on Digital Government ECDG 2018 : Hosted By University of Santiago de Compostela, Spain, 25 - 26 October 2018 2018 / p. 41-42 <https://www.academic-conferences.org/download/21774/>

Application of e-governance solutions in industry 4.0 : The case of e-invoicing

Pappel, Ingrid; Kosenkov, Oleksandr Proceedings of the 18th European Conference on Digital Government (ECDG2018) : University of Santiago de Compostela, Spain, 25-26 October 2018 2018 / p. 321–324 <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059249500&partnerID=40&md5=1f13e4155021d0e173f1b81582022655>

Application of empirical orthogonal functions reveals multiple modes of variations in the Baltic Sea wave climate

Najafzadeh, Fatemeh; Kudryavtseva, Nadezhda; Soomere, Tarmo 7th IEEE/OES Baltic Symposium Clean and Safe Baltic Sea and Energy Security for the Baltic countries : abstract book, 12-15 June 2018, Klaipėda, Lithuania 2018 / p. 50 http://balticvalley.lt/baltic2018/wp-content/uploads/2018/06/abstract-book_7th_Baltic-Symposium_20180528.pdf

Application of journey mapping and crime scripting to the phenomenon of trolling

Sömer, Tiia; Tiido, Anna; Sample, Char; Mitchener-Nissen, Timothy Proceedings of the 13th International Conference on Cyber Warfare and Security, ICCWS 2018 : National Defence University, Washington DC, USA, 6-9 March 2018 2018 / p. 465–473 : ill <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051737104&partnerID=40&md5=7bed8e3a8250f0083f8c7702e27c6839> <https://www.proceedings.com/38822.html>

Application of lake sediment carbon/nitrogen ratio in post-glacial paleoenvironmental reconstruction = Järvesetete orgaanilise aine süsiniku ja lämmastiku suhte kasutusvõimalused pärastjääaegsete keskkonnamuutuste rekonstrueerimisel

Liiv, Merlin 2018 <https://digi.lib.ttu.ee/i/?11143> https://www.ester.ee/record=b5174072*est

Application of long lived radionuclides for characterizing and dating the groundwater and brines in the Cambrian aquifer system in Baltic states

Vaikmäe, Rein; Pärn, Joonas; Raidla, Valle The 3rd International Workshop on Tracer Applications of Noble Gas Radionuclides (TANGR2018), University of Science and Technology of China, Hefei, China, September 5-7, 2018 2018 / p. 3 <https://atta.ustc.edu.cn/en-us/events/tangr.html>

Application of non-stationary extreme value modeling to account for trends in extreme water level changes along the Baltic Sea Coast

Kudryavtseva, Nadezhda; Pindsoo, Katri; Soomere, Tarmo The 15th International Coastal Symposium 2018 Haeundae, Busan, Republic of Korea 13th – 18th May 2018 : book of abstracts 2018 / p. 38

Application of power line communication technology in street lighting control

Farkas, Tekla D.; Kiraly, Tamás; Pardy, Tamas; Rang, Toomas; Rang, Galina International journal of design and nature and ecodynamics 2018 / p. 176–186 : ill <https://doi.org/10.2495/DNE-V13-N2-176-186> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Application of the pathogen Trojan horse approach in maize (Zea mays)

Linde, Karina van der; Egger, Rachel L.; Timofejeva, Ljudmilla; Walbot, Virginia Plant signaling & behavior 2018 / art. e1547575, 4 p. : ill <https://doi.org/10.1080/15592324.2018.1547575> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at](#)

Applications of fungal cellulases in biofuel production : advances and limitations

Srivastava, Neha; Srivastava, Manish; Mishra, Pradeep Kumar; **Gupta, Vijai Kumar**; Molina, Gustavo; Rodriguez-Couto, Susana; Manikanta, Ambepu; Ramteke, Pramod Wasudeo Renewable and Sustainable Energy Reviews 2018 / p. 2379 - 2386
<https://doi.org/10.1016/j.rser.2017.08.074> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Arachidonic acid metabolism in marine invertebrates

Lõhelaid, Helike; Teder, Tarvi; Samel, Nigulas Invertebrate survival journal - ISJ 2018 / p. 110
<http://www.isj.unimo.it/index.php/ISJ/article/view/82>

An architecture for e-learning infrastructures on a national level : a case study of the Afghanistan Research and Education Network

Saay, Mohammad Salim; Norta, Alexander International journal of innovation and learning 2018 / p. 54-75
<https://doi.org/10.1504/IJIL.2018.088790> [Journal metrics at Scopus](#) [Article at Scopus](#)

Arengufond andis tudengitele rohkem kui 100 000 euro väärtuses stipendiume

Mente et Manu 2018 / lk. 12 : fot https://www.ttu.ee/public/m/mente-et-manu/MM_05_2018/mobile/index.html
http://www.ester.ee/record=b1242496*est <http://dea.digar.ee/publication/AKmenteetmanu> https://artiklid.elnet.ee/record=b2868914*est

Argo Rosin: Kuidas kilplased vaimult rikkaks ja õnnelikuks said

Rosin, Argo Postimees 2018 / lk. 15 [Kuidas kilplased vaimult rikkaks said](#)

Arhitektid taas TTÜs

Raud, Irina Uuele kvaliteedile ja väärikale positsioonile : Tallinna Tehnikaülikool 2000-2015 2018 / lk. 354-362 : fot
http://www.ester.ee/record=b4775778*est <https://digi.lib.ttu.ee/i/?10910>

Arhitektuurikoolide kaleidoskoop

Kiivet, Elo Sirp 2018 / lk. 21-22 <http://sirp.ee/s1-artiklid/arhitektuur/arhitektuurikoolide-kaleidoskoop/>
<https://dea.digar.ee/article/sirp/2018/06/22/10.1>

Arhitektuuriõpe tagasi Tallinna Tehnikaülikooli

Raud, Irina 100 aastat TTÜ ehitusinsenere 2018 / lk. 361-364

Arkangel [1] : Investigation of children's tracking smartwatch ecosystem. Forensic value and privacy implications

Hovhannisyan, Kristine; Sorell, Matthew Proceedings of the 4th Interdisciplinary Cyber Research Workshop 2018 : 9th of June 2018 2018 / p. 60-62 https://www.ttu.ee/public/k/kyberkriminalistika_ja_kyberjulgeoleku_keskus/CRW_2018_lingitud.pdf

Arktika jää sulab arvatust kiiremini

Maran, Kaur; **Vaikmäe, Rein** Postimees 2018 / lk. 24 [Arktika sulab arvatust kiiremini](#)

Arno Kõörna : 2.II 1926-21.XII 2017

Soomere, Tarmo Sirp 2018 / lk. 29 <https://www.sirp.ee/s1-artiklid/c21-teadus/arno-koorna-2-ii-1926-21-xii-2017/>

Arnold Volberg : [elulooandmeid]

Sada aastat Eesti teedele : Maanteeameti 100. sünnipäevale pühendatud uurimus 2018 / lk. 92-94 : portr., fot

The ARROWS project : robotic technologies for underwater archaeology

Allotta, Benedetto; Costanzi, Riccardo; Ridolfi, Alessandro; Salvetti, Ovidio; Reggiannini, Marco; **Kruusmaa, Maarja; Salumäe, Taavi**; Lane, David M. Mike; Frost, Gordon; Tsiogkas, Nikolaos; Cocco, Michele IOP conference series : materials science and engineering 2018 / art. 012088 <https://doi.org/10.1088/1757-899X/364/1/012088> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Art and automation of teaching malware reverse engineering

Lepik, Toomas; Maennel, Kaie; Ernits, Margus; Maennel, Olaf Manuel Learning and Collaboration Technologies : Learning and Teaching : 5th International Conference : LCT 2018, Held as Part of HCI International 2018, Las Vegas, NV, USA, July 15-20, 2018 : Proceedings, Part II 2018 / p. 461-472 https://doi.org/10.1007/978-3-319-91152-6_35 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Arvamused: Uus maksupakett töötab kohtuvaidlusi

Künnapas, Kaido Äripäev 2018 <https://www.aripaev.ee/arvamused/2018/09/28/kaido-kunnapas-uus-maksupakett-uus-suund-aastast-1776>

Arvamusi akadeemikutelt : Akadeemia 80

Engelbrecht, Jüri Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2017 2018 / lk. 72-78
https://www.ester.ee/record=b1218094*est

Arvamusi akadeemikutelt : segadus informaatika põhimõistetega

Tõugu, Enn Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2017 2018 / lk. 81-84

Arved Mägi - vastuoliline mees väliseesti laevanduses

Karu, Mihkel; Saar, Teele Meremees. Veeteede Ameti teataja 2018 / lk. 20-21 : fot http://www.ester.ee/record=b4646644*est https://xn--tt-ya.ee/public/m/mereakadeemia/ajakiri-meremees/Meremees_2018_3-4_VA_Teataja_2018_3-4.pdf

Arvo Oorn 65

Oorn, Arvo Elektriala 2018 / lk. 17-21 : fot http://www.ester.ee/record=b1240496*est https://artiklid.elnet.ee/record=b2865348*est

Arvutid, küberruum ja tehismõistus : noppeid arvutite imepärasest eduloost

Tõugu, Enn 2018 http://www.ester.ee/record=b4815451*est

Arvutite üliintelligentsuse muut

Tõugu, Enn Sirp 2018 / lk. 4-6 : ill <http://www.sirp.ee/s1-artiklid/c21-teadus/arvutite-uliintelligentsuse-muut/>

Asfaldiliidu üliõpilaspriimid jagunesid tehnikakõrgkooli ja -ülikooli vahel

Ehitaja 2018 / lk. 11 https://www.ester.ee/record=b1072123*est

Ash and flue gas from oil shale oxy-fuel circulating fluidized bed combustion

Loo, Lauri; Konist, Alar; Nešumajev, Dmitri; Pihu, Tõnu; Maaten, Birgit; Siirde, Andres Energies 2018 / art. 1218, 12 p. : ill <https://doi.org/10.3390/en11051218> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ash melting behaviour of wheat straw blends with wood and reed

Link, Siim; Yrjas, Patrik; Hupa, Leena Renewable Energy 2018 / p. 11-20 : ill <https://doi.org/10.1016/j.renene.2017.09.050> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asjade Internet teeb TTÜ kampsust digilinnaku

Leier, Mairo Mente et Manu 2018 / lk. 40-41 : fot https://ttu.ee/public/m/mente-et-manu/MM_02_2018/mobile/index.html#p=3 <http://dea.digar.ee/publication/AKmenteetmanu> http://www.ester.ee/record=b1242496*est https://artiklid.elnet.ee/record=b2862659*est

Aspect-oriented model-based testing = Aspekt-orienditud mudeli-põhine testimine

Sarna, Külli 2018 <https://digi.lib.ttu.ee/i/?11065> https://www.ester.ee/record=b5166882*est

Assertive and existential graphs : a comparison

Pietarinen, Ahti-Veikko; Chiffi, Daniele Diagrammatic Representation and Inference : 10th International Conference, Diagrams 2018, Edinburgh, UK, June 18–22, 2018 : proceedings 2018 / p. 565-581 https://doi.org/10.1007/978-3-319-91376-6_51 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Assertive graphs

Bellucci, Francesco; Chiffi, Daniele; Pietarinen, Ahti-Veikko Journal of applied non-classical logics 2018 / p. 72–91 <https://doi.org/10.1080/11663081.2017.1418101> [Journal metrics at Scopus](#) [Article at Scopus](#)

Assessing hydrochemical interactions between humic-rich stream and shallow karst aquifer using natural tracers (Tuhala karst system, N Estonia) [Online resource]

Koiti, Oliver; Barbera, Juan; Kiviit, Ili-Kärt; Martma, Tõnu The European bi-annual conference on the hydrogeology of Karst and carbonate reservoirs : 2-6 Jul 2018, Besancon, France 2018 / p. 100 http://www.eurokarst.org/wp-content/uploads/2016/07/Proceedings_Eurokarst2018.pdf

Assessing the Baltic Sea water quality with sentinel-3 OLCI imagery

Kutser, Tiit; Soomets, Tuuli; Toming, Kaare; Uiboupin, Rivo; Arikas, Age; Vahter, Kaimo; Paavel, Birgot 7th IEEE/OES Baltic Symposium Clean and Safe Baltic Sea and Energy Security for the Baltic countries : abstract book, 12-15 June 2018, Klaipėda, Lithuania 2018 / p. 43 http://balticvalley.lt/baltic2018/wp-content/uploads/2018/06/abstract-book_7th_Baltic-Symposium_20180528.pdf

Assessing the Baltic Sea Water Quality with Sentinel-3 OLCI Imagery

Kutser, Tiit; Soomets, Tuuli; Toming, Risto; Uiboupin, Rivo; Arikas, Age; Vahter, Kaimo; Paavel, Birgot 2018 IEEE/OES Baltic International Symposium (BALTIC 2018) : Klaipėda, Lithuania 12 - 15 June 2018 2018 / p. 52-57 : ill <https://doi.org/10.1109/BALTIC.2018.8634849>

Assessing the eutrophication status of Estonian marine waters

Stoicescu, Stella-Theresa; Lips, Urmas; Lips, Inga Фундаментальная и прикладная гидрофизика 2018 / с. 62-74 <https://doi.org/10.7868/S2073667318020053> http://hydrophysics.info/wp-content/uploads/2018/06/Stoicescu_%D0%B0.pdf [Journal metrics at Scopus](#) [Article at Scopus](#)

Assessing the quality of Baltoscandian chitinozoan biozones using quantitative stratigraphy [Online resource]

Hints, Olle; Antonovits, Liina; Nõlvak, Jaak; Liang, Yan Trekking Across the GOBE : From the Cambrian through the Katian, June

Assessment of eutrophication status based on sub-surface oxygen conditions in the Gulf of Finland (Baltic Sea) : [conference paper]

Stoicescu, Stella-Theresa; Lips, Urmas; Liblik, Taavi Baltic Earth Workshop on multiple drivers for Earth system changes in the Baltic Sea region : Tallinn University of Technology, Tallinn, Estonia 26-27 November 2018 : [programme, abstracts, participants] 2018 / p. 44 https://www.baltic-earth.eu/publications/IBESPublications/No_14_Workshop_Multiple_Drivers_Tallinn_Nov2018/No.14_Tallinn2018.pdf

Assessment of marine geoid models by ship-borne GNSS profiles in the Gulf of Finland ; S3-P21

Varbla, Sander; Ellmann, Artu; Gruno, Anti International Symposium Gravity, Geoid and Height Systems 2 : GGHS2018 : "Gravity Field Of The Earth" : The 2nd joint meeting of the International Gravity Field Service and Commission 2 of the International Association of Geodesy, Copenhagen, Denmark, Sept. 17-21, 2018 : abstract book 2018 / p. 81

Assessment of paleo-recharge under the Fennoscandian Ice Sheet and its impact on regional groundwater flow in the northern Baltic Artesian Basin using numerical model

Sterckx, Arnaud; Lemieux, Jean-Michel; **Vaikmäe, Rein** Hydrogeology journal 2018 / p. 2793–2810 : ill <https://doi.org/10.1007/s10040-018-1838-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assessment of pedestrian crossings measuring parameters and implementation of new measuring methods in Estonia

Varjas, Toivo; Kuusik, Marko; Armas, Jelena; Rosin, Argo 59th Annual International Scientific Conference on Power and Electrical Engineering : November 12, 13, 2018, Riga Technical University (RTUCON) : conference proceedings 2018 / 4 p. : ill <https://doi.org/10.1109/RTUCON.2018.8659821>

Assessment of the hazard of nine (doped) lanthanides-based ceramic oxides to four aquatic species

Blinova, Irina; Vija, Heiki; Lukjanova, Aljona; **Muna, Marge;** Syvertsen-Wiig, Guttorm; Kahru, Anne Science of the total environment 2018 / p. 1171-1176 : ill <https://doi.org/10.1016/j.scitotenv.2017.08.274> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assessment of the proportion of anthropogenic underwater noise levels in passiveacoustic monitoring

Mustonen, Mirko; Klauson, Aleksander; Berdnikova, Julia; Tommingas, Mihkel Proceedings of Meetings on Acoustics 2018 / art. 070003, 10 p.: ill <https://doi.org/10.1121/2.0000939>

Assimilation of observed sea surface temperature and salinity, using subregional EOF patterns from models

Zujev, Mihhail; Elken, Jüri; Lagemaa, Priidik 7th IEEE/OES Baltic Symposium Clean and Safe Baltic Sea and Energy Security for the Baltic countries : abstract book : 12–15 June 2018 Klaipėda, Lithuania 2018 / p. 65 http://balticvalley.lt/baltic2018/wp-content/uploads/2018/06/abstract-book_7th_Baltic-Symposium_20180528.pdf

ASTM D86 distillation in the context of average boiling points as thermodynamic property of narrow boiling range oil fractions

Rannaveski, Rivo; Listak, Madis; Oja, Vahur Oil shale 2018 / p. 254-264 : ill <https://doi.org/10.3176/oil.2018.3.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric attention and volatility asymmetry

Dzielinski, Michal; Rieger, Marc Oliver; **Talpsepp, Tõnn** Journal of empirical finance 2018 / p. 59-67 : ill <https://doi.org/10.1016/j.jempfin.2017.09.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric organocatalytic cascade synthesis of tetrahydrofuranyl spirooxindoles

Trubitsõn, Dmitri; Žari, Sergei; Kaabel, Sandra; Kudrjašova, Marina; Kriis, Kadri; Järving, Ivar; Pehk, Tõnis; Kanger, Tõnis Synthesis 2018 / p. 314-322 : ill <https://doi.org/10.1055/s-0036-1590918> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric snubberless current-fed full-bridge isolated DC-DC converters

Kosenko, Roman; Blinov, Andrei; Vinnikov, Dmitri; Chub, Andrii Scientific Journal of Riga Technical University. Electrical, control and communication engineering 2018 / p. 5-11 : ill <https://doi.org/10.2478/ecce-2018-0001>

Asymmetric synthesis of 2-amino-8-oxo-9,10-epoxydecanoic acid via cyclopropane cleavage strategy [Online resource]

Elek, Gabor Zoltan; Koppel, Kaur; Borovkov, Victor; Lopp, Margus; Kananovich, Dzmitry Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p <http://fntdk.ut.ee/teesid-2018/>

Attracting youth to the occupations in the food industry, agriculture and engineering : issues for policy and practice

Tandzegolskiene, Ilona; Tutlys, Vidmantas; **Ševtšenko, Eduard** ICERI 2018 : 11th International Conference of Education, Research and Innovation Seville (Spain) 12-14 November, 2018 : conference proceedings 2018 / p. 1637-1643 <http://dx.doi.org/10.21125/iceri.2018.1369>

Mente et Manu 2018 / lk. 8 http://www.ester.ee/record=b1242496*est <http://dea.digar.ee/publication/AKmenteetmanu>

August ei taha juulist mitte maha jääda

Kallis, Ain Maaleht 2018 / lk. 44 <https://maaleht.delfi.ee/artikkel/83356123/august-ei-taha-ilmarekordite-polest-juulist-mitte-maha-jaada>

August Komendandi jälg Tartus

Siim, Kaarel 100 aastat TTÜ ehitusinseneri 2018 / lk. 421-423 : ill., fot

Augustihuumor

Kukk, Vello Õpetajate leht 2018 / lk. 5 <https://opleht.ee/2018/08/augustihuumor/>

Authigenesis of biomorphic apatite particles from Benguela upwelling zone sediments off Namibia: The role of organic matter in sedimentary apatite nucleation and growth

Mänd, Kaarel; Kirsimäe, Kalle; **Lepland, Aivo**; Lumiste, Kaarel Geobiology 2018 / p. 640-658 : ill <https://doi.org/10.1111/gbi.12309>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Autismi loodetakse diagnoosida vereprooviga : [Warwicki ülikoolis arandavat analüüsimeetodit kommenteerib Tõnis Timmusk]

Horisont 2018 / lk. 3 : ill https://www.ester.ee/record=b1072243*est <http://www.horisont.ee/arhiiv-2018/Horisont-2-2018.pdf>

Automatic detection of multisize pulmonary nodules in CT images : large-scale validation of the false-positive reduction step

Gupta, Anindya; Saar, Tõnis; **Märtens, Olev**; **Le Moullec, Yannick** Medical physics 2018 / p. 1135-1149 : ill
<https://doi.org/10.1002/mp.12746> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

AutoRIO : an indoor testbed for developing autonomous vehicles

Loni, Mohammad; **Daneshtalab, Masoud**; Sjödin, Mikael 2018 Proceedings of the Japan-Africa Conference on Electronics, Communications, and Computations (JAC-ECC) : December 16-18, 2018 Alexandria, Egypt 2018 / p. 69-72 : ill
<https://doi.org/10.1109/JEC-ECC.2018.8679543>

Availability and variations of cardiac activity in the case of measuring the bioimpedance of wrist

Metshein, Margus; **Anus, Paul**; **Land, Raul**; **Min, Mart**; Aabloo, Alvo 2018 IEEE International Instrumentation and Measurement Technology Conference (I2MTC 2018) : proceedings 2018 / 5 p. : ill <https://doi.org/10.1109/I2MTC.2018.8409684>

AWAIT : an ultra-lightweight soft-error mitigation mechanism for network-on-chip links

Janson, Karl; **Pihlak, Rene**; **Azad, Siavoosh Payandeh**; **Niazmand, Behrad**; **Jervan, Gert**; **Raik, Jaan** 2018 13th International Symposium on Reconfigurable Communication-centric Systems-on-Chip (ReCoSoC), Lille, France, July 9th-11th, 2018 2018 / p. 1-6 : ill <https://doi.org/10.1109/ReCoSoC.2018.8449374>

Avalik kiri : radikaalne plaan kirjastajate taltsutamiseks piirab teadlaste tegutsemisvabadust

heureka.postimees.ee 2018 [Radikaalne plaan...](#) <https://teadus.postimees.ee/6454495/avalik-kiri-radikaalne-plaan-kirjastajate-taltsutamiseks-piirab-teadlaste-tegutsemisvabadust>

Bakadiplom karburaatorist

Adamson, Paula Johanna Studioosus 2018 / lk. 8-9 https://www.ester.ee/record=b1558644*est

Balmorel open source energy system model

Wiese, Frauke; Bramstoft, Rasmus; **Koduvere, Hardi**; Pizarro Alonso, Amalia Energy strategy reviews 2018 / p. 26-34 : ill
<https://doi.org/10.1016/j.esr.2018.01.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Balti töörühm CERN-i juures toob kasu Eesti teadusele ja tööstusele

Kütt, Kadri Director. Inseneeria 2018 / lk. 80-84 : fot http://www.ester.ee/record=b1519314*est <https://director.ee/2018/07/01/balti-tooruhm-cern-juures-toob-kasu-eesti-teadusele-ja-toostusele/> https://artiklid.elnet.ee/record=b2862637*est

Baltic journal of European studies

2018 https://www.ester.ee/record=b2675037*est

Baltic journal of European studies. Vol. 8, no. 2(25)

2018 https://www.ester.ee/record=b2675037*est [Baltic Journal of European Studies](#)

Baltic Sea Operational Oceanographic System (BOOS) - a stimulator to Baltic earth system research [Online resource]

She, Jun; Andersson, Pia; **Kõuts, Tarmo**; Mirawslow, Darecki; Reißmann, Jan Hinrich; Tuomi, Laura 2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings 2018 / p. 10-11 : tab https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf

Baltic Sea wave climate via empirical orthogonal function analysis [Online resource]

Najafzadeh, Fatemeh; Kudryavtseva, Nadezhda; Soomere, Tarmo Baltic Earth Workshop on multiple drivers for Earth system changes in the Baltic Sea region : Tallinn University of Technology, Tallinn, Estonia 26-27 November 2018 : [programme, abstracts, participants] 2018 / p. 40 https://www.baltic-earth.eu/publications/IBESPublications/No_14_Workshop_Multiple_Drivers_Tallinn_Nov2018/No.14_Tallinn2018.pdf

The Baltic States in the European Union

Kerikmäe, Tanel; Chochia, Archil; Atallah, Max Oxford research encyclopedia : politics 2018 / p. 1–27 <https://doi.org/10.1093/acrefore/9780190228637.013.186>

Baltikumi tehnikaülikoolide ühiskontsert "Valge mägi" : [24. nov. 2018 Salme kultuurikeskuses : pühendatud Tallinna Tehnikaülikooli tantsuansambli Kuljus looja Salme Valgemäe 105. sünniaastapäevale]
Hein, Robert Mustamäe 2018 / lk. 7 : ill

Baltimaade tehnikatudengid ehk Baltech kogunes veebruaris TTÜs

Gil, Gerlin Mente et Manu 2018 / lk. 56-57 : fot <https://www.ttu.ee/?id=16836> http://www.ester.ee/record=b1242496*est
https://artiklid.elnet.ee/record=b2836054*est

Baltimaade ülikoolid ühendasid CERNi tegevusteks jõud

Mente et Manu 2018 / lk. 6 https://ttu.ee/public/m/mente-et-manu/MM_02_2018/mobile/index.html#p=6
http://www.ester.ee/record=b1242496*est <http://dea.digar.ee/publication/AKmenteetmanu> https://artiklid.elnet.ee/record=b2862645*est

Banaanivabariik

Uiga, Endel Mõõt või meelevald 2018 / lk. 166-171 : portr https://www.ester.ee/record=b5176782*est

Baseline Surface Radiation Network (BSRN) : structure and data description (1992-2017)

Driemel, Amelie; Augustine, John; Kallis, Ain Earth system science data 2018 / p. 1491-1501 : ill <https://doi.org/10.5194/essd-10-1491-2018>

Benefication of Estonian phosphate ore by flotation [Online resource]

Tamm, Kadriann; Piir, Indrek; Kuusik, Rein, keemik; Tõnsuaadu, Kaia Beneficiation of Phosphates VIII : proceedings 2018 / [1] p. : ill http://dc.engconfintl.org/phosphates_viii/1/

Ben-Naim, Arieh. Information theory. Part I : An introduction to the fundamental concepts : [review]

Zentralblatt MATH 2018 / 1 p <https://zbmath.org/?q=1392.94001>

Best practices for QSAR model reporting: physical and chemical properties, ecotoxicity, environmental fate, human health, and toxicokinetics endpoints

Piir, Geven; Kahn, Iiris; García-Sosa, Alfonso T.; Sild, Sulev; Ahte, Priit; Maran, Uko Environmental Health Perspectives 2018 / art. 126001 ; 20 p.: ill <https://doi.org/10.1289/EHP3264> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Best workplace practices award for interest in OSH and for providing solutions to specific problems - Estonia : Good example 8

Järvis, Marina; Woolfson, Charles Alexander; Reisberg, Rein; Plangi, Kristel Safety and health in micro and small enterprises in the EU: from policy to practice : description of good examples 2018 / p. 57-64 <http://dx.doi.org/10.2802/270452>

Betoonühingu üliõpilaspriimid läksid maa- ja tehnikaülikooli

Ehitaja 2018 / lk. 10 : fot https://www.ester.ee/record=b1072123*est

Betoonühingu ilmus uus juhend - "BÜ7 : Betoonpõrandad"

Ehitaja 2018 / lk. 12 : fot http://www.ester.ee/record=b1072123*est

Betoonpõrandad

2018 https://www.ester.ee/record=b4762830*est

Beyond neoclassical economics : the impact of religion on the economic disparity between Georgia and Estonia

Mgaloblishvili, Anastasia Baltic journal of European studies 2018 / p. 24-43 : ill <https://content.sciendo.com/view/journals/bjes/8/2/article-p24.xml> <https://doi.org/10.1515/bjes-2018-0014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Beyond the Western paradigm : Confucian public administration

Drechsler, Wolfgang Public policy in the 'Asian Century' : concepts, cases and futures 2018 / p. 19-40 https://doi.org/10.1057/978-1-137-60252-7_2

BibliCamp 5 - sotsiaalmeedia raamatukogus

Jõesaar, Piret; **Nool, Maris** Raamatukogu 2018 / lk. 40-41 : fot http://www.ester.ee/record=b1072819*est

Bidirectional operation of the power electronic interface for nearly-zero energy buildings

Roasto, Indrek; Jalakas, Tanel; Rosin, Argo 2018 20th European Conference on Power Electronics and Applications (EPE'18 ECCE Europe) : Riga, Latvia, 17-21 September 2018 / p. 2456-2464 : ill <https://ieeexplore.ieee.org/document/8515405>

Bidirectional soft switching current source DC-DC converter for residential DC microgrids

Blinov, Andrei; Kosenko, Roman; Chub, Andrii; Vinnikov, Dmitri IECON 2018 - 44th Annual Conference of the IEEE Industrial Electronics Society : proceedings 2018 / p. 6059-6064 : ill <https://doi.org/10.1109/IECON.2018.8591103>

Bidirectional soft-switching dc-dc converter for battery energy storage systems

Blinov, Andrei; Kosenko, Roman; Chub, Andrii; Vinnikov, Dmitri IET power electronics 2018 / p. 2000-2009 : ill <https://doi.org/10.1049/iet-pel.2018.5054> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bile acid conjugation as a tool for enhancing intracellular delivery of biofunctional linker-extended constructs

Bhadoria, Rohit; Ping, Kefeng; Starkov, Pavel Abstracts of Papers of the American Chemical Society 2018 / abst. BIOL 255 <https://www.acs.org/content/dam/acsorg/meetings/national-meetings/fall-2018/fall-2018-program-book.pdf>

Bioclastrations in Upper Ordovician bryozoans from northern Estonia

Vinn, Olev; Ernst, Andrej; Toom, Ursula Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen 2018 / p. 113-121 <https://doi.org/10.1127/njgpa/2018/0752> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biocontrol of Fusarium wilt of Capsicum annuum by rhizospheric bacteria isolated from turmeric endowed with plant growth promotion and disease suppression potential

Passari, Ajit Kumar; Lalsiamthari, P.C.; Zothanpuia; Leo, Vincent Vineeth; Mishra, Vineet Kumar; Yadav, Mukesh Kumar; Gupta, Vijai Kumar; Singh, Bhim Pratap European Journal of Plant Pathology 2018 / p. 831 - 846 <https://doi.org/10.1007/s10658-017-1325-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biodegradation studies of a series of dipeptide based ionic liquids and their transformation products [Online resource]

Raba, Grete; Kapitanov, Illia; Karpichev, Yevgen; Kümmerer, Klaus; Vilu, Raivo; Gathergood, Nicholas Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p <http://fntdk.ut.ee/teesid-2018/>

Biodegradation studies of a series of dipeptide based ionic liquids and their transformation products

Raba, Grete; Kapitanov, Illia; Karpichev, Yevgen; Kümmerer, Klaus; Vilu, Raivo; Gathergood, Nicholas IUPAC Postgraduate Summer School on Green Chemistry : 7-13 July 2018, Venice - Italy : book of abstracts 2018 / p. 25 https://www.unive.it/pag/fileadmin/user_upload/extra/SSGC/documenti/Book_of_abstracts_per_website_23_July.pdf

Bioimpedance spectro-tomography system using binary multifrequency excitation [Online resource]

Min, Mart; Lehti-Polojärvi, M.; Hyttinen, Jari; Rist, Marek; Land, Raul; Annus, Paul International journal of bioelectromagnetism Proceedings of the 11th International Conference on Bioelectromagnetism : 23-25 May 2018, Aachen, Germany 2018 / p. 76-79 : ill <http://www.ijbem.org/> <https://publications.rwth-aachen.de/record/723893/files/723893.pdf>

Biorobotikud uurisid Keila-Joal robotkaladega kalade läbipääse

Mente et Manu 2018 / lk. 7 : fot https://ttu.ee/public/m/mente-et-manu/MM_02_2018/mobile/index.html#p=6 http://www.ester.ee/record=b1242496*est <http://dea.digar.ee/publication/AKmenteetmanu> https://artiklid.elnet.ee/record=b2862647*est

Biosensing technologies for the detection of pathogens : a prospective way for rapid analysis

2018 <https://doi.org/10.5772/intechopen.69579>

The Bit and the rainforest: towards an evolutionary theory of policy capacity [Online resource]

Karo, Erkki; Kattel, Rainer 2018 <http://www.ucl.ac.uk/bartlett/public-purpose/wp2018-03>

Blockage of saline intrusions in restricted, two-layer exchange flows across a submerged sill obstruction

Cuthbertson, Alan; Laanearu, Janek; Carr, Magda; Sommeria, Joel; Viboud, Samuel Environmental fluid mechanics 2018 / p. 27-57 : ill <https://doi.org/10.1007/s10652-017-9523-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Blockchain technology for end-to-end verifiable elections on internet voting system the Estonian case-study

Silva, Rodrigo Cardoso Third International Joint Conference on Electronic Voting E-Vote-ID 2018 : 2-5 October 2018, Lochau/Bregenz, Austria : proceedings 2018 / p. 351-352 https://www.ester.ee/record=b5162906*est

A blockchain-assisted hash-based signature scheme

Buldas, Ahto; Laanoja, Risto; Truu, Ahto Secure IT Systems : 23rd Nordic Conference, NordSec 2018, Oslo, Norway, November 28-30, 2018 : proceedings 2018 / p. 138-153 : ill https://doi.org/10.1007/978-3-030-03638-6_9 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Body-to-Body communication : applications, system design aspects and performance evaluation

Khan, Rida; Alam, Muhammad Mahtab The 12th International Symposium on Medical Information and Communication Technology : ISMICT 2018, 26-28 March 2018, University of Technology Sydney 2018 / 2 p. : ill <http://ismict2018.org/images/Docs-2017/ISMICT-2018->

BONUS INTEGRAL : improved biogeochemical monitoring and greenhouse gas flux assessment for the Baltic Sea through high resolution trace gas data acquisition [Online resource]

Rehder, Gregor; Rutgersson, Anna; Laakso, Lauri; Kulinski, Karol; **Lips, Urmas** 2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings 2018 / p. 59-60 : ill https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf

Book review : Public administration in search of a theory of change. By Edoardo Ongaro. Philosophy and public administration : an introduction. Edward Elgar, 2017

Kattel, Rainer Administrative culture = Halduskultuur = Административная культура = Verwaltungskultur = Hallintokulttuuri. Vol. 19, no. 1 2018 / p. 137-139 <http://halduskultuur.eu/journal/index.php/HKAC/article/view/210>

Boost half-bridge DC-DC converter with reconfigurable rectifier for ultra-wide input voltage range applications

Vinnikov, Dmitri; Chub, Andrii; Liivik, Elizaveta; Blaabjerg, Frede; Siwakoti, Yam P. 2018 IEEE Applied Power Electronics Conference and Exposition (APEC 2018), San Antonio, Texas, USA, 4-8 March 2018 / p. 1528-1532 : ill <https://doi.org/10.1109/APEC.2018.8341219> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Boris Kuusik : [elulooandmeid]

Sada aastat Eesti teedele : Maanteeameti 100. sünnipäevale pühendatud uurimus 2018 / lk. 99-101 : fot

Brain stimulation by modulated microwave radiation: a feasibility study

Bachmann, Maie; Bachmann, Jaanus; Ioannides, Andreas A.; **Hinrikus, Hiie** 2018 EMF-Med 1st World Conference on Biomedical Applications of Electromagnetic Fields (EMF-Med), 10-13 Sept. 2018 / 2 p <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8526055&tag=1>

The breaking of symmetry leads to chirality in cucurbituril-type hosts

Aav, Riina; Mishra, Kamini Atindrakumar Symmetry 2018 / 26 p. : ill <https://doi.org/10.3390/sym10040098> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Brexit : history, reasoning and perspectives

2018 <https://doi.org/10.1007/978-3-319-73414-9>

BRICO 2016-2018 : [rahvusvaheline terassildade projekteerimise ja mudelite valmistamise võistlus TTÜs]

Järvpõld, Madis; Öiger, Karl; Kangilaski, Juhani; **Idnurm, Siim; Siim, Kaarel; Vesingi, Kaarel** 100 aastat TTÜ ehitusinseneri 2018 / lk. 400-407 : fot

BRICO 2018 : meeskondi tuleb Austriast Austraaliani

Kamps, Mari Director. Inseneeria 2018 / lk. 108-111 : fot http://www.ester.ee/record=b1519314*est https://artiklid.elnet.ee/record=b2835989*est

BRICO 2018 : varasemast kõrgem tase ja rohkem eksootikat

Kamps, Mari Director. Inseneeria 2018 / lk. 92-95 : fot http://www.ester.ee/record=b2336521*est https://artiklid.elnet.ee/record=b2862640*est

Bridging metacompetencies and entrepreneurship education

Ustav, Sirje; Venesaar, Urve Education and Training 2018 / p. 674-695 : ill <https://doi.org/10.1108/ET-08-2017-0117> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Brief Communication : mapping river ice using drones and structure from motion

Alfredsen, Knut; Haas, Christian; **Tuhtan, Jeffrey Andrew;** Zinke, Peggy The cryosphere 2018 / p. 627-633 : ill <https://doi.org/10.5194/tc-12-627-2018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bringing the community back : a case study of the post-earthquake heritage restoration in Kathmandu Valley

Lekakis, Stelios; **Shakya, Shobhit; Kostakis, Vasileios** Sustainability 2018 / art. 2798, 17 p. : ill <https://doi.org/10.3390/su10082798> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

British approach to the European Union: from Tony Blair to David Cameron

Mölder, Holger Brexit : history, reasoning and perspectives 2018 / p. 153-173 https://doi.org/10.1007/978-3-319-73414-9_9

The British rebate and the single European act: Political ramifications of an economic reform

Keedus, Liisi; **Kerikmäe, Tanel; Chochia, Archil; Ramiro Troitino, David** Brexit : history, reasoning and perspectives 2018 / p. 141-151 https://doi.org/10.1007/978-3-319-73414-9_8

Broken rotor bar fault diagnostic of inverter fed induction motor using FFT, Hilbert and Park's vector approach

Asad, Bilal; Vaimann, Toomas; Belahcen, Anouar; Kallaste, Ants 2018 XIII International Conference on Electrical Machines (ICEM 2018) : Alexandroupoli, Greece, 3-6 September 2018 / p. 2352-2358 : ill <https://doi.org/10.1109/ICELMACH.2018.8506957>

Buck-boost unfolder inverter as a novel solution for single-phase PV systems

Husev, Oleksandr; Matiushkin, Oleksandr; Vinnikov, Dmitri; Roncero, Carlos; Romero-Cadaval, Enrique; Kütt, Lauri IECON 2018 - 44th Annual Conference of the IEEE Industrial Electronics Society : proceedings 2018 / p. 6116-6121 : ill <https://doi.org/10.1109/IECON.2018.8592899>

Budgeting and financial management reforms in Estonia during the crisis of 2008-10 and beyond

Raudla, Ringa; Randma-Liiv, Tiina; Savi, Riin Public management in times of austerity 2018 / p. 222-238 http://www.ester.ee/record=b4690012*est

Building a Ukrainian identity in Odessa: negotiation of markers and informal nationalism

Polese, Abel Otoritas : jurnal ilmu pemerintahan 2018 / p. 1-16 <http://dx.doi.org/10.26618/ojip.v8i1.1014>

Building natural morphologies for effective beach nourishment

Parnell, Kevin Ellis 2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings 2018 / p. 134-135 : ill https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf

Business models in compliance with sulphur emissions control area regulations in the Baltic Sea region = Väävli emissiooni kontrolli ala nõuetele vastavad ärimudelid Läänemere piirkonnas

Olaniyi, Eunice Omolola 2018 <https://digi.lib.ttu.ee/i/?10144> https://www.ester.ee/record=b5146356*est

Business schools' organizational learning rate dependence on the management system : example of Estonia

Voolaid, Karen; Ehrlich, Üllas Proceedings of the 15th International Conference on Intellectual Capital, Knowledge Management and Organisational Learning : University of the Western cape, South Africa, 29-30 November 2018 2018 / p. 339-345 [ICICKM-2018-Proceedings](#)

The bust, the boom and the sanctions in trade relations with Russia

Veebel, Viljar; Markus, Raul Journal of International Studies 2018 / p. 9-20 <https://doi.org/10.14254/2071-8330.2018/11-1/1> [Journal metrics at Scopus](#) [Article at Scopus](#)

Büroomööbel [Võrguteavik] : büroo töötool. Osa 2, Ohutusnõuded = Office furniture : office work chair. Part 2, Safety

2018 https://www.ester.ee/record=b5179761*est

Calcium extraction from Estonian industrial wastes based on ammonium solvents

Tamm, Kadriann; Viies, Regiina; Kuusik, Rein, keemik; Uibu, Mai Energy and sustainability VII 2018 / p. 465-476 : ill <https://doi.org/10.2495/ESUS170431> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Calculation method for plates with discrete variable thickness under uniform loading or hydrostatic pressure

Aryassov, G.; Gornostajev, Dmitri; Penkov, Igor International journal of applied mechanics and engineering 2018 / p. 835-853 <https://doi.org/10.2478/ijame-2018-0046> [Journal metrics at Scopus](#) [Article at Scopus](#)

Calculation of the traction effort of ISEAUTO self-driving vehicle

Rassõlkin, Anton; Gevorkov, Levon; Vaimann, Toomas; Kallaste, Ants; Sell, Raivo 2018 25th International Workshop on Electric Drives: Optimization in Control of Electric Drives (IWED) 2018 / p. 1-5 : ill <https://doi.org/10.1109/IWED.2018.8321397>

Cambodian Buddhists' response to the French protectorate

San, Pisith eJournal of Buddhist Research Studies 2018 / p. 64-85 <http://research.thanhsiang.org/sites/default/files/attachment/2018vol4a.pdf>

Cambridge, Stephen Hawking ja aheldamata mõtted

Engelbrecht, Jüri Sirp 2018 / lk. 31 <http://www.sirp.ee/s1-artiklid/c21-teadus/cambridge-stephen-hawking-ja-aheldamata-motted/>

Can I have a Mooc2Go, please? On the viability of mobile vs. stationary learning

Zhao, Yue; Robal, Tarmo; Lofi, Christoph; Hauff, Claudia Lifelong Technology-Enhanced Learning : 13th European Conference on Technology Enhanced Learning : EC-TEL 2018, Leeds, UK, September 3-5, 2018 : proceedings 2018 / p. 101-115 : ill https://doi.org/10.1007/978-3-319-98572-5_8 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Can nation building be 'spontaneous'? A (belated) ethnography of the Orange Revolution

Polese, Abel Identity and nation building in everyday post-socialist life 2018 / p. 161-175

Capillary electrophoresis sensitivity enhancement based on adaptive moving average method

Drevinskas, Tomas; Telksnys, Laimutis; Maruška, Audrius; Gorbatošova, Jelena; Kaljurand, Mihkel Analytical chemistry 2018 / p. 6773-6780 : ill <https://doi.org/10.1021/acs.analchem.8b00664> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Capital flows and growth dynamics in Central and Eastern Europe

Staehr, Karsten Post-communist economies 2018 / p. 1-18 : ill <https://doi.org/10.1080/14631377.2017.1362195> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Carbon accumulation rate in a raised bog in Latvia, NE Europe, in relation to climate warming

Stivrinš, Normunds; Liiv, Merlin; Ozola, Ilze; **Reitalu, Triin** Estonian journal of earth sciences 2018 / p. 247–258 : ill <https://doi.org/10.3176/earth.2018.20> http://www.ester.ee/record=b2246661*est http://www.kirj.ee/public/Estonian_Journal_of_Earth_Sciences/2018/issue_4/earth-2018-4-247-258.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cardiac muscle regulatory units are predicted to interact stronger than neighboring cross-bridges

Kalda, Mari; Vendelin, Marko Biophysical journal 2018 / p. 549a <https://doi.org/10.1016/j.bpj.2017.11.2998>

Carrier level-shifted based control method for the PWM 3L-T-Type qZS inverter with capacitor imbalance compensation

Roncero-Clemente, Carlos; Romero-Cadaval, Enrique; Ruiz-Cortes, Mercedes; **Husev, Oleksandr** IEEE transactions on industrial electronics 2018 / p. 8297-8306 : ill <https://doi.org/10.1109/TIE.2018.2814020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Carroll diagrams : design and manipulation

Moktefi, Amirouche Diagrammatic Representation and Inference : 10th International Conference, Diagrams 2018, Edinburgh, UK, June 18–22, 2018 : proceedings 2018 / p. 32-35 : ill https://doi.org/10.1007/978-3-319-91376-6_7 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Case-Control study on occupational exposure to extremely low-frequency electromagnetic fields and the association with meningioma

Carlberg, Michael; **Koppel, Tarmo;** Ahonen, Mikko; Hardell, Lennart BioMed research international 2018 / 6 p. : ill <https://doi.org/10.1155/2018/5912394> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Catalysts derived from sustainable natural and value added alkaloids from poppies

Silm, Estelle; Pata, Pille; Kruis, Jaqueline Cecilia; Sikerina, Anastassia; Pata, Ilar; **Kanger, Tõnis; Gathergood, Nicholas** IUPAC Postgraduate Summer School on Green Chemistry : 7-13 July 2018, Venice - Italy : book of abstracts 2018 / p. 24 https://www.unive.it/pag/fileadmin/user_upload/extra/SSGC/documenti/Book_of_abstracts_per_website_23_July.pdf

Catalysts derived from sustainable natural and value added alkaloids from poppies [Online resource]

Silm, Estelle; Pata, Pille; Kruis, Jaqueline Cecilia; Sikerina, Anastassia; Pata, Ilar; **Kanger, Tõnis; Gathergood, Nicholas** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p <http://fmtdk.ut.ee/teesid-2018/>

Catalytic effect of oil shale ash on CO2 gasification of leached wheat straw and reed chars

Link, Siim; Tran, Khanh-Quang; Bach, Quang-Vu; Yrjas, Patrik; **Rosin, Argo** Energy 2018 / p. 906-913 <https://doi.org/10.1016/j.energy.2018.04.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Catalytic hydrogenation for Estonian shale oil

Jurkeviciute, Ana; Soone, Jüri Journal of petroleum & environmental biotechnology 2018 / p. 50 <https://doi.org/10.4172/2157-7463-C3-047>

Caucasus 3 plus Baltic 3 and Economic Cooperation with China

Charaia, Vakhtang; **Chochia, Archil;** Lashkhi, Mariam Baltic journal of European studies 2018 / p. 44–64 : ill <https://doi.org/10.1515/bjes-2018-0015>

Cavitation-dispersion method for copper cementation from wastewater by iron powder

Shishkin, Andrei; Mironovs, Viktors; Vu, Hong; Novak, Pavel; **Baroninš, Janis;** Polyakov, Alexandr; Ozolins, Jurijs Metals 2018 / art. 920, 11 p. : ill <https://doi.org/10.3390/met8110920> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

(Ca-Y)-phosphate inclusions in apatite crystals from Archean rocks from the Barberton Greenstone Belt and Pilbara Craton : First report of natural occurrence

Birski, Łukasz; Wirth, Richard; Slaby, Ewa; Wudarska, Alicja; **Lepand, Aivo** American mineralogist 2018 / p. 307–313 : ill <https://doi.org/10.2138/am-2018-6150> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Certified Foata normalization for generalized traces

Maarand, Hendrik; Uustalu, Tarmo NASA Formal Methods Symposium : 10th International Symposium, NFM 2018, Newport News, VA, USA, April 17-19, 2018 : proceedings 2018 / p. 299-314 https://doi.org/10.1007/978-3-319-77935-5_21 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Challenges of microgrids in remote communities: a STEEP model application

Akinyele, Daniel; **Belikov, Juri;** Levron, Yoash Energies 2018 / art. 432, 35 p. : ill <https://doi.org/10.3390/en11020432> [Journal metrics at](#)

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

Challenges of the implementation of the European charter of local self-government in Estonian legislation

Lääne, Sulev; Mäeltsemees, Sulev; Olle, Vallo Lex localis 2018 / p. 983-1002 : ill [https://doi.org/10.4335/16.4.983-1002\(2018\)](https://doi.org/10.4335/16.4.983-1002(2018)) [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

Challenges to voting processes reengineering : equal treatment of multiple channels in legally binding elections

Krimmer, Robert Johannes; Duenas Cid, David; Krivonosova, Iuliia; Vinkel, Priit; Koitmäe, Arne Revista Romana de studii electorale 2018 / p. 61-74 : ill http://www.roaep.ro/prezentare/wp-content/uploads/2018/09/RRSE_1_2018.pdf

Changes in sovereign debt dynamics in Central and Eastern Europe

Cuestas, Juan Carlos 2018 https://www.ester.ee/record=b5165828*est

Characterisation of 1200 V RB-IGBTs with different irradiation levels under hard and soft switching conditions

Blinov, Andrei; Korkh, Oleksandr; Vinnikov, Dmitri; Waind, Peter 2018 20th European Conference on Power Electronics and Applications (EPE'18 ECCE Europe) : Riga, Latvia, 17-21 September 2018 2018 / p. 1382-1391 : ill <https://ieeexplore.ieee.org/document/8515535>

Characteristics of high-resolution sea ice dynamics in the Gulf of Finland, Baltic Sea

Lilover, Madis-Jaak; Pavelson, Juss; Kõuts, Tarmo; Leppäranta, Matti Boreal environment research 2018 / p. 175-191 <http://www.borenv.net/BER/pdfs/ber23/ber23-175-191.pdf>

Characterization of protein kinase ULK3 regulation by phosphorylation and inhibition by small molecule SU6668

Kasak, Lagle; Näks, Mihkel; Eek, Priit; Piirsoo, Alla; Bhadoria, Rohit; Starkov, Pavel; Saarma, Merilin; Kasvandik, Sergo; Piirsoo, Marko Biochemistry 2018 / p. 5456-5465 <https://doi.org/10.1021/acs.biochem.8b00356> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

Characterization of the free plume created by stoves using laboratory measurements

Thalfeldt, Martin; Georges, Laurent; Skreiberg, Øyvind Roomvent&Ventilation 2018 : Excellent Indoor Climate and High Performing Ventilation : proceedings 2018 / p. 505-510 : ill <https://www.lyyti.fi/e/?p=s&k=76eA857eee2A33adcE00b0E> https://www.lyyti.fi/reg_att/efA658E7F74904eE7C/191245506eEbEE37F1fb.pdf

Characterization of the pyrolytic water from shale oil industry

Maaten, Birgit; Järvik, Oliver; Loo, Lauri; Konist, Alar; Siirde, Andres Oil shale 2018 / p. 365-374 : ill http://kirj.ee/public/oilshale_pdf/2018/issue_4/OS-2018-4-365-374.pdf <https://doi.org/10.3176/oil.2018.4.06> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

Chemical analysis of dumped chemical warfare agents during the MODUM project

Söderström, Martin; Östin, Anders; Vaher, Merike; Jõul, Piia; Lees, Heidi; Kaljurand, Mihkel Towards the monitoring of dumped munitions threat (MODUM) : a study of chemical munitions dumpsites in the Baltic Sea 2018 / p. 71-103 https://doi.org/10.1007/978-94-024-1153-9_4 [Article collections](#) [at Scopus](#) [Article](#) [at Scopus](#) [Article](#) [at WOS](#)

A chinese girl collecting gems in Tallinn

Wang, Ruxin Studioosus 2018 / lk. 18-19 https://www.ester.ee/record=b1558644*est

Chiral heterocycle-based receptors for enantioselective recognition

Khose, Vaibhav N.; John, Marina E.; Pandey, Anita D.; Borovkov, Victor; Karnik, Anil V. Symmetry 2018 / 75 p : ill <https://doi.org/10.3390/sym10020034> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

Chirogenesis in supramolecular systems on the basis of porphyrinoids

Borovkov, Victor Proceedings : 2018, Symmetry 2017 ; vol. 2 2018 / p. 83 <https://doi.org/10.3390/proceedings2010083>

CHITDB : a database for documenting and analysing diversification of Ordovician-Silurian chitinozoans in the Baltic region

Hints, Olle; Antonovitš, Liina; Bauert, Garmen; Nestor, Viuu; Nõlvak, Jaak; Tammekänd, Mairi Lethaia 2018 / p. 218 - 227 <https://doi.org/10.1111/let.12249> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

Chitosan nanoparticles having higher degree of acetylation induce resistance against pearl millet downy mildew through nitric oxide generation

Siddaiah, Chandra Nayaka; Prasanth, Keelara Veerappa Harish; Satyanarayana, Niranjan Raj; Mudili, Venkataramana; Gupta, Vijai Kumar; Kalagatur, Naveen Kumar; Satyavati, Tara; Dai, Xiao-Feng; Chen, Jie-Yin; Mocan, Andrei Scientific reports 2018 / art. 2485, 14 p. : ill <https://doi.org/10.1038/s41598-017-19016-z> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at Scopus](#) [Article](#) [at WOS](#)

Chlorine analysis with XRF to determine salinity of pore water in the Baltic Sea sediments

Pajusaar, Siim; Kallaste, Toivo; Kiipli, Tarmo Geoanalysis 2018 : 10th International Conference on the Analysis of Geological and

Citizen-oriented digital transformation in the public sector

Mergel, Ines; **Kattel, Rainer; Lember, Veiko; McBride, Keegan David Braun** dg.o 18 : Proceedings of the 19th Annual International Conference on Digital Government Research : Governance in the Data Age : Delft, Netherlands, May 30-June 01, 2018 2018 / art. 122, 3 p <https://doi.org/10.1145/3209281.3209294> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

City as a product, planning as a service

Prilenska, Viktorija; **Paadam, Katrin; Liias, Roode** Places and Technologies 2018 : 5th International Academic Conference on Places and Technologies, Belgrade, Serbia, 26-27 April 2018 : Conference proceedings 2018 / p. 262–268

Class XI myosins contribute to auxin response and senescence-induced cell death in Arabidopsis

Ojangu, Eve-Ly; Ilau, Birger; Tanner, Krista; Talts, Kristiina; Ihoma, Eliis; Dolja, Valerian V.; Paves, Heiti; Truve, Erkki Frontiers in plant science 2018 / art. 1570, 21 p. : ill <https://doi.org/10.3389/fpls.2018.01570> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Classification and denoising of objects in TEM and CT images using deep neural networks = Objektide klassifitseerimine ja müratustamine TEM ja KT kujutistelt sügavate närvivõrkude abil

Gupta, Anindya 2018 <https://digi.lib.ttu.ee/i/?9954> https://www.eester.ee/record=b5056535*est

Classifying the business model from a strategic and innovation perspective [Online resource]

Cuc, Julio Estanislao; Miina, Aleksandr Journal of business models 2018 / p. 15-18 : ill <http://journalofbusinessmodels.com/vol-6-no-2-2018/vol-6-no-2-pp-15-18/>

Climate zones

Kalamees, Targo; Morck, Ove Christen A Guide into Renovation Package Concepts for Mass Retrofit of Different Types of Buildings with Prefabricated Elements for (N)Zeb Performance 2018 / p. 71-75 : ill [Guide into renovation...](#)

CLT compartment fire test

Just, Alar; Brandon, Daniel; **Mäger, Katrin Nele;** Pukk, Rait WCTE 2018 - World Conference on Timber Engineering 2018 [CLT...](#)

CLT compartment test in Estonia

Mäger, Katrin Nele Fire design models for Europe : expert meeting 2018 / p. 80-96 : ill [Expert meeting...](#)

CLT protected by gypsum boards : design models

Just, Alar; Mäger, Katrin Nele; Kraudok, Kairit Fire design models for Europe : expert meeting 2018 / p. 62-74 : ill [Expert meeting...](#)

Clustering of floating particles due to submesoscale dynamics : a simulation study for the Gulf of Finland, Baltic Sea

Väli, Germa; Zhurbas, Victor; **Laanemets, Jaan; Lips, Urmas** Фундаментальная и прикладная гидрофизика 2018 / с. 21-35 <https://doi.org/10.7868/s2073667318020028> <http://hydrophysics.info/?p=3685&en> [Journal metrics at Scopus](#) [Article at Scopus](#)

CMEMS Baltic Monitoring and Forecasting Centre : high-resolution wave forecasts in the seasonally ice-covered Baltic Sea [Online resource]

Tuomi, Laura; Vähä-Piikkiö, Olga; Siili, T.; **Alari, Victor** Operational oceanography serving sustainable marine development : Proceedings of the Eighth EuroGOOS International Conference, 3-5 October 2017, Bergen, Norway 2018 / p. 269-274 : ill <http://eurogoos.eu/download/publications/EuroGOOS-2017-Conference-Proceedings.pdf>

CNC machining of halftone and lithophane images into wood-based panels [Online resource]

Kiiman, Karmo; Luga, Üllar; Poltimäe, Triinu; Kers, Jaan Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / p. 1 <http://fntdk.ut.ee/teesid-2018/>

CO2 mineralization in cement sector : Lab scale experiments on burnt oil shale and concrete demolition wastes

Uibu, Mai; Usta, Mustafa Cem; **Tamm, Kadriann; Žuravljova, Anastassia; Kallas, Juha; Kuusik, Rein, keemik; Triikkel, Andres** enos-project.eu 2018 / 18 p. : ill <http://www.enos-project.eu/highlights/conference/basreccs-enos-workshop/> http://www.enos-project.eu/media/15321/8-basreccs-enos_muibu.pdf

Coastal dune dynamics along the northern Curonian Spit, Lithuania : toward an integrated database

Bitinas, Albertas; Dobrotin, Nikita; Buynevich, Ilya; **Molodkov, Anatoli** Geological quarterly 2018 / p. 553–562 : ill <https://doi.org/10.7306/gq.1435> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Coastal management as a driver for earth system changes in the Baltic Sea region [Online resource]

Parnell, Kevin Ellis Baltic Earth Workshop on multiple drivers for Earth system changes in the Baltic Sea region : Tallinn University of Technology, Tallinn, Estonia 26-27 November 2018 : [programme, abstracts, participants] 2018 / p. 17-18 : ill https://www.baltic-earth.eu/multipledrivers2018/material/No.14_Tallinn2018.pdf

Coating with microbial hydrophobins : a novel approach to develop smart drug nanoparticles

Singh, Brahma N.; Singh, Braj R.; **Gupta, Vijai Kumar** Trends in biotechnology 2018 / p. 1103–1106 : ill

<https://doi.org/10.1016/j.tibtech.2018.03.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cobalt- and nickel-free titanium and chromium carbide-based cermets = Koobalti- ja nikli-vabad titaankarbiid- ja kroomkarbiidkermised

Kolnes, Märt 2018 <https://digi.lib.ttu.ee/i/?9960> https://www.ester.ee/record=b5138030*est

Cocaine-induced epigenetic DNA modification in mouse addiction-specific and non-specific tissues

Anier, Kaili; Urb, Mari; Kipper, Karin; Herodes, Koit; **Timmusk, Tõnis** Neuropharmacology 2018 / p. 13-25

<https://doi.org/10.1016/j.neuropharm.2018.06.036> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Co-creating an Open Government Data Driven Public Service : the case of Chicago's Food Inspection Forecasting Model

McBride, Keegan David Braun; Aavik, Gerli; Kalvet, Tarmo; Krimmer, Robert Johannes Proceedings of the 51st Hawaii

International Conference on System Sciences : 3-6 January, 2018, Waikoloa Village, Hawaii, U.S.A. 2018 / p. 2453-2462 : ill

<http://hdl.handle.net/10125/50197>

Codensity lifting of monads and its dual

Katsumata, Shin-ya; Sato, Tetsuya; **Uustalu, Tarmo** Logical methods in computer science 2018 / p. 1-31

[https://doi.org/10.23638/LMCS-14\(4:6\)2018](https://doi.org/10.23638/LMCS-14(4:6)2018) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Collaborative project management framework for partner network initiation in machining domain [Online resource]

Ševtšenko, Eduard; Polyantchikov, Igor; Mahmood, Kashif; Kangilaski, Taivo; Norta, Alexander; Karaulova, Tatjana; Perm, Ardo Proceedings of the 18th Online World Conference on Soft Computing in Industrial Applications (WSC18) 2018 / p. 215-233 : ill

https://doi.org/10.1007/978-3-030-00612-9_19 <https://link.springer.com/content/pdf/bfm%3A978-3-030-00612-9%2F1.pdf> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Combinational inhibitory action of hedychium spicatum L. essential oil and γ-radiation on growth rate and mycotoxins content of fusarium graminearum in maize: response surface methodology

Kalagatur, Naveen Kumar; Kamasani, Jalarama R.; Siddaiah, Chandranayaka; **Gupta, Vijai Kumar**; Krishna, Kadirvelu; Mudili,

Venkataramana Frontiers in microbiology 2018 / art. 1511, 15 p. : ill <https://doi.org/10.3389/fmicb.2018.01511> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Combined effect of heavy metals on the activated sludge process

Lember, Erki; Retšnoi, Vitali; Pachel, Karin; Loigu, Enn Proceedings of the Estonian Academy of Sciences 2018 / p. 305-314 : ill

http://www.kirj.ee/public/proceedings_pdf/2018/issue_4/proc-2018-4-305-314.pdf <https://doi.org/10.3176/proc.2018.4.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Combined pseudo-exhaustive and deterministic testing of array multipliers

Oyeniran, Adeboye Stephen; Azad, Siavoosh Payandeh; Ubar, Raimund-Johannes 2018 IEEE International Conference on

Automation, Quality and Testing, Robotics (AQTR) : THETA 21st edition, 24th-26th May, Cluj-Napoca, Romania : proceedings 2018 / 6 p. : ill <https://doi.org/10.1109/AQTR.2018.8402708>

Combustion as a possible solution to pyrolytic wastewater utilization

Konist, Alar; Järvik, Oliver; Pihu, Tõnu; Nešumajev, Dmitri Chemical engineering transactions 2018 / p. 859-864 : ill

<https://doi.org/10.3303/CET1870144> [Journal metrics at Scopus](#) [Article at Scopus](#)

Combustion synthesis of MoSi₂ based composite and selective laser sintering thereof

Minasyan, Tatevik; Aghayan, Marina; Liu, Le; Aydinian, Sofiya; Kollo, Lauri; Hussainova, Irina; Rodriguez, Miguel Angel

Journal of the European Ceramic Society 2018 / p. 3814-3821 : ill <https://doi.org/10.1016/j.jeurceramsoc.2018.04.043> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Commercial property tokenizing with smart contracts

Norta, Alexander; Fernandez, Chad; Hickmott, Stefan 2018 International Joint Conference on Neural Networks (IJCNN) : 2018

proceedings 2018 / p. 4801-4808 <https://doi.org/10.1109/IJCNN.2018.8489534> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Committee on Marine Sciences

Soomere, Tarmo Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2017 2018 / p. 42-45

https://www.ester.ee/record=b1874722*est

A common misunderstanding about capitalism and communism through the eyes of innovation

Fischer, Dirk-Hinnerk; Yeritsyan, Hovhannes Economic Thought 2018 / p. 1-14

<http://etdiscussion.worldeconomicassociation.org/papers/a-common-misunderstanding-about-capitalism-and-communism-through-the-eyes-of-innovation/> [Journal metrics at Scopus](#) [Article at Scopus](#)

Compact multichannel device for differential impedance spectroscopy of microfluidic sensors [Online resource]

Ojarand, Jaan; Ehrminger, Robin Benjamin; Min, Mart; Koel, Ants BEC 2018 : 2018 16th Biennial Baltic Electronics Conference (BEC) : proceedings of the 16th Biennial Baltic Electronics Conference, October 8-10, 2018 2018 / 4 p.: ill <http://doi.org/10.1109/BEC.2018.8600955>

Comparative analysis of high power density bidirectional DC-DC converters for portable energy storage applications

Tytelmaier, Kostiantyn; Zakis, Janis; **Husev, Oleksandr; Vinnikov, Dmitri** Elektronika ir elektrotehnika = Electronics and electrical engineering 2018 / p. 33–41 : ill <https://doi.org/10.5755/j01.eie.24.6.22287> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparative analysis of HVAC cable metallic sheath modelling approaches for network studies

Kangro, Triin; Kilter, Jako; De Silva, Jeewantha 2018 18th International Conference on Harmonics and Quality of Power (ICHQP 2018) : Ljubljana, Slovenia, 13 – 16 May 2018 2018 / 6 p. : ill <https://doi.org/10.1109/ICHQP.2018.8378924>

Comparative investigation of microstructure, mechanical properties and strengthening mechanisms of Al-12Si/TiB2 fabricated by selective laser melting and hot pressing

Xi, L. X.; Zhang, H.; Wang, P.; Li, H.C.; **Prashanth, Konda Gokuldoss** Ceramics international 2018 / p. 17635-17642 : ill <https://doi.org/10.1016/j.ceramint.2018.06.225> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A comparative study of approaches of ontology driven software development

Haav, Hele-Mai Informatica 2018 / p. 439–466 : ill <https://doi.org/10.15388/Informatica.2018.175> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparative study of field-oriented control model in application for induction and synchronous reluctance motors for life-cycle analysis

Autsou, Siarhei; Saroka, Viktor; Karpovich, Dzmitry; **Rassõlkin, Anton; Gevorkov, Levon; Vaimann, Toomas; Kallaste, Ants; Belahcen, Anouar;** Rassõlkin, Anton 2018 25th International Workshop on Electric Drives: Optimization in Control of Electric Drives (IWED) 2018 / p. 1-5 : ill <https://doi.org/10.1109/IWED.2018.8321371>

Comparing a 41-year model hindcast with decades of wave measurements from the Baltic Sea

Björkqvist, Jan-Victor; Lukas, Ingvar; **Alari, Victor; Männik, Aarne** Ocean engineering 2018 / p. 57-71 : ill <https://doi.org/10.1016/j.oceaneng.2018.01.048> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparison of DBaaS Architectures

Astrova, Irina; Koschel, Arne; Eickemeyer, Chris; Offel, Norman 2018 9th International Conference on Information, Intelligence, Systems and Applications (IISA 2018) : Zakynthos, Greece, 23-25 July 2018 2018 / p. 1-5 : ill <https://doi.org/10.1109/IISA.2018.8633590>

Comparison of least squares modifications of stokes's and hotine's formula using pointwise and gridded gravity data ; S3-P16

Sakil, Fatima Feyza; Erol, Serdar; Isik, M. Serkan; Erol, Bihter; **Ellmann, Artu** International Symposium Gravity, Geoid and Height Systems 2 : GGHS2018 : "Gravity Field Of The Earth" : The 2nd joint meeting of the International Gravity Field Service and Commission 2 of the International Association of Geodesy, Copenhagen, Denmark, Sept. 17-21, 2018 : abstract book 2018 / p. 75

Comparison of plasma transferred arc and submerged arc welded abrasive wear resistant composite hardfacings

Simson, Taavi; Kulu, Priit; Surženkov, Andrei; Ciuplys, Antanas; **Viljus, Mart;** Zaldarys, Gintautas Materials science = Medžiagotyra 2018 / p. 172-176 : ill <https://doi.org/10.5755/j01.ms.24.2.19121> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparison of plasma transferred arc and submerged arc welded abrasive wear resistant composite hardfacings [Online resource]

Simson, Taavi; Kulu, Priit; Surženkov, Andrei; Bendikiene, Regita; Ciuplys, Antanas; **Viljus, Mart** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p <http://fmtdk.ut.ee/teesid-2018/>

Comparison of predictive equations for basal metabolic rate

Allik, Ardo; Mägi, Siiri; Pilt, Kristjan; Karai, Deniss; Fridolin, Ivo; Leier, Mairo; Jervan, Gert Wireless Mobile Communication and Healthcare : 7th International Conference, MobiHealth 2017, Vienna, Austria, November 14–15, 2017 : proceedings 2018 / p. 261-264 : ill <https://doi.org/10.1007/978-3-319-98551-0> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Comparison of single-rate and two-rate neural control approaches for coaxial rotor/ducted-fan UAV for situational awareness applications

Pedai, Andrus; Astrov, Igor; Udal, Andres 2018 IEEE 16th International Symposium on Intelligent Systems and Informatics (SISY), 13-15 Sept. 2018 : proceedings 2018 / p. 63–68 : ill <http://dx.doi.org/10.1109/SISY.2018.8524720>

Comparison of soft switching methods of DC-AC full bridge high-frequency link converter

Korkh, Oleksandr; Blinov, Andrei; Kosenko, Roman; Vinnikov, Dmitri 59th Annual International Scientific Conference on Power

and Electrical Engineering : November 12, 13, 2018, Riga Technical University (RTUCON) : conference proceedings 2018 / 6 p. : ill <https://doi.org/10.1109/RTUCON.2018.8659898>

Comparison of static and dynamic shading systems for office buildings energy consumption and cooling load assessment

De Luca, Francesco; Voll, Hendrik; Thalfeldt, Martin Management of environmental quality : an international journal 2018 / p. 978-998 : ill <https://doi.org/10.1108/MEQ-01-2018-0008> [Journal metrics at Scopus](#) [Article at Scopus](#)

Compensation of the baseline temperature fluctuations for autonomous CE–C4D instrument working in harsh environments

Drevinskas, Tomas; Telksnys, Laimutis; Maruška, Audrius; **Gorbatšova, Jelena; Kaljurand, Mihkel** Electrophoresis 2018 / p. 2877–2883 : ill <https://doi.org/10.1002/elps.201800132> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Complete genome sequencing of the luminescent bacterium, vibrio qinghaiensis sp. Q67 using PacBio technology

Gong, Liang; Wu, Yu; Jian, Qijie; Yin, Chunxiao; **Gupta, Vijai Kumar**; Duan, Xuewu; Jiang, Yueming Scientific Data 2018 / art. 170205 <https://doi.org/10.1038/sdata.2017.205> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Complexities associated with modeling of residential electricity consumption

Iqbal, Muhammad Naveed; Kütt, Lauri; Rosin, Argo 59th Annual International Scientific Conference on Power and Electrical Engineering : November 12, 13, 2018, Riga Technical University (RTUCON) : conference proceedings 2018 / 6 p. : ill <https://doi.org/10.1109/RTUCON.2018.8659812>

The complexity of mitochondrial outer membrane permeability and VDAC regulation by associated proteins

Klepinin, Aleksandr; Õunpuu, Ljudmila; Mädo, Kati; **Truu, Laura**; Tšekulajev, Vladimir; Puurand, Marju; Ševtšuk, Igor; Tepp, Kersti; Planken, Anu; Käämbre, Tuuli Journal of bioenergetics and biomembranes 2018 / p. 339-354 : ill <https://doi.org/10.1007/s10863-018-9765-9>

Composition and metabolism of fecal microbiota from normal and overweight children are differentially affected by melibiose, raffinose and raffinose-derived fructans

Adamberg, Kaarel; Adamberg, Signe; Ernits, Karin Anaerobe 2018 / p. 100-110 : ill <https://doi.org/10.1016/j.anaerobe.2018.06.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comprehensive analysis of proteolysis during 8 months of ripening of high-cooked Old Saare cheese

Taivassalo, Anastassia; Kriščiunaite, Tiina; **Seiman, Andrus**; Part, Natalja; Stulova, Irina; **Vilu, Raivo** Journal of dairy science 2018 / p. 944-967 : ill <https://doi.org/10.3168/jds.2017-12944> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A comprehensive approach for designing business-intelligence solutions with multi-agent systems in distributed environments

Qayumi, Karima; **Norta, Alexander** Transactions on Large-Scale Data- and Knowledge-Centered Systems XXXVII 2018 / p. 113-150 https://doi.org/10.1007/978-3-662-57932-9_4 [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article collection metrics at WOS](#) [Article at WOS](#)

Computation of hysteresis torque and losses in a bearingless synchronous reluctance machine

Belahcen, Anouar; Mukhrejee, Victor; Martin, Florian; Rasilo, Paavo IEEE transactions on magnetics 2018 / art. 7300804, 4 p. : ill <https://doi.org/10.1109/TMAG.2017.2765080> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Computer-aided evaluation of blood vessel geometry from acoustic images

Lindström, Stefan B.; **Uhlin, Nils Fredrik Arne**; Bjarnegard, Niclas Journal of ultrasound in medicine 2018 / p. 1025-1031 : ill <https://doi.org/10.1002/jum.14439> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A Conceptual framework for effective appropriation of proactive public e-services

Sirendi, Regina; Mendoza, Antonette; **Barrier, Mariane; Taveter, Kuldar**; Sterling, Leon Abstracts of Papers Presented at the 18th European Conference on Digital Government ECDG 2018 : Hosted By University of Santiago de Compostela, Spain, 25 - 26 October 2018 2018 / p. 23-24 <https://www.academic-conferences.org/download/21774/>

A Conceptual framework for effective appropriation of proactive public e-services

Sirendi, Regina; Mendoza, Antonette; **Barrier, Mariane; Taveter, Kuldar**; Sterling, Leon Proceedings of the 18th European Conference on Digital Government (ECDG2018) : University of Santiago de Compostela, Spain, 25-26 October 2018 2018 / p. 213-221 <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059288603&partnerID=40&md5=d9349febf052a06c13e3cda8b0f9657b>

Conditional fault collapsing in digital circuits with shared structurally synthesized BDDs [Online resource]

Jürimägi, Lembit; Ubar, Raimund-Johannes BEC 2018 : 2018 16th Biennial Baltic Electronics Conference (BEC) : proceedings of the 16th Biennial Baltic Electronics Conference, October 8-10, 2018 2018 / 4 p. : ill <https://doi.org/10.1109/BEC.2018.8600967>

[Congratulations to Dimitri Kaljo]

Estonian journal of earth sciences 2018 / p. 225 : portr http://www.ester.ee/record=b2246661*est
http://www.kirj.ee/public/Estonian_Journal_of_Earth_Sciences/2018/issue_4/earth-2018-4-225.pdf

Conjectures and abductive reasoning in games

Pietarinen, Ahti-Veikko Journal of applied logics : lFCoLog journal of logics and their applications 2018 / p. 1121-1143
<https://doi.org/10.13140/RG.2.2.32685.18409>

Conodont biostratigraphy and carbon isotope stratigraphy of the Middle Ordovician (Darriwilian) Komstad Limestone, southern Sweden

Wu, Rong-Chang; Calner, Mikael; **Lehnert, Oliver**; Lindskog, Anders; Joachimski, Michael M. GFF 2018 / p. 44-54 : ill
<https://doi.org/10.1080/11035897.2018.1435561> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Considerations regarding the concept of cost-effective power-assist wheelchair subsystems (case study and initial evaluation)

Galkin, Ilja; Podgornovs, Andrejs; **Blinov, Andrei**; **Kosenko, Roman** Scientific Journal of Riga Technical University. Electrical, control and communication engineering 2018 / p. 71-80 : ill <https://doi.org/10.2478/ecce-2018-0008>

Construction process technical impact factors on degradation of the external thermal insulation composite system

Sulakatko, Virgo; Vogdt, Frank U. Sustainability 2018 / art. 3900, 26 p. : ill <https://doi.org/10.3390/su10113900> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Consultancy service in OSH and face-to-face consultancy on site to increase employers' OSH knowledge and to support OSH management - Estonia : Good example 15

Järvis, Marina; **Woolfson, Charles Alexander**; Reisberg, Rein; Raigna, Anni; Miidla-Vanatalu, Anni; Saarep, Kaire Safety and health in micro and small enterprises in the EU: from policy to practice : description of good examples 2018 / p. 100-106
<http://dx.doi.org/10.2802/270452>

Consumption of Estonian phosphorite [Online resource]

Tamm, Kadriann; **Kuusik, Rein**, **keemik**; **Veiderma, Mihkel**; **Tõnsuaadu, Kaia** Combined set of posters presented at ESPC3 2018 / [1] p. : ill <https://phosphorusplatform.eu/images/Conference/ESPC3/Outcomes/ESPC3-Posters-Combined-v2018-10-17-reduced.pdf>

Continuous monitoring of power system inertia and transmission loss components using synchronized phasor measurements = Elektrisüsteemi inertsi ja ülekandekadude komponentide pidev jälgimine faasimõõtmiste abil

Tuttelberg, Kaur 2018 <https://digi.lib.ttu.ee/i/10732> https://www.ester.ee/record=b5151804*est

Contrasting responses to long-term climate change of carbon flows to benthic consumers in two different sized lakes in the Baltic area

Freiberg, Rene; Belle, Simon; **Poska, Anneli**; Agasild, Helen; **Alliksaar, Tiit**; Tõnno, Ilmar Quaternary science reviews 2018 / p. 168-176 : ill <https://doi.org/10.1016/j.quascirev.2018.03.027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Contributing to a digital single market for Europe: barriers and drivers of an EU-wide once-only principle

Kalvet, Tarmo; **Toots, Maarja**; **Krimmer, Robert Johannes** dg.o 18 : Proceedings of the 19th Annual International Conference on Digital Government Research : Governance in the Data Age : Delft, Netherlands, May 30-June 01, 2018 2018 / Article No. 45, 8 p
<https://doi.org/10.1145/3209281.3209344> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

The contributions of human capital, R&D spending and convergence to total factor productivity growth

Männasoo, Kadri; Rein, Heili; **Ruubel, Rein** Regional studies 2018 / p. 1598-1611 : ill <https://doi.org/10.1080/00343404.2018.1445848> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Control of bidirectional grid-forming inverter for nearly zero energy buildings

Roasto, Indrek; **Jalakas, Tanel**; **Rosin, Argo** 59th Annual International Scientific Conference on Power and Electrical Engineering : November 12, 13, 2018, Riga Technical University (RTUCON) : conference proceedings 2018 / 6 p. : ill
<https://doi.org/10.1109/RTUCON.2018.8659848>

Controllable limiter of signal amplitudes for bioimpedance measurements

Ojarand, Jaan; **Min, Mart** EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 920-923 : ill https://doi.org/10.1007/978-981-10-5122-7_230 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Controlled annealing process for efficient CdTe thin film solar cells [Online resource]

Spalatu, Nicolae; **Hiie, Jaan**; **Krunks, Malle** [2018 E-MRS Spring Meeting and Exhibit : Materials for energy and environment : Thin film chalcogenide photovoltaic materials : program] 2018 / A.PII.29 <https://www.european-mrs.com/thin-film-chalcogenide-photovoltaic-materials-emrs> https://www.etis.ee/File/DownloadPublic/d661bb08-33fb-49cb-9ce9-8c6e1c3228ce?name=Fail_Abstracts%20EMRS%202018_SYMPOSIUM%20A_Thin%20film%20chalcogenide%20photovoltaic%20materials.pdf&type=application%2Fpdf

Conversion error of exponential to second order polynomial ZIP load model conversion

Leinakse, Madis; Kilter, Jako 2018 IEEE International Conference on Environment and Electrical Engineering and 2018 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe), 12-15 June 2018 : conference proceedings 2018 / p. 1-5 <https://doi.org/10.1109/EEEIC.2018.8493667>

Conversion error of second order polynomial ZIP to exponential load model conversion

Leinakse, Madis; Kilter, Jako Mediterranean Conference on Power Generation, Transmission, Distribution and Energy Conversion (MEDPOWER 2018) : Dubrovnik, Croatia, 12-15 November 2018 2018 / 5 p <https://doi.org/10.1049/cp.2018.1882>

Cooperation or integration? Churchill's attitude towards organization of Europe

Ramiro Troitino, David; Kerikmäe, Tanel; Chochia, Archil; Hrebickova, Andrea Brexit : history, reasoning and perspectives 2018 / p. 33-56 https://doi.org/10.1007/978-3-319-73414-9_3

Cooperative governance for green transport corridors

Prause, Gunnar Klaus Nachhaltige Impulse für Produktion und Logistikmanagement : Festschrift zum 60. Geburtstag von Prof. Dr. Hans-Dietrich Haasis 2018 / p. 107-123 https://doi.org/10.1007/978-3-658-21412-8_10

Copernicus Marine Service Ocean State Report

Schuckmann, Karina von; Le Traon, Pierre-Yves; **Kõuts, Mariliis; Lagemaa, Priidik; Maljutenko, Ilja; Raudsepp, Urmas** Journal of operational oceanography 2018 / S1-S142 : ill <https://doi.org/10.1080/1755876X.2018.1489208>

Copper(I)-binding properties of de-coppering drugs for the treatment of Wilson disease. α -Lipoic acid as a potential anti-copper agent

Smirnova, Julia; Kabin, Ekaterina; Järving, Ivar; Bragina, Olga; Tõugu, Vello; Plitz, Thomas; Palumaa, Peep Scientific reports 2018 / art. 1463, 9 p. : ill <https://doi.org/10.1038/s41598-018-19873-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Corporate governance in Estonia : Equilibrium on board

Wahl, Mike Franz; Davies, Lidia EIASM : 15th workshop on corporate governance, Brussels, Belgium, November 5-7, 2018 2018 / 28 p <http://www.eiasm.org/documents/abstracts/58388.pdf>

Corporate investments, credit and financial strength : European evidence [Electronic resource]

Kepp, Kaido; **Maripuu, Peeter; Männasoo, Kadri** SSRN 2018 / 27 p. : ill <https://doi.org/10.2139/ssrn.3177772>

Corrigendum to "Generation and development of damages in double forged tungsten in different regimes of irradiation with extreme heat loads" [J. Nucl. Mater. 495 (2017) 91-102]

Paju, Jana; Väli, Berit; Laas, Tõnu; **Shirokova, Veroonika; Antonov, Maksim** Journal of nuclear materials 2018 / p. 323-324 : tab <https://doi.org/10.1016/j.jnucmat.2018.03.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Corrigendum to "Patient Access to Electronic Health Records: Differences Across Ten Countries" [Health Policy and Technology, 7 (2018), 44–56] (S2211883717300722) (10.1016/j.hlpt.2017.11.003))

Essén, Anna; Scandurra, Isabella; Gerrits, Reinie; Humphrey, Gayl; Johansen, Monika Alise; Kierkegaard, Patrick; **Ross, Peeter** Health Policy and Technology 2018 / p. 224 <https://doi.org/10.1016/j.hlpt.2018.04.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Corrigendum to "The influence of high energy milling and sintering parameters on reactive sintered (Ti, Mo)C–Ni cermets" [J. Alloys Compd. 636 (2015) 381–386] (S0925838815005009) (10.1016/j.jallcom.2015.02.071))

Jõeleht, Marek; Pirso, Jüri; Juhani, Kristjan; Viljus, Mart; Traksmäa, Rainer Journal of alloys and compounds 2018 / p. 128 <https://doi.org/10.1016/j.jallcom.2018.05.128> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Corrosion behavior of high velocity oxy-fuel sprayed composite Ni-Fe-based self-fluxing alloy - cermet coatings

Sarjas, Heikki; **Surženkov, Andrei; Baroninš, Janis; Viljus, Mart; Traksmäa, Rainer; Kulu, Priit** Journal of mineral, metal and material engineering 2018 / p. 1-9 : ill <http://www.scientificarray.org/journal-of-mineral-metal-and-material-engineering-volume-4/>

Cost of new voting technologies: learnings from Estonian elections [Online resource]

Duenas Cid, David; Krivosova, Iuliia; Krimmer, Robert Johannes ECPR Joint Session, 10-14 April, 2018 : abstracts 2018 <https://ecpr.eu/Events/PaperDetails.aspx?PaperID=38426&EventID=112>

The creation of the fiscal council in Estonia : exploring the explanations for its institutional design

Raudla, Ringa; Keel, Kati; Pajussaar, Mari Public budgeting and finance 2018 / p. 61-80 <https://doi.org/10.1111/pbaf.12188> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Creative knowledge employees' assesment of flexitime utilisability : [Online resource]

Hazak, Aaro 2018 : 10th International Conference on Knowledge and Smart Technology (KST) : Cybernetics in the Next Decades, 31 Jan.-3 Feb. 2018 : [abstracts] 2018 / p. 90-94 : ill <http://dx.doi.org/10.1109/KST.2018.8426204>

Creative practice research : a model for architecture and urban design

Valk-Siska, Veronika Formation - architectural education in a Nordic perspective 2018 / p. 330–349 <http://www.b-arki.dk/formation.html>

Crisis management for public sector during the European financial crisis: lessons of Estonia in 2008-2011

Markus, Raul; Veebel, Viljar Journal of Eastern Europe research in business and economics 2018 / 563930 ; 9 p
<https://doi.org/10.5171/2018.563930>

Cross-border e-government services in Europe: expected benefits, barriers and drivers of the once-only principle

Kalvet, Tarmo; **Toots, Maarja**; Veenstra, Anne Fleur van; **Krimmer, Robert Johannes** ICEGOV2018 : proceedings of the 11th International Conference on Theory and Practice of Electronic Governance : 4 - 6 April 2018, Galway, Ireland 2018 / p. 59-68
<https://doi.org/10.1145/3209415.3209458> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Cross-layer dependability management in network on chip based system on chip = Kiipvõrkudel põhinevate süsteemide kihtideülene usaldatavuse haldus

Azad, Siavoosh Payandeh 2018 <https://digi.lib.ttu.ee/i/?9948> https://www.ester.ee/record=b5056143*est

Cryptic encrusting fauna inside invertebrate fossils from the Ordovician of Estonia

Vinn, Olev; Ernst, Andrej; **Toom, Ursula**; Isakar, Mare Annales societatis geologorum Poloniae 2018 / p. 285-290 : ill
<https://doi.org/10.14241/asgp.2018.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cu(In,Ga)Se₂ monograin powders with different Ga content for solar cells

Timmo, Kristi; **Kauk-Kuusik, Marit**; **Pilvet, Maris**; **Altosaar, Mare**; **Grossberg, Maarja**; **Danilson, Mati**; **Kaupmees, Reelika**; **Mikli, Valdek**; **Raudoja, Jaan**; **Varema, Tiit** Solar energy 2018 / p. 648–655 : ill <https://doi.org/10.1016/j.solener.2018.10.078> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cultivating new moralities: the construction of alternative moral standards in the Ukrainian healthcare sector – from universities to hospitals

Polese, Abel; Stepurko, Tetiana Third annual Tartu conference on Russian and East European studies "Reflecting on nation-statehood in Eastern Europe, Russia and Eurasia" 10-12 June 2018, University of Tartu, Estonia 2018 / p. 27
https://sisu.ut.ee/sites/default/files/tartuconference/files/konverentsi_programm_loplik.pdf https://www.ester.ee/record=b5182583*est

Cultural Aspects and Human Rights of Minors in the Process of Marriage in the European Union.

Roots, Lehte; **Joamets, Kristi** Studii Europene=European Studies ; 11 2018 / p. 11–34
https://www.academia.edu/33880706/A_Scientific_Assessment_of_Fraudulent_Activities_at_the_Romanian-Ukrainian_Border_Studii_Europene_9_Chisinau_Republica_Moldova_2017

Culture of fear, information warfare and Pax Russica

Mölder, Holger Third annual Tartu conference on Russian and East European studies "Reflecting on nation-statehood in Eastern Europe, Russia and Eurasia" 10-12 June 2018, University of Tartu, Estonia 2018 / p. 23
https://sisu.ut.ee/sites/default/files/tartuconference/files/konverentsi_programm_loplik.pdf https://www.ester.ee/record=b5182583*est

Current account dynamics and exchange rate regimes in Central and Eastern Europe

Harkmann, Kersti; **Staehr, Karsten** 2018 https://www.ester.ee/record=b5181099*est

Current development of lipid management in Baltic countries

Viigimaa, Margus 7th Baltic Atherosclerosis Society Congress : [abstracts] 2018 / p. 8-9 http://www.ester.ee/record=b4819912*est

Cutback management in Estonia during the crisis of 2008-10 and beyond

Savi, Riin; **Randma-Liiv, Tiina**; **Raudla, Ringa** Public management in times of austerity 2018 / p. 129-145
http://www.ester.ee/record=b4690012*est

Cyber commands - universal solution to a universal cyber security problem?

Alatalu, Siim Proceedings of the 4th Interdisciplinary Cyber Research Workshop 2018 : 9th of June 2018 2018 / p. 21-22
https://www.ttu.ee/public/k/kyberkriminalistika_ja_kyberjulgeoleku_keskus/CRW_2018_lingitud.pdf

Cyber hygiene : the big picture

Maennel, Kaie; **Mäses, Sten**; **Maennel, Olaf Manuel** Secure IT Systems : 23rd Nordic Conference, NordSec 2018, Oslo, Norway, November 28–30, 2018 : proceedings 2018 / p. 291-305 : ill https://doi.org/10.1007/978-3-030-03638-6_18 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Cyber operations during the conflict in Ukraine and the role of international law

Valuch, Josef; **Hamulak, Ondrej** The use of force against Ukraine and international law : jus ad bellum, jus in bello, jus post bellum 2018 / p. 215-235 https://doi.org/10.1007/978-94-6265-222-4_10

Cybersecurity in Germany

Schallbruch, Martin; Skierka-Canton, Isabel 2018 <https://doi.org/10.1007/978-3-319-90014-8>

Data augmentation and teacher-student training for LF-MMI based robust speech recognition

Ullah, Asad; Alumäe, Tanel Text, Speech, and Dialogue : 21st International Conference, TSD 2018, Brno, Czech Republic, September 11-14, 2018 : proceedings 2018 / p. 403-410 https://doi.org/10.1007/978-3-030-00794-2_43 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Davvaz, Bijan; Leoreanu-Fotea, Violeta; Feng, Feng. Redox reactions as experimental examples of ternary weak algebraic hyperstructures : [review]

Zentralblatt MATH 2018 / [2] p <https://zbmath.org/?q=1397.20073>

Daylighting and energy performance design for single floor commercial hall buildings

De Luca, Francesco; Simson, Raimo; Voll, Hendrik; Kurnitski, Jarek Management of environmental quality : an international journal 2018 / p. 722-739 : ill <https://doi.org/10.1108/MEQ-10-2017-0110> [Journal metrics at Scopus](#) [Article at Scopus](#)

Daytime sleepiness : impacts of work organisation [Online resource]

Sõõru, Erve; Hazak, Aaro; Partinen, M.; **Virkebau, Marko** Journal of sleep research 2018 / P256 ; p. 208 <https://onlinelibrary.wiley.com/doi/epdf/10.1111/jsr.12751>

De Gaulle and the British membership in the European Communities

Ramiro Troitino, David; Kerikmäe, Tanel; Chochia, Archil Brexit : history, reasoning and perspectives 2018 / p. 83-97 https://doi.org/10.1007/978-3-319-73414-9_5

De Gaulle y Europa. Nacionalismo frente a integración en la construcción europea

Ramiro Troitino, David; Polese, Abel; Braghiroli, Stefano Revista de Occidente 2018 / p. 40-55 <https://ortegaygasset.edu/producto/abr-18/>

De l'imagination nécessaire pour encercler un concept

Moktefi, Amirouche 37ème Congrès de l'Association des Sociétés de Philosophie de Langue Française (Rio de Janeiro, 26-31 March 2018). Livre de Résumés 2018 / p. [23-25] https://www.academia.edu/36366734/ASPLF_2018_LIMAGINATION_Rio_de_Janeiro

A Decade of international conference on theory and practice of electronic governance

Carvalho, Nuno Ramos; **Meyerhoff Nielsen, Morten;** Kholilul Rohman, Ibrahim ICEGOV2018 : proceedings of the 11th International Conference on Theory and Practice of Electronic Governance : 4 - 6 April 2018, Galway, Ireland 2018 / p. 230-235 : ill <https://doi.org/10.1145/3209415.3209484>

Decomposition of the EBI signal into components using two channel cross-compensating singular spectrum analysis

Krivošei, Andrei; Min, Mart; Annus, Paul; Butsenko, Maksim 2018 IEEE International Symposium on Medical Measurements and Applications (MeMeA 2018) : proceedings : Rome, Italy, June 11-13, 2018 2018 / 5 p. : ill

Deep energy renovation of old concrete apartment building to nZEB by using wooden modular element

Kalamees, Targo; Pihelo, Peep; Kuusk, Kalle II Miedzynarodowa Konferencja : Forum Holzbau Polska 2018 2018 / 10 p. : ill <http://forum-holzbau.pl/category/filmy-i-zdjecia/> <https://www.etis.ee/File/DownloadPublic/b9656a11-ef9e-4b34-9033-83254134f617?name=Deep%20energy%20renovation%20of%20old%20concrete%20apartment%20building%20to%20nZEB%20by%20using%20wooden%20modular%20elements.pdf&type=application%2Fpdf>

Defining metacompetencies for entrepreneurship education = Metapädevuste määratlemine ettevõtlusõppes

Ustav, Sirje 2018 <https://digi.lib.ttu.ee/i/?11201> https://www.ester.ee/record=b5179784*est

Defining the light-technical parameters and applying the recommended measuring methods for creating the smart crossings

Varjas, Toivo; Möller, Taavi; Rosin, Argo 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 111-113 : ill http://ise.elnet.ee/record=b2950028~S2*est

Degradation of pharmaceutical and personal care products using sewage sludge composting

Haiba, Egge; Nei, Lembit LINNAEUS ECO-TECH 2018 : International conference on natural sciences and technologies for waste and wastewater treatment remediation emissions related to climate environmental and economic effects : The Eleventh International Conference on the Establishment of Cooperation between Companies and Institutions in the Nordic Countries, the Baltic Sea Region, and the World : book of abstracts 2018 / p. 125 <https://open.lnu.se/index.php/eco-tech/issue/view/59/Full%20Issue>

Delivery robots for smart rural development

Prause, Gunnar Klaus; Boevsky, Ivan Икономика и управление на селското стопанство = Agricultural economics and management 2018 / p. 57-65 : ill https://journal.jaem.info/page/en/details.php?article_id=446&tab=en

Deoxynucleoside 5-monophosphate N-glycosidase from a phylogenetically distant metazoa, sponge

Aas-Valleriani, Nele; Reintamm, Tõnu; Kelve, Merike Biochimie 2018 / p. 113-118 : ill <https://doi.org/10.1016/j.biochi.2017.12.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dependability improvements of NoC-based systems = Töökindluse parandamine kiipvõrkudel põhinevates süsteemides
Niazmand, Behrad 2018 <https://digi.lib.ttu.ee/i/?9879> https://www.ester.ee/record=b4907650*est

Dependence of the EEG nonlinear coupling on the frequency bands and the segment lengths

Orgo, Laura; Bachmann, Maie; Kalev, Kaia; Järveld, Mari; Raik, Jaan; Hinrikus, Hiie EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 799-802 https://doi.org/10.1007/978-981-10-5122-7_200 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Dependence of the interaction mechanisms between L-serine and O-phospho-L-serine with calcium hydroxyapatite and copper modified hydroxyapatite in relation with the acidity of aqueous medium

Tõnsuaadu, Kaia; Gruselle, Michel; Kriisa, Frieda; Triikkel, Andres Journal of biological inorganic chemistry 2018 / p. 929-937 : ill <https://doi.org/10.1007/s00775-018-1594-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Der Einfluss der Justinianischen Institutiones auf die Regelung der Leibeigenschaft im Landrechtentwurf David Hilchens (1599)

Siimets-Gross, Hesi; Hoffmann, Thomas Forschungen zur baltischen Geschichte 2018 / s. 9-23 https://www.ester.ee/record=b2156217*est

A descriptive analysis of the linkage between the vertical stratification and current oscillations in the Gulf of Finland

Suhhova, Irina; Liblik, Taavi; Lilover, Madis-Jaak; Lips, Urmas Boreal environment research 2018 / p. 83-103 : ill https://www.ester.ee/record=b1199571*est <https://www.borenv.net/BER/archive/ber231-6.htm> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A descriptive analysis of the linkage between the vertical stratification and current oscillations in the Gulf of Finland [Online resource]

Suhhova, Irina; Liblik, Taavi; Lilover, Madis-Jaak; Lips, Urmas 2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings 2018 / p. 168-169 : ill https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf

Descriptive geometry. General course : exercises

2018 https://www.ester.ee/record=b5203367*est

Design and applications of miniaturized, portable LED based colorimeter

Drevinskas, Tomas; Maruška, Audrius; Gladkauskas, Eimantas; Telksnys, Laimutis; Girdauskas, Valdas; Gorbatšova, Jelena; Kaljurand, Mihkel; Ragažinskienė, Ona Chemija 2018 / p. 209 - 218 <https://doi.org/10.6001/chemija.v29i4.3836> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Design and manufacturing of composite laminates with structural health monitoring capabilities

Herranen, Henrik; Majak, Jüri; Tšukrejev, Pavel; Karjust, Kristo; Märten, Olev Procedia CIRP 2018 / p. 647-652 : ill <https://doi.org/10.1016/j.procir.2018.03.128> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Design and optimization of AlN based RF MEMS switches

Ziko, Mehadi Hasan; Koel, Ants IOP conference series : materials science and engineering 2018 / 012002 ; 9 p.: ill <https://doi.org/10.1088/1757-899X/362/1/012002> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Design and prototyping of directly driven outer rotor permanent magnet generator for small scale wind turbines [Online resource]

Vaimann, Toomas; Kudrjavitsev, Oleg; Kilik, Aleksander; Kallaste, Ants; Rassõlkin, Anton Advances in electrical and electronic engineering 2018 / p. 271-278 : ill <https://doi.org/10.15598/aeet.v16i3.2698> [Journal metrics at Scopus](#) [Article at Scopus](#)

Design and simulation verification of low power wireless charging battery system for electric bicycle

Shevchenko, Viktor; Husev, Oleksandr; Pakhaliuk, Bohdan; Kondratenko, Igor 2018 IEEE 3rd International Conference on Intelligent Energy and Power Systems (IEPS) 2018 / p. 22-27 <https://doi.org/10.1109/IEPS.2018.8559531>

Design criteria for insulation materials applied in timber frame assemblies

Tiso, Mattia; Just, Alar Journal of Structural Fire Engineering 2018 / p. 252 - 263 <https://doi.org/10.1108/JSFE-01-2017-0015> [Journal metrics at Scopus](#) [Article at Scopus](#)

Design management as a driver for innovation in small and medium sized enterprises = Disainijuhtimine kui innovatsiooni liikumapanev jõud väike- ja keskmise suurusega ettevõtetes

Gerlitz, Laima 2018 <https://digi.lib.ttu.ee/i/?9941> https://www.ester.ee/record=b5052729*est

Design model for the load-bearing capacity : effective cross-section method

Klippel, Michael; Just, Alar Guidance on Fire design of CLT including best practise, COST Action FP1404 : version 2018 2018 / p.

Design of a generalized fractional-order PID controller using operational amplifiers

Gonzalez, Emmanuel A.; Alimisis, Vassilis; Psychalinos, Costas; **Tepljakov, Aleksei** 2018 25th IEEE International Conference on Electronics Circuits and Systems (ICECS), Bordeaux, France, December 9–12, 2018 2018 / p. 253-256 : ill <http://dx.doi.org/10.1109/ICECS.2018.8617954>

Design of a wearable mechatronic brace

Vu, Trieu Minh; Tamre, Mart; Safonov, Aleksei; Kovalenko, Pavel; Monahov, Juri 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 9-13 : ill http://ise.elnet.ee/record=b2949854~S2*est

Design of indoor climate and energy efficiency of the medieval Episcopal Castle of Haapsalu museum

Tark, Teet; Kalamees, Targo; Rodin, Artem; **Arumägi, Endrik;** Napp, Margus Conference Report : The 3rd International Conference on Energy Efficiency in Historic Buildings 2018 / p. 318-236 : ill <http://eehb2018.com/wp-content/uploads/2018/09/Conference-Report-The-3rd-International-Conference-on-Energy-Efficiency-in-Historic-Buildings.pdf>

Design of multiphase single-switch impedance-source converters

Chub, Andrii; Vinnikov, Dmitri; Liivik, Liisa; Jalakas, Tanel; Blinov, Andrei IECON 2018 - 44th Annual Conference of the IEEE Industrial Electronics Society : proceedings 2018 / p. 3718-3724 : ill <https://doi.org/10.1109/IECON.2018.8591361>

Design of regenerative anti-lock braking system controller for 4 in-wheel-motor drive electric vehicle with road surface estimation

Aksjonov, Andrei; **Vodovozov, Valery;** Augsburg, Klaus; **Petlenkov, Eduard** International journal of automotive technology 2018 / p. 727-742 : ill <https://doi.org/10.1007/s12239-018-0070-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Design of two stage high efficiency power amplifier in 0.13um technology for 2.4 GHz ISM band applications

Patankar, Udayan Sunil; Koel, Ants; Rang, Toomas Journal of Advanced Research in Dynamical and Control Systems 2018 / p. 822–829 <http://www.jardcs.org/backissues/abstract.php?archiveid=3585>

Design protection in managing sustainable user-driven innovation in SMEs

Prause, Gunnar Klaus; Gerlitz, Laima; **Hoffmann, Thomas** Journal of Japanese management 2018 / p. 30–47 http://www.jfmra.org/doc/jjm_vol03_no1.pdf

Design understanding : from logic to specification

Fey, Goerschwin; **Ghasempouri, Tara;** Jacobs, Swen; **Raik, Jaan** Proceedings of the 2018 IFIP/IEEE International Conference on Very Large Scale Integration (VLSI-SoC) : October 8-10, 2018, Verona, Italy 2018 / p. 172–175 : ill <https://doi.org/10.1109/VLSI-SoC.2018.8644732>

Designing a scalable socio-technical method for evaluating large e-Governance systems

Saay, Mohammad Salim; Norta, Alexander Advanced computational and communication paradigms : proceedings of International Conference on ICACCP 2017, Volume 1 2018 / p. 571-580 https://doi.org/10.1007/978-981-10-8240-5_64 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Designing Compact Convolutional Neural Network for Embedded Stereo Vision Systems

Loni, Mohammad; Majd, Amin; Loni, Abdolah; **Daneshtalab, Masoud;** Sjödin, Mikael; Troubitsyna, Elena 2018 IEEE 12th International Symposium on Embedded Multicore/Many-core Systems-on-Chip : MCSoc 2018 : proceedings 2018 / p. 244–251 : ill <https://doi.org/10.1109/MCSoc2018.2018.00049>

Designing mineralisable building blocks for greener solvents

Raba, Grete; Kapitanov, Illia; Karpichev, Yevgen; Vilu, Raivo; Gathergood, Nicholas 8th IUPAC International Conference of Green Chemistry : Shangri-La Hotel, Bangkok, Thailand, 9-14 Sept 2018 : poster presentation abstracts 2018 / p. 87 http://www.greeniupac2018.com/download/8th%20IUPAC%20ICGC%202018_Program%20&%20Abstract%20Book_Poster%20Abstract.pdf

Designing reliable cyber-physical systems

Aleksandrowicz, Gadi; Arbel, Eli; Bloem, Roderick; **Devadze, Sergei; Jenihhin, Maksim; Jutman, Artur; Raik, Jaan; Shibin, Konstantin** Languages, design methods, and tools for electronic system design : selected contributions from FDL 2016 2018 / p. 15-38 : ill https://doi.org/10.1007/978-3-319-62920-9_2 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Design-time web usability evaluation with guideliner

Makarencov, Jevgeni; Robal, Tarmo; Kalja, Ahto Complex Systems Informatics and Modeling Quarterly (CSIMQ) 2018 / art. 90, p. 90–109 : ill <https://doi.org/10.7250/csimq.2018-15.05>

Detailed analysis of the Luria's alternating series tests for Parkinson's disease diagnostics

Nõmm, Sven; Bardoš, Konstantin; Toomela, Aaro; Medijainen, Kadri; Taba, Pille 17th IEEE International Conference on Machine Learning and Applications : ICMLA 2018, 17–20 December 2018, Orlando, Florida, USA : proceedings 2018 / p. 1347–1352

Determinants of bryophyte species composition and diversity on the Great Alvar of Öland, Sweden

Tyler, Torbjörn; Bengtsson, Fia; Dahlberg, Carl Johan; Lönnell, Niklas; Hallingbäck, Tomas; **Reitalu, Triin** Journal of bryology 2018 / p. 12-30 : ill <https://doi.org/10.1080/03736687.2017.1412387> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determination of heating value of Estonian oil shale by laser-induced breakdown spectroscopy

Aints, Mart; Paris, Peeter; Laan, Matti; Piip, Kaarel; **Riisalu, Hella**; **Tufail, Iram** Journal of spectroscopy 2018 / 10 p. : ill <https://doi.org/10.1155/2018/4605925> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determination of natural convection heat transfer coefficient over the fin side of a coil system

Shams Ghahfarokhi, Payam; **Belahcen, Anouar**; **Kallaste, Ants**; **Vaimann, Toomas**; **Rassõlkin, Anton** International journal of heat and mass transfer 2018 / p. 677-682 : ill <https://doi.org/10.1016/j.ijheatmasstransfer.2018.05.071> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determination of the calorific value and moisture content of crushed oil shale by LIBS

Aints, Märt; Paris, Peeter; **Tufail, Iram**; Jõgi, Indrek; Aosaar, Hardi; **Riisalu, Hella**; **Laan, Matti** Oil shale 2018 / p. 339-355 : ill <https://doi.org/10.3176/oil.2018.4.04> http://www.kirj.ee/public/oilshale_pdf/2018/issue_4/OS-2018-4-339-355.pdf https://artiklid.elnet.ee/record=b2868183*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determination of the total sulphur content of oil shale by using different analytical methods

Maaten, Birgit; **Pikkor, Heliis**; **Konist, Alar**; **Siirde, Andres** Oil shale 2018 / p. 144-153 : ill <https://doi.org/10.3176/oil.2018.2.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determining reference conditions of hemiboreal lakes in Latvia, NE Europe: a palaeolimnological approach

Stivrīns, Normunds; Grudzinska, Ieva; **Elmi, Kati**; **Heinsalu, Atko**; **Veski, Siim** Annales de limnologie - International journal of limnology 2018 / art. 22, 12 p <https://doi.org/10.1051/limn/2018014> http://www.est.ee/record=b2246661*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determining the embedding parameters governing long-term dynamics of copper prices

Cortez, Carlos A. Tapia; **Hitch, Michael William**; Sammut, Claude Chaos, solitons and fractals 2018 / p. 186-197 : ill <http://dx.doi.org/10.1016/j.chaos.2018.03.032>

Developing a novel method for using thermal analysis to determine average boiling points of narrow boiling range continuous mixtures = Uudse termilise analüüsi meetodi arendamine kitsaste keemispriiridega pidevate segude keskmiste keemispunktide leidmiseks

Rannaveski, Rivo 2018 <https://digi.lib.ttu.ee/i/?10985> https://www.est.ee/record=b5161022*est

Development and experimental assessment of a flexible robot fin

Gkliva, Roza; Sfakiotakis, Michael; **Kruusmaa, Maarja** 2018 IEEE International Conference on Soft Robotics (RoboSoft) : proceedings 2018 / p. 208-213 : ill <https://doi.org/10.1109/ROBOSOFT.2018.8404921>

Development and implementation of enterprise information management systems for interoperability = Ettevõtte infohaldussüsteemide arendamine ja juurutamine koostalitlusvõime jaoks

Lemmik, Rivo 2018 <https://digi.lib.ttu.ee/i/?10624> https://www.est.ee/record=b5151053*est

Development and implementation of the key performance indicator selection model for SMEs = Väikese ja keskmise suurusega ettevõtete võtmenäitajate valimimudeli arendus ja juurutus

Kaganski, Sergei 2018 <https://digi.lib.ttu.ee/i/?9945> https://www.est.ee/record=b5054656*est

Development and testing of a compact voice command recognition algorithm for limited complexity microcontroller devices

Udal, Andres; **Riid, Andri**; **Jaanus, Martin**; **Pärnamets, Kaiser**; Lokuta, Madis 2018 22nd International Conference Electronics : Palanga, Lithuania, 18-20 June 2018 2018 / p. 1-4 : ill <http://doi.org/10.1109/ELECTRONICS.2018.8443645>

Development case study of the first Estonian self-driving car, ISEAUTO

Rassõlkin, Anton; **Sell, Raivo**; **Leier, Mairo** Scientific Journal of Riga Technical University. Electrical, control and communication engineering 2018 / p. 81-88 : ill <https://doi.org/10.2478/ecce-2018-0009>

Development of a 5 mm geoid model – a case study for Estonia

Ellmann, Artu; Oja, Tõnis International Symposium Gravity, Geoid and Height Systems 2 : GGHS2018 : "Gravity Field Of The Earth" : The 2nd joint meeting of the International Gravity Field Service and Commission 2 of the International Association of Geodesy, Copenhagen, Denmark, Sept. 17-21, 2018 : abstract book 2018 / p. 51 <https://www.space.dtu.dk/english/gghs2018/programme>

Development of a reciprocal health care model for determination of safety level in the nursing homes in Estonia

Development of a wireless communication network for monitoring and controlling of autonomous robots

Vu, Trieu Minh; Tamre, Mart; Musalimov, Victor; Kovalenko, Pavel; Monahov, Juri International journal of robotics and automation 2018 / 16 p <https://doi.org/10.2316/Journal.206.2018.3.206-4759> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of analysis methods to detect the use of explosives and chemical warfare agents = Analüüsimetoodikate arendamine keemiarelv- ja lõhkeainete kasutamise tuvastamiseks

Lees, Heidi 2018 <https://digi.lib.ttu.ee/i/?10379> https://www.ester.ee/record=b5148514*est

Development of aspen bleached chemithermomechanical pulp towards nanostructure = Haava pleegitatud keemilis-termilise puitmassi töötlemine nanostruktuuride saamiseks

Kärner, Kärt 2018 <https://digi.lib.ttu.ee/i/?9947> https://www.ester.ee/record=b5054961*est

Development of autonomous food dehydration system based on building integrated photovoltaic thermal technology

Yakobiuk, Dmytro; Jagomägi, Andri; Yakobiuk, Iryna Journal of Renewable and Sustainable Energy 2018 / art. 021002
<https://doi.org/10.1063/1.5000230> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of bioimpedance sensing device for wearable monitoring of the aortic blood pressure curve = Entwicklung eines Bioimpedanz-Messgerätes für die mobile Erfassung des aortalen Blutdruck

Kõiv, Hip; Rist, Marek; Min, Mart Technisches Messen 2018 / p. 366–377 : ill <https://doi.org/10.1515/teme-2017-0113> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of cemented carbides with high chromium iron alloy binder = Kõrge kroomisisaldusega rauasulamsideainega kõvasulamite arendus

Tarraste, Marek 2018 <https://digi.lib.ttu.ee/i/?9959> https://www.ester.ee/record=b5138025*est

Development of children's cyber security competencies in Estonia

Lorenz, Birgy; Kikkas, Kaido; Osula, Kairi Learning and Collaboration Technologies : Learning and Teaching : 5th International Conference : LCT 2018, Held as Part of HCI International 2018, Las Vegas, NV, USA, July 15-20, 2018 : Proceedings, Part II 2018 / p. 473–482 https://doi.org/10.1007/978-3-319-91152-6_36 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Development of coarse recycled hardmetal reinforced hardfacings = Taaskasutatava jämekõvasulamarmatuuriga kõvapinnete arendus

Simson, Taavi 2018 <https://digi.lib.ttu.ee/i/?9946> https://www.ester.ee/record=b5054964*est

Development of diagnostic algorithm for von Willebrand disease within WFH the Twinning Tallinn-Helsinki program

Pikta, Marika; Banyas, Valdas; Vaide, Ines; Varik, Mirja 2018 https://www.postersessiononline.eu/173580348_eu/congresos/WFH2018/aula/-M-P_139_WFH2018.pdf

Development of dual clutch transmission model for hybrid vehicle

Abouelkheir, Moustafa International Journal of Innovative Technology and Interdisciplinary Sciences : IJTIS 2018 / p. 26-33 : ill
<https://doi.org/10.1515/IJTIS.2018.1.1.26-33>

Development of experimental load management system for nearly zero-energy building

Maask, Vahur; Rosin, Argo; Roasto, Indrek 59th Annual International Scientific Conference on Power and Electrical Engineering : November 12, 13, 2018, Riga Technical University (RTUCON) : conference proceedings 2018 / 5 p. : ill
<https://doi.org/10.1109/RTUCON.2018.8659826>

Development of fire design models for timber frame assemblies. State of the art AD2018

Just, Alar Timber : bonds, connections and structures : commemorative publication honoring Simon Aicher on the occasion of his 65th birthday 2018 / p. 317–330

Development of MIP sensors for antibiotics

Ayankojo, Akinrinade George; Reut, Jekaterina; Öpik, Andres; Sõritski, Vitali The 10th International Conference on Molecular Imprinting, Jerusalem, Israel, June 24-28, 2018 : [abstracts] 2018 / 1 p. : ill <http://events.eventact.com/ProgramView2/Agenda/Lecture?id=175779&code=3608113>

Diagrammatic reasoning : the end of scepticism? [Online resource]

Moktefi, Amirouche Communication – Culture – Consciousness : 8th Budapest Visual Learning Conference : abstracts 2018 / p. 48-49 http://www.vll.bme.hu/wp-content/uploads/2018/04/VLC8_abstracts_booklet.pdf

Diagrammatic Representation and Inference : 10th International Conference, Diagrams 2018, Edinburgh, UK, June 18-22,

2018 : proceedings

2018 <https://doi.org/10.1007/978-3-319-91376-6>

Diatom and microarthropod communities of three airfields in Estonia – their differences and similarities and possible linkages to airfield properties [Online resource]

Vacht, Piret; **Kuu, Annely**; Puusepp, Liisa; Koff, Tiit; **Kutti, Sander**; Raamets, Jane; Küttim, Liisa European journal of ecology 2018 / P. 1-14 : ill <https://doi.org/10.2478/eje-2018-0008> [Journal metrics at Scopus](#) [Article at Scopus](#)

Did Lewis Carroll own a copy of George Boole's Laws of thought? An argument from the sale catalogues

Moktefi, Amirouche BSHM bulletin : journal of the British Society for the History of Mathematics 2018 / p. 21-28 : ill <https://doi.org/10.1080/17498430.2017.1384200>

Differences in organizational culture among estonian municipalities with different ethnic compositions

Kiisla, Aet NISPAcee journal of public administration and policy 2018 / p. 27-51 : ill <https://doi.org/10.2478/nispa-2018-0012> https://www.researchgate.net/publication/329447492_Differences_in_Organizational_Culture_among_Estonian_Municipalities_with_Different_Ethnic_Compositions [Journal metrics at Scopus](#) [Article at Scopus](#)

Differences in the substrate binding between highly identical catalase-related fatty acid hydroperoxide-metabolizing enzymes [Online resource]

Teder, Tarvi; **Lõhela, Helike**; **Samel, Nigulas** XVth International Conference of the Lithuanian Biochemical Society : the programme and abstract book : Dubingiai, June 26-29, 2018 2018 / p. 67-68 <https://www.docdroid.net/tVouRrC/abstract-book.pdf>

Different faces of fiscal bureaucracy

Raudla, Ringa; Mjøset, Lars; **Kattel, Rainer**; **Cepilovs, Aleksandrs**; **Mikheeva, Olga**; Tranøy, Bent Sofus Halduskultuur: The Estonian journal of administrative culture and digital governance 2018 / p. 5-36 <https://doi.org/10.32994/ac.v19i1.177> https://www.ester.ee/record=b2157203*est [Journal metrics at Scopus](#) [Article at Scopus](#)

Differential pressure sensors for underwater speedometry in variable velocity and acceleration conditions

Fuentes-Perez, Juan Francisco; **Meurer, Christian**; **Tuhtan, Jeffrey Andrew**; **Kruusmaa, Maarja** IEEE Journal of Oceanic Engineering 2018 / p. 418-426 : ill <https://doi.org/10.1109/JOE.2017.2767786> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Digirevolutsiooni humanistist toetaja Põhjalast

Stubb, Alexander Mente et Manu 2018 / lk. 34-37 : fot http://www.ester.ee/record=b1242496*est <http://dea.digar.ee/publication/AKmenteetmanu> <https://taltech.ee/avalehekulg/?id=10641&category=128006#newsTabsMenu> https://artiklid.elnet.ee/record=b2866972*est

Digitaalne sensorplatvorm meditsiiniliseks diagnostikaks ja keskkonnaseireks

Mente et Manu 2018 / lk. 34 : ill http://www.ester.ee/record=b1242496*est <http://dea.digar.ee/publication/AKmenteetmanu> https://www.ttu.ee/public/m/mente-et-manu/MM_05_2018/mobile/index.html https://artiklid.elnet.ee/record=b2868932*est

Digitaalne transformatsioon Saksamaal ja Eestis - ühine õppimiskogemus kahe ülikooli vahel

Mente et Manu 2018 / lk. 9 : fot https://ttu.ee/public/m/mente-et-manu/MM_02_2018/mobile/index.html#p=6 http://www.ester.ee/record=b1242496*est <http://dea.digar.ee/publication/AKmenteetmanu>

Digital control strategy for interleaved quasi-Z-source inverter with with active power decoupling

Stepenko, Serhii; **Husev, Oleksandr**; **Pires Pimentel, Sergio**; **Vinnikov, Dmitri**; **Roncero-Clemente, Carlos**; **Makovenko, Elena** IECON 2018 - 44th Annual Conference of the IEEE Industrial Electronics Society : proceedings 2018 / p. 3725-3730 : ill

Digital single market as an element in EU-Georgian cooperation

Chochia, Archil; **Kerikmäe, Tanel** Baltic journal of European studies 2018 / p. 3-6 <https://content.sciendo.com/view/journals/bjes/8/2/article-p3.xml> <https://doi.org/10.1515/bjes-2018-0012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Digitalisation and automatisisation as challenges for changing European Union

Kerikmäe, Tanel; **Pärn-Lee, Evelin** The European Union - What is Next? A Legal Analysis and Political Visions on the Future of the Union 2018 / p. 296-313 <https://obchod.wolterskluwer.cz/cz/the-european-union-what-is-next-a-legal-analysis-and-the-political-visions-on-the-future-of-the-union-p4794.html>

Digitalisierung und E-Health in Europa

Krimmer, Robert Johannes; **Fischer, Dirk-Hinnerk**; Schmidt, Carsten Die Ersatzkasse 2018 / s. 36-37 <https://www.vdek.com/magazin/ausgaben/2018-0506/titel-europa.html>

Digitalization of education as a new destination of e-learning

Makarova, Irina; Shubenkova, Ksenia; Bagateeva, Angelina; **Pashkevich, Anton** Proceedings of ELMAR-2018 : 60th International Symposium ELMAR-2018 : 16-19 September 2018, Zadar, Croatia 2018 / p. 31-34 : ill <http://doi.org/10.23919/ELMAR.2018.8534662>

Dimensionality reduction for machine learning based IoT botnet detection

Bahsi, Hayrettdin; Nõmm, Sven 15th International Conference on Control, Automation, Robotics and Vision (ICARCV 2018) : Singapore, November 18-21, 2018 2018 / p. 1857-1862 : ill <https://doi.org/10.1109/ICARCV.2018.8581205>

Dimitri Kaljo. Teadustöö ja publikatsioonid = Dimitri Kaljo. Research and publications

2018 https://www.ester.ee/record=b5166169*est <https://digikogu.taltech.ee/et/Item/bedb08ab-decf-4ed4-a0ed-7556dfd6b782>

Dioxins and furans in surface sediment of NW Estonian coastal sea [Online resource]

Erm, Ants; Buschmann, Fred; Voll, Martin Baltic Earth Workshop on multiple drivers for Earth system changes in the Baltic Sea region : Tallinn University of Technology, Tallinn, Estonia 26-27 November 2018 : [programme, abstracts, participants] 2018 / p. 31-32 https://www.baltic-earth.eu/publications/IBESPublications/No_14_Workshop_Multiple_Drivers_Tallinn_Nov2018/No.14_Tallinn2018.pdf

Diplom on käes!

Lillepruun, Jaan Meremees. Veeteede Ameti teataja 2018 / lk. 12-13 : fot http://www.ester.ee/record=b4646644*est https://xn--tt-yka.ee/public/m/mereakadeemia/ajakiri-meremees/Meremees_2018_3-4_VA_Teataja_2018_3-4.pdf

Diplomaatia ja välispoliitika digiajastul : murekohad ja võimalused

Drechsler, Wolfgang Sirp : Diplomaatia 2018 / lk. 13 : portr http://www.ester.ee/record=b1072938*est <https://diplomaatia.ee/diplomaatia-ja-valispoliitika-digitaalajastul-murekohad-ja-voimalused/>

Diplomi hind on eksamikomisjoni kannatus

Reinsalu, Enno Mente et Manu 2018 / lk. 41 : fot http://www.ester.ee/record=b1242496*est <http://dea.digar.ee/publication/AKmenteetmanu> https://artiklid.elnet.ee/record=b2865236*est

Disaini ja ettevõtluse koostöö

Mändmaa, Kristjan; Vainre, Mart Diivan 2018 / lk. 35-38 : fot http://www.ester.ee/record=b1923536*est

Disainiaastaga on astunud pikk samm disaini vajalikkuse teadvustamise suunas : vestlusringis osalesid Martin Pärn, Ivar Sakk, Kristjan Mändmaa jt.

Pärn, Martin; Sakk, Ivar; Mändmaa, Kristjan Tööstuskunstist tootedisainini : artikleid 1934–2018 2018 / lk. 138-147 : ill http://www.ester.ee/record=b4819730*est

Disainihariduse revolutsionäär Martin Pärn

Läkk, Ene Tööstuskunstist tootedisainini : artikleid 1934–2018 2018 / lk. 244-248 : portr http://www.ester.ee/record=b4819730*est

Disainipärlid

Pärn, Martin Tööstuskunstist tootedisainini : artikleid 1934–2018 2018 / lk. 320-324 : ill http://www.ester.ee/record=b4819730*est

Discovering and developing conceptual understanding of teaching and learning in entrepreneurship lecturers

Toding, Martin; Venesaar, Urve Education and Training 2018 / p. 696–718 : ill <https://doi.org/10.1108/ET-07-2017-0101> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Disparities in knowledge employees' actual, contractual, and desired working schedules : [Online resource]

Ruubel, Raul; Hazak, Aaro Knowledge management : an international journal 2018 / p. 17-28 : ill <https://doi.org/10.18848/2327-7998/CGP/v18i01/17-30> [Journal metrics at Scopus](#) [Article at Scopus](#)

Disregarding history and context : innovation policy in Latvia post 1990 [Online resource]

Muižniece, Lauma; Cepilovs, Aleksandrs New Challenges of Economic and Business Development : Productivity and Economic Growth : International Scientific Conference : abstracts of reports : May 10-12, 2018, Riga, University of Latvia 2018 / p. 474-487 : ill https://www.bvef.lv/fileadmin/user_upload/lu_portal/projekti/bvef/konferences/evf_conf2018/Proceedings_2018.pdf

Dissolved organic matter, nutrients, and bacteria in Antarctic soil core from Schirmacher Oasis

Lepane, Viia; Künnis-Beres, Kai; Kaup, Enn; Sharma, Bhupesh Journal of soils and sediments 2018 / p. 2715-2726 : ill <https://doi.org/10.1007/s11368-018-1913-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Distributed adaptive largest eigenvalue detection with SNR weighted observations [Online resource]

Ainomäe, Ahti; Trump, Tõnu; Le Moullec, Yannick BEC 2018 : 2018 16th Biennial Baltic Electronics Conference (BEC) : proceedings of the 16th Biennial Baltic Electronics Conference, October 8-10, 2018 2018 / 4 p. : ill <https://doi.org/10.1109/BEC.2018.8600974>

A Distributed DoS detection scheme for NoC-based MPSoCs

Chaves Arroyave, Cesar Giovanni; Azad, Siavoosh Payandeh; Hollstein, Thomas; Sepulveda, Johanna 2018 IEEE Nordic Circuits and Systems Conference (NORCAS) : NORCHIP and International Symposium of System-on-Chip (SoC) : 30-31 October 2018, Tallinn, Estonia : proceedings in IEEE Xplore 2018 / 6 p. : ill <https://doi.org/10.1109/NORCHIP.2018.8573524>

Distributed largest eigenvalue-based spectrum sensing using diffusion LMS

Ainomäe, Ahti; Bengtsson, Mats; **Trump, Tõnu** IEEE transactions on signal and information processing over networks 2018 / p.

362-377 : ill <https://doi.org/10.1109/TSPN.2017.2705483> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Distributed signal processing in cognitive radio networks = Hajutatud signaalitöötlus kognitiivse raadio võrgus
Ainomäe, Ahti 2018 <https://digi.lib.ttu.ee/i/?9956> https://www.ester.ee/record=b5138040*est

Disturbance decoupling in nonlinear hybrid systems

Kaldmäe, Arvo; Kotta, Ülle; Shumsky, Alexey; Zhirabok, Alexey Nonlinear analysis : hybrid systems 2018 / p. 42-53
<https://doi.org/10.1016/j.nahs.2017.11.001> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The dizzying whimsy of Russia's election laws [Online resource]

Krivosova, Iuliia Intersection: Russia/Europe/World 2018 / 3 p <http://intersectionproject.eu/article/politics/dizzying-whimsy-russias-election-laws>

Diversity and biostratigraphic utility of Ordovician brachiopods in the East Baltic

Hints, Linda; Harper, David A. T.; Paškevičius, Juozas Estonian journal of earth sciences 2018 / p. 176-191 : ill
http://www.kirj.ee/public/Estonian_Journal_of_Earth_Sciences/2018/issue_3/earth-2018-3-176-191.pdf http://www.ester.ee/record=b2246661*est
<https://doi.org/10.3176/earth.2018.14> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Does internationalisation increase exchange rate exposure? -Evidence from Chinese financial firms

Cuestas, Juan Carlos; Huang, Ying Sophie; Tang, Bo International Review of Financial Analysis 2018 / p. 253 - 263
<https://doi.org/10.1016/j.irfa.2018.01.013> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Does knowledge retrieval improves work efficiency? An investigation under multiple systems use

Sutanto, Juliana; Liu, Yi; Grigore, Mihai; Lemmik, Rivo International Journal of Information Management 2018 / p. 42 - 53
<https://doi.org/10.1016/j.ijinfomgt.2018.01.009> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Does the company size affect performance management system? PMSs in small, medium-sized, and large companies

Laitinen, Erkki K.; Kadak, Tarmo International journal of management and enterprise development IJMED 2018 / p. 281-305 : ill
<https://doi.org/10.1504/ijmed.2018.10014496> Journal metrics at Scopus Article at Scopus

Doktorikraadi kaitsmisi : [ka TTÜ-s]

Põlevad ja mittepõlevad energiaallikad = Combustible and non-combustible energy resources 2017/2018 2018
http://ise.elnet.ee/record=b2923670~S2*est

Doktoritööd : 4. september - 14. detsember : [doktorikraadi kaitsesid A. Jasnetski, M. Vilms, K. Tuttelberg, P. Siimann, S. Käosaar, P. Ruberg, R. Lemmik, J. Pärn, R. Rannaveski, S. Ferraro, J. Jarvis, E. Lember, S. Kalle, K. Sarna, M. Liiv, I. Suhhova, A. Kaleda, J. Baroninš, F.J. Casesnoves Granado]

Mente et Manu 2018 / lk. 70-71 http://www.ester.ee/record=b1242496*est <http://dea.digar.ee/publication/AKmenteetmanu>
https://www.ttu.ee/public/m/mente-et-manu/MM_05_2018/mobile/index.html

Doktoritööd : 13. juuni - 30. august : [doktorikraadi kaitsesid P. Eek, K. Kärner, S.P. Azad, A.G. Ayankojo, A. Ainomäe, M. Metshein, K. Juganson, A. Gupta, F. Ahmed, K. Liivamägi, R. Meslas, M. Kolnes, M. Tarraste, A. Klepinin, E. Kattel, I. Gromõko, K. Kallaste, V. Mašatin, C. Siitsman, M. Tiso, L. Loo, A. Noormägi, H. Lees, E.o. Olaniyi, M. Kirs, S. Kumar, V. Vansovitš, O. Tilk]

Mente et Manu 2018 / lk. 65-67 http://www.ester.ee/record=b1242496*est <http://dea.digar.ee/publication/AKmenteetmanu>

Doktoritööd : aprill - juuni 2018 : [doktorikraadi kaitsesid R. Arvola, B. Maaten, R.-M. Soe, B. Niazmand, K. Oja, H. Vihma, K. Tomingas, L. Gerlitz, J. Lavin, S. Pärand, S. Kaganski, t. Simson, M. Paavel, P. Elbrecht]

Mente et Manu 2018 / lk. 69 https://ttu.ee/public/m/mente-et-manu/MM_02_2018/mobile/index.html#p=6
http://www.ester.ee/record=b1242496*est <http://dea.digar.ee/publication/AKmenteetmanu>

Doktoritööd : detsember 2017 - märts 2018 : [doktorikraadi kaitsesid K. Kallip, P. Maripuu, J. Maricheva, M. Drozdova, E. Haiba, T. Mill, T. Pardy, M. Rist, M. Kollo, K. Julge, A. Koit, M. Viigimäe, S. Polivtseva ja M. Metsma]

Mente et Manu 2018 / lk. 65 <https://www.ttu.ee/?id=16836> http://www.ester.ee/record=b1242496*est

Doktoritööde kaitsmine : [Tartu Ülikoolis, Tallinna Tehnikaülikoolis]

Aastaraamat 2017 / Eesti Matemaatika Selts 2018 / lk. 202-205 https://www.ester.ee/record=b1226018*est

Dokumentaalfilmide dokumenteeritud radadel

Juchnewitsch, Anna-Grete Studioosus 2018 / lk. 22-23 : fot https://issuu.com/studioosus/docs/studioosus_november_1819_veeb

Dolinka, Igor. Finite bands are finitely related : [review]

Zentralblatt MATH 2018 / [1] p <https://zbmath.org/?q=06936367>

Domain ontology for expressing knowledge of variants of thermally modified wood products

Maigre, Riina; Haav, Hele-Mai Databases and Information Systems : 13th International Baltic Conference, DB&IS 2018, Trakai, Lithuania, July 1-4, 2018 : proceedings 2018 / p. 161-171 https://doi.org/10.1007/978-3-319-97571-9_14 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Dopamine crossreacts with adrenoreceptors in cortical astrocytes to induce BDNF expression, CREB signaling and morphological transformation

Koppel, Indrek; Jaanson, Kaur; Klasche, Airi; Tuvikene, Jürgen; Tiirik, Tõnis; Pärn, Angela; Timmusk, Tõnis GLIA 2018 / p. 206-216 : ill <https://doi.org/10.1002/glia.23238> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Draft guide on public ethics, prepared by the working group on public ethics and three experts

Pevkur, Aive; Haban Barborič, Vita; Doig, Alan 2018 <https://rm.coe.int/cddg-2018-4e-addendum-public-ethics-guide/16808edc53>

Drastic changes in lake ecosystem development as a consequence of flax retting: a multiproxy palaeolimnological study of Lake Kooraste Linajärv, Estonia

Liiv, Merlin; Alliksaar, Tiit; Freiberg, Rene; Heinsalu, Atko; Ott, Ingmar; Reitalu, Triin; Tõnno, Ilmar; Vassiljev, Jüri; Veski, Siim Vegetation history and archaeobotany 2018 / p. 437-451 : ill <https://doi.org/10.1007/s00334-017-0650-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Driver distraction detection and evaluation with artificial neural network and fuzzy logic : In-vehicle information system as a driver's secondary activity: case study

Aksjonov, Andrei; Nedoma, Pavel; Vodovozov, Valery; Petlenkov, Eduard 2018 IEEE 15th International Workshop on Advanced Motion Control (AMC 2018) 2018 / p. 523-528 : ill [Driver distraction detection and evaluation with artificial neural network and fuzzy logic : In-vehicle information system as a driver's secondary activity: case study](#)

Drivers of dissolved organic carbon export in a subarctic catchment : importance of microbial decomposition, sorption-desorption, peatland and lateral flow

Tang, Jing; Yurova, Alla Y.; Schurger, Guy; Miller, Paul A.; Olin, Stefan; Smith, Benjamin; Siewert, Matthias B.; Olefeldt, David; Pilesjö, Petter; Poska, Anneli Science of the total environment 2018 / p. 260-274 : ill <https://doi.org/10.1016/j.scitotenv.2017.11.252> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Droonid uurivad vihmausside bioindikatsiooni abil raskemetallide levikut keskkonnas

Mente et Manu 2018 / lk. 35 : fot http://www.ester.ee/record=b1242496*est <http://dea.digar.ee/publication/AKmenteetmanu> https://www.ttu.ee/public/m/mente-et-manu/MM_05_2018/mobile/index.html https://artiklid.elnet.ee/record=b2868933*est

Džinnipudelid võib leida nii mõndagi

Kallis, Ain Maaleht 2018 / lk. 48 <https://maaleht.delfi.ee/artikkel/81499303/dzinnipudelid-voib-leida-nii-mondagi-ponevat>

DTATG study of NiO Reduction by Mg+C combined reducer

Zakaryan, Marieta; Niazyan, D.; Aydinyan, Sofiya; Kharatyan, Suren Հայաստանի քիմիական հաւոյն = Chemical Journal of Armenia = Химический журнал Армении 2018 / p. 473-485 : ill <http://chemistry.asj-oa.am/id/eprint/7899> https://www.ester.ee/record=b1300031*est

Dynamic characteristic evaluation of a 600V reverse blocking IGBT device

Korkh, Oleksandr; Blinov, Andrei Advances in Information, Electronic and Electrical Engineering (AIEEE) : proceedings of the 5th IEEE Workshop, november 24-25, 2017, Riga, Latvia 2018 / p. 1-5 : ill <https://doi.org/10.1109/AIEEE.2017.8270527>

Dynamic modeling and stability analysis of power networks using DQ0 transformations with a unified reference frame

Belikov, Juri; Levron, Yoash Proceedings of the Estonian Academy of Sciences 2018 / p. 368-377 : ill http://www.kirj.ee/public/proceedings_pdf/2018/issue_4/proc-2018-4-368-377.pdf <https://doi.org/10.3176/proc.2018.67.4.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dynamic state space model based analysis of a three-phase induction motor using nonlinear magnetization inductance

Asad, Bilal; Vaimann, Toomas; Rassõlkin, Anton; Belahcen, Anouar 2018 19th International Scientific Conference on Electric Power Engineering (EPE 2018) : Brno, Czech Republic, 16 - 18 May 2018 2018 / p. 260-265 : ill <https://doi.org/10.1109/EPE.2018.8396039>

Dynatest LWD and stress dependency of materials

Kendra, Ain; Eichfuss, Riho Международная юбилейная научно-техническая конференция "Автомобильные дороги : безопасность и надежность", посвященная 90-летию Белорусской дорожной науки = International anniversary scientific and technical conference "Highways : safety and reliability", dedicated to the 90th anniversary of the Belarusian road science : сборник докладов, 22—23 ноября 2018 г., Минск : 2 ч. 2018 / с. 93-98 : табл

Earnings announcement lags and market responses-does the tone of the news and the market sentiment matter?

Laidroo, Laivi; Joost, Joonas Emerging markets finance and trade 2018 / p. 1885-1906 : tab <https://doi.org/10.1080/1540496X.2017.1326028> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

East, James; Mitchell, James D.; Ruškuc, Nik; Torpey, Michael. Congruence lattices of finite diagram monoids : [review]

Ebe Pilt : villand ekspertidest? : [võrguväljaanne]

Pilt, Ebe postimees.ee 2018 <https://arvamus.postimees.ee/4886673/ebe-pilt-villand-ekspertidest>

E-City lights : Estonian solutions for decentralization and urban development

Kerikmäe, Tanel; Shumilo, Olga [International Conference "Specific Regulations For the Development of Ho Chi Minh City And International Experience", Ho Chi Minh, 14 December 2018] 2018 / p. [3-8] http://web.hcmulaw.edu.vn/phapluatdacthu_en/index.php?option=com_content&view=article&id=1403&Itemid=258

Economic regulation assessment of network industries : railway infrastructure management in Estonia [Electronic resource]

Uukkivi, Raigo; **Koppel, Ott** Estonian discussions on economic policy = Estnische Gespräche über Wirtschaftspolitik = Eesti majanduspoliitilised väitlused. 26 (1-2) 2018 / p. 155-171 [CD-ROM]

Economics and PA: public choice theory, transaction costs theory, theory of expectations, and the enduring influence of economics modeling on PA-comparing the debate in the US and Europe

Tõnurist, Piret; Baekgaard, Martin The Palgrave Handbook of Public Administration and Management in Europe 2018 / p. 1105-1120 https://doi.org/10.1057/978-1-137-55269-3_56

The economics of change : Policy and appraisal for missions, market shaping and public purpose : policy report

Kattel, Rainer; Mazzucato, Mariana; Ryan-Collins, Josh; Sharpe, Simon 2018 <https://www.ucl.ac.uk/bartlett/public-purpose/sites/public-purpose/files/iipp-wp-2018-06.pdf>

The economics of late development, industrialization and economic integration : with case studies of Ethiopia = Hilise arengu, industrialiseerimise ja majandusliku integratsiooni ökonoomika Etioopia näite varal

Rekiso, Zinabu Samaro 2018 <https://digi.lib.ttu.ee/i/?11155>

The ecosystem of commons-based peer production and its transformative dynamics

Bauwens, Michel; **Pantazis, Alexandros** The sociological review 2018 / p. 302-319 : ill <https://doi.org/10.1177/0038026118758532>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

(Eco)toxicological and Antibacterial Effects of 24 L-Phenylalanine Derived Ionic Liquids against Marine and Clinically Relevant Bacteria

Kusumahastuti, Dewi Kurnianingsih Arum; Sihtmäe, Mariliis; **Kapitanov, Illia**; **Karpichev, Yevgen**; Kahru, Anne; Gathergood, Nicholas IUPAC Postgraduate Summer School on Green Chemistry : 7-13 July 2018, Venice - Italy : book of abstracts 2018 / p. 74 https://www.unive.it/pag/fileadmin/user_upload/extra/SSGC/documenti/Book_of_abstracts_per_website_23_July.pdf

Ecotoxicological impacts of industrially relevant engineered nanomaterials : effects on Tetrahymena thermophila = Tööstuslike nanomaterjalide keskkonnatoksilisuse hindamine : nanoosakeste mõju algloomale Tetrahymena thermophila

Juganson, Katre 2018 <https://digi.lib.ttu.ee/search/> https://www.ester.ee/record=b5056136*est

Eddy current corrosion measurement of steel

Märtens, Olev; Land, Raul; Min, Mart; Rist, Marek; Ferenets, Marju; Käsper, Andres Impedance spectroscopy : advanced applications : battery research, bioimpedance, system design 2018 / p. 125-134 : ill <https://doi.org/10.1515/9783110558920-012>

Editorial

Zheng, Xiaosong Transformations in business and economics 2018 / p. 303-304 <http://www.transformations.knf.vu.lt/45c/ed45c.pdf>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Editors' foreword

Tohvri, Epi; **Müürsepp, Peeter** Acta Baltica historiae et philosophiae scientiarum 2018 / p. 3-4 <http://www.bahps.org/acta-baltica/abhps-6-2>

EDLC durable electrodes and capacitor for high frequency applications

Malmberg, Siret; Tarasova, Elvira; **Vassiljeva, Viktoria**; **Krasnou, Illia**; Arulepp, Mati; **Krumme, Andres** SPCD 2018 : 3rd Space Passive Components Days International Symposium, Noordwijk, Netherlands, 9-12 October 2018 2018 / 10 p. : ill <https://passive-components.eu/edlc-durable-electrodes-and-capacitor-for-high-frequency-applications/>

Education and investor behaviour = Haridus ja investori käitumine

Liivamägi, Kristjan 2018 <https://digi.lib.ttu.ee/i/?9957> https://www.ester.ee/record=b5138042*est

EEG functional connectivity detects seasonal changes

Päeske, Laura; **Bachmann, Maie**; **Raik, Jaan**; **Hinrikus, Hiie** World Congress on Medical Physics and Biomedical Engineering 2018 : June 3-8, 2018, Prague, Czech Republic (Vol. 2) 2018 / p. 237-240 https://doi.org/10.1007/978-981-10-9038-7_44 [Conference](#)

EEG spectral asymmetry index detects differences between leaders and non-leaders

Põld, Toomas; Bachmann, Maie; Orgo, Laura; Kalev, Kaia; Lass, Jaanus; Hinrikus, Hiie EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 17-20 https://doi.org/10.1007/978-981-10-5122-7_5 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

EEG spectral asymmetry is dependent on education level of men

Põld, Toomas; Bachmann, Maie; Päeske, Laura; Kalev, Kaia; Lass, Jaanus; Hinrikus, Hiie World Congress on Medical Physics and Biomedical Engineering 2018 : June 3–8, 2018, Prague, Czech Republic (Vol. 2) 2018 / p. 405–408 https://doi.org/10.1007/978-981-10-9038-7_76 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Eesmärgid kasvavad tehes

Neostus, Arabella Mente et Manu 2018 / lk. 64-65 : fot http://www.ester.ee/record=b1242496*est
<http://dea.digar.ee/publication/AKmenteetmanu> https://www.ttu.ee/public/m/mente-et-manu/MM_05_2018/mobile/index.html
https://artiklid.elnet.ee/record=b2868953*est

[Eessõna]

Lahe, Andres Varrassüsteemide võnkumine. EST-meetod 2018 / lk. 3-4 https://www.ester.ee/record=b4769813*est
<https://digikogu.taltech.ee/et/Item/100d0d73-65fc-498d-bc26-11666bea925e>

Eessõna

Andrejev, Viktor Aastaraamat 2017 / Tallinna Tehnikaülikool, Virumaa kolledž 2018 / lk. 3 http://www.ester.ee/record=b2666429*est

Eessõna

Engelbrecht, Jüri; Tammiksaar, Erki Eesti teaduse 100 aastat 2018 / lk. 9-10 https://www.ester.ee/record=b4774803*est

Eessõna

Vaimann, Toomas; Risthein, Endel Eesti energeetika 100 aastat 2018 / lk. 9-10 https://www.ester.ee/record=b4774821*est

Eessõna

Räämet, Andrus Ehitusmehaanika : varraskonstruksioonide staatika : õpik kõrgkoolidele 2018 / lk. 4-5
https://www.ester.ee/record=b5053865*est

[Eessõna]

Karjust, Kristo Mehaanika ja tööstustehnika instituut 2018 / lk. 3 : portr https://www.ester.ee/record=b5730696*est

Eessõna

Puusemp, Peeter Aastaraamat 2017 / Eesti Matemaatika Selts 2018 / lk. 6 https://www.ester.ee/record=b1226018*est

Eessõna : ettevõtlikkus ja ettevõtlusõpe

Eisenschmidt, Eve; Raudsaar, Mervi; **Venesaar, Urve** Eesti Haridusteaduste Ajakiri = Estonian Journal of Education 2018 / lk. 1-11
<https://doi.org/10.12697/eha.2018.6.2.01>

Eessõna = Preface

Aaloe, Aasa; Hints, Linda Dimitri Kaljo. Teadustöö ja publikatsioonid = Dimitri Kaljo. Research and publications 2018 / lk. 3-4
https://www.ester.ee/record=b5166169*est <https://digikogu.taltech.ee/et/Item/bedb08ab-decf-4ed4-a0ed-7556dfd6b782>

Eesti Akadeemiliste Naiste Ühing tunnustas naisteadlasi [Võrguväljaanne]

Sirp 2018 <http://sirp.ee/online-uudised/eesti-akadeemiliste-naiste-uhing-tunnustas-naisteadlasi/>

Eesti arendab platvormi SmartLog

Kõrbe Kaare, Kati Ärileht. Logistika : [ajalehe Eesti Päevaleht lisa] 2018 / lk. 19 <https://arileht.delfi.ee/news/uudised/eesti-arendab-platvormi-smartlog?id=84830631> <https://dea.digar.ee/article/eplogistika/2018/12/17/23>

Eesti arhitektide pärand Torontos : [Mihkel Bach, Viktor Tretjakevitš, Ants Elken, Uno Prii, Elmar Tampõld, Enno Sillaste, Kaljo Voore, Tõnu Altosaar jt.] = The legacy of Estonian architects in Toronto

Kauge, Jarmo Uude Maailma : Eesti arhitektid Torontos = To the New World : Estonian architects in Toronto 2018 / lk. [34]-257 : ill., fot., kaart https://www.ester.ee/record=b5165481*est

Eesti arhitektuuri 100 aastat

Kalm, Mart 2018 https://www.ester.ee/record=b4774820*est

Eesti disaini tänapäev : Ene Läki intervjuu Martin Pärnaga

Pärn, Martin Tööstuskunstist tootedisainini : artikleid 1934–2018 2018 / lk. 126-129 : ill http://www.ester.ee/record=b4819730*est

Eesti edu Euroopa suurandmete kõrgetasemelisel võistlusel : [EK ja EL statistikaameti Eurostati suurandmete programmeerimise maratonil saavutas Eesti meeskond 3. koha]

Nõges, Krõõt Aastaraamat 2017 / Eesti Matemaatika Selts 2018 / lk. 198-199 https://www.ester.ee/record=b1226018*est

Eesti Ehitusinseneride Liidu loomisest

Kvell, Rein 100 aastat TTÜ ehitusinseneri 2018 / lk. 434-437 : port

Eesti ei peaks kartma Vene elektrivõrku

Raukas, Anto Eesti Päevaleht 2018 / lk. 10 <https://epl.delfi.ee/artikkel/83325211/anto-raukas-estei-ei-peak-kartma-vene-elektrivorku>

Eesti energeetika 100 aastat

Vaimann, Toomas; Risthein, Endel 2018 https://www.ester.ee/record=b4774821*est

Eesti Energia ja TTÜ teevad koostööd lubjakivi ringmajandusse suunamiseks

Ehitaja 2018 / lk. 39 : fot http://www.ester.ee/record=b1072123*est

Eesti e-riigi hoidmine ei saa olla hobi

Ottis, Rain Äripäev 2018 / lk. 12 [Eesti e-riigi hoidmine ei saa olla hobi](#)

Eesti esimene 5G võrk rajatakse Tallinna Tehnikaülikooli

Mente et Manu 2018 / lk. 9 : fot http://www.ester.ee/record=b1242496*est <http://dea.digar.ee/publication/AKmenteetmanu>
<https://taltech.ee/avalehekulg/?id=10641&category=128006#newsTabsMenu> https://artiklid.elnet.ee/record=b2866959*est

Eesti esimene isesõitev auto - Iseauto

Elektriala 2018 / lk. 29 : fot http://www.ester.ee/record=b1240496*est https://artiklid.elnet.ee/record=b2866083*est

Eesti esimese autonoomse sõiduki Iseauto prototüüp on valmis

Sell, Raivo Mente et Manu 2018 / lk. 28-29 : fot http://www.ester.ee/record=b1242496*est <http://dea.digar.ee/publication/AKmenteetmanu>
<https://taltech.ee/avalehekulg/?id=10641&category=128006#newsTabsMenu> https://artiklid.elnet.ee/record=b2866970*est

Eesti ettevõtete osalemine rahvusvahelistes väärtusahelates ja poliitika meetmed kõrgemat lisandväärtust andvate tootmisprotsesside toetamiseks : RITA 4 : TAI poliitika seire : lõpparuanne [Võrguteavik]

Karo, Erkki; Müür, Jaanus; Kirs, Margit; Juuse, Egert; Ukrainski, Kadri; Shin, Youjun; Kokashvili, Nino; Tänav, Tõnis; Masso, Jaan; Terk, Erik 2018 <https://www.etag.ee/wp-content/uploads/2018/06/Eesti-ettev%c3%b5tete-osalemine-rahvusvahelistes-v%c3%a4%c3%a4rtusahelates.pdf>

Eesti ettevõtluse koosluste uuring [Võrguteavik]

Reidolf, Merli; Michelson, Aleksandr; **Küttim, Merle; Kallaste, Marianne; Rozeik, Helena** 2018 [Eesti ettevõtluse koosluste uuring](#)
https://www.ester.ee/record=b5149546*est

Eesti Inseneride Liit : 30 tegevusaastat : 1988-2018 = Estonian Association of Engineers

2018 https://www.ester.ee/record=b5187067*est

Eesti katlamajades puidu põletamisel tekkiva tuha keemilisest koostisest

Raave, Henn; Ots, Katri; **Pitk, Peep** Agronoomia 2018 / lk. 186-193 https://www.ester.ee/record=b2226971*est

Eesti keemiaalase teaduskeele kujunemine. Kas siis selle maa keel?!!

Hõdrejäär, Helvi Aastaraamat 2017 / Eesti Kodu-uurimise Selts, Eesti Muinsuskaitse Selts, Eesti Genealoogia Selts 2018 / lk. 138-139 : ill http://www.ester.ee/record=b2136673*est

Eesti kirjandus eesti köites : professionaalne eesti köitekunst 1918-2018 : 20.02. - 20.03.2018 Rahvusraamatukogus : [näituse e-kataloog] = Estonian literature Estonian bindings : professional Estonian fine bookbinding from 1918-2018 : [exhibition e-catalogue] [Elektrooniline teavik]

2018

Eesti kohalik omavalitsus ja liidud 100

2018 https://www.ester.ee/record=b5162405*est

Eesti kohalik omavalitsus ja liidud 100

2018 https://www.ester.ee/record=b4775797*est

Eesti kultuuri ja eneseteadvuse märkamatud tugisambad

Soomere, Tarmo; Tammiksaar, Erki Postimees 2018 / AK lk. 7 [Tarmo Soomere ja Erki Tammiksaar: Eesti teaduse märkamatud tugisambad tuleb varjusurmast välja tuua](#)

Eesti kõrg- ja ülikoolid meelitavad tudengeid uute erialadega

Sillamaa, Heelia Postimees 2018 / lk. 7 [Eesti kõrg- ja ülikoolid meelitavad tudengeid uute erialadega](#)

Eesti lootsikaatrid on teisest tehasest

Meremees. Veeteede Ameti teataja 2018 / lk. 16-17 : fot <https://issuu.com/ajakirimeremees> http://www.ester.ee/record=b4646644*est

Eesti mees maailma ehituskultuuri tipus - August Komendant

Lige, Carl-Dag 100 aastat TTÜ ehitusinsenere 2018 / lk. 417-420 : ill., fot

Eesti Meremeeste Liit

Meremees. Veeteede Ameti teataja 2018 / lk. 17 <https://issuu.com/ajakirimeremees> http://www.ester.ee/record=b4646644*est

Eesti merenduse 100 aastat

Roosipuu, Tauri Meremees. Veeteede Ameti teataja 2018 / lk. 26 : ill http://www.ester.ee/record=b4646644*est https://xn--tt-yka.ee/public/m/mereakadeemia/ajakiri-meremees/Meremees_2018_3-4._VA_Teataja_2018_3-4.pdf

Eesti mereröövliid

Albri, Rein; Ruben, Aarne 2018 https://www.ester.ee/record=b5178388*est

Eesti Moritz Hermann Jacobi seltsi koosolek Tallinna Tehnikaülikoolis

Elektriala 2018 / lk. 27-28 : fot http://www.ester.ee/record=b1240496*est https://artiklid.elnet.ee/record=b2861933*est

Eesti Nokia? Tehnikaülikooli teadlased valmistasid katseteks elektroonilised kalad

Rannamets, Anett Õhtuleht 2018 / lk. 5 <https://www.oh tuleht.ee/878583/eesti-nokia-tehnikaulikooli-teadlased-valmistasid-katseteks-elektroonilised-kalad>

Eesti okupatsioonikahjud ja inimkaotused

Haud, Jaak; **Raukas, Anto**; Salo, Vello; Varju, Peep 2018 http://www.ester.ee/record=b4769823*est

Eesti polaaruuringuute komisjon

Vaikmäe, Rein Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2017 2018 / lk. 33-34 https://www.ester.ee/record=b1218094*est

Eesti Põlevkivi aastatel 1986-1991 : peadirektori märkmed. 2015. Jutustus. 2016

Sullakatko, Otto 2018 https://www.ester.ee/record=b5159225*est

Eesti põlevkivitööstuse aastaraamat 2017

2018 https://www.ester.ee/record=b4746322*est https://www.ttu.ee/public/p/polevkivi-kompetentsikeskus/aastaraamat/Polevkivi_aastaraamat_EST_2018-06-27c.pdf

Eesti Raamatukoguhoidjate Ühingu aastaraamat 2017

2018 https://www.ester.ee/record=b1209172*est

Eesti Raamatukoguhoidjate Ühingu tegevus 2017. aastal

Eesti Raamatukoguhoidjate Ühingu aastaraamat 2017 2018 / lk. 62-77, 117-118 https://www.ester.ee/record=b1209172*est

Eesti rahvuse kestmisest : Tallinna Teadlaste Maja, 19.11.2016 ja 11.11.2017 konverentside kogumik : Eesti Vabariigi 100. aastapäevaks

2018 http://www.ester.ee/record=b4778435*est

Eesti raudteede 100 aastat

Helme, Mehis 2018 https://www.ester.ee/record=b4770173*est

Eesti spordi lugu

Antons, Kaarel; Voolaid, Kalle 2018 https://www.ester.ee/record=b5175155*est

Eesti sõjaväelendurid 1940-1941 : isiklikke mälestusi sündmustest, millised eeldasid hilisemat Eesti Lennuüksuste loomist kodumaa kaitseks

Milk, Remi 2018 https://www.ester.ee/record=b5187019*est

Eesti teadlased on euroraha taotlemisel edukad, kuid alla ELi keskmise

Himma, Marju novaator.err.ee 2018 <https://novaator.err.ee/687484/eesti-teadlased-on-euroraha-taotlemisel-edukad-kuid-alla-eli-keskmise>

Eesti teaduse 100 aastat

Engelbrecht, Jüri; Tammiksaar, Erki 2018 http://www.ester.ee/record=b4774803*est

Eesti teaduse taltsutamine

Lember, Veiko Sirp 2018 / lk. 2-4 : fot <https://dea.digar.ee/article/sirp/2018/06/08/2.2> http://www.ester.ee/record=b1072938*est
<http://www.sirp.ee/s1-artiklid/c21-teadus/eesti-teaduse-taltsutamine/>

Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2017

Soomere, Tarmo 2018 http://www.ester.ee/record=b1218094*est

Eesti Teaduste Akadeemia in words and images 2017

Soomere, Tarmo; Pilt, Ebe 2018 https://www.ester.ee/record=b5178522*est

Eesti Teaduste Akadeemia liikmeks kandideerib neli TalTechi teadlast

Mente et Manu 2018 / lk. 8 . portr. http://www.ester.ee/record=b1242496*est <http://dea.digar.ee/publication/AKmenteetmanu>
<https://taltech.ee/avalehekulg/?id=10641&category=128006#newsTabsMenu>

Eesti Teaduste Akadeemia sõnas ja pildis 2017

Soomere, Tarmo 2018 http://www.ester.ee/record=b5054043*est

Eesti teede ja transpordi 100 aastat

Praust, Valdo 2018 https://www.ester.ee/record=b4770235*est

Eesti teedevõrgu järgmised sada aastat

Sein, Sander Sada aastat Eesti teedele : Maanteeameti 100. sünnipäevale pühendatud uurimus 2018 / lk. 249

Eesti tehnikateaduskeele ja terminite arendusest Tallinna Tehnikaülikoolis [Võrguväljanne]

Kulu, Priit; Kübarsepp, Jakob; Laaneots, Rein VI eesti teaduskeele konverents : tähistamaks Eesti Vabariigi 100. sünnipäeva ja TLÜ teaduskeelekeskuse 10. tegevusaastat : lühitutvustused 2018 / lk. 19-20
[https://www.tlu.ee/sites/default/files/Konverentsikeskus/v%C3%B5rku%20VI%20eesti%20teaduskeelekonv%20%C3%BChitutvustused%20\(1\).pdf](https://www.tlu.ee/sites/default/files/Konverentsikeskus/v%C3%B5rku%20VI%20eesti%20teaduskeelekonv%20%C3%BChitutvustused%20(1).pdf)

Eesti tudengid ehitavad Baltimaade esimese isejuhtiva vormeli

Mente et Manu 2018 / lk. 11 : fot http://www.ester.ee/record=b1242496*est <http://dea.digar.ee/publication/AKmenteetmanu>
<https://taltech.ee/avalehekulg/?id=10641&category=128006#newsTabsMenu> https://artiklid.elnet.ee/record=b2866961*est

Eesti tänab 2017-2018 : [Eesti riiklike teenetemärkide kavalerid]

2018 https://www.ester.ee/record=b1622609*est

Eesti Vabariigi 2018. aasta teaduspreemia laureaadid TTÜst

Vähi, Kersti; Buldas, Ahto; Kotta, Ülle; Kurnitski, Jarek; Raudla, Ringa **Mente et Manu** 2018 / lk. 26-27 : portr
<https://www.ttu.ee/ttu-uudised/ajaleht-mente-et-manu/mente-et-manu/> http://www.ester.ee/record=b1242496*est
https://artiklid.elnet.ee/record=b2836028*est

Eesti Vabariigi preemiad 2018 : teadus. F. J. Wiedemanni keeleauhind. Kultuur. Sport

2018 https://www.ester.ee/record=b1226072*est

Eesti Vabariigi teaduspreemiad 2017 : [teiste seas pälvisid preemia ka Ü. Kotta, J. Kurnitski ja R. Raudla TTÜst]

Sirp 2018 / lk. 94-96 : ill <http://sirp.ee/s1-artiklid/c21-teadus/eesti-vabariigi-teaduspreemiad-2017-3/>

Eesti äridelegatsioon külastas mereakadeemia juhtimisel Namiibiat

Mente et Manu 2018 / lk. 11 http://www.ester.ee/record=b1242496*est <http://dea.digar.ee/publication/AKmenteetmanu>
<https://taltech.ee/avalehekulg/?id=10641&category=128006#newsTabsMenu> https://artiklid.elnet.ee/record=b2866962*est

Eestikeelsed teadlased maailmas

Engelbrecht, Jüri Sõida tasa üle silla : raamat eesti keelest ja meelest 2018 / lk. 330-337 https://www.ester.ee/record=b5154585*est

Eestimaa majakanestor Armas Luige

Peetsalu, Peeter Mere ja maa vahel : kaugetelt meredelt kodurandadesse 2018 / lk. 87-92 : portr., ill
https://www.ester.ee/record=b4780385*est

Eestimaa Rahvarinne 30 : artiklite kogumik. I, Rahvarinde ajaloo I konverentsiks 30. septembril 2018

Rahvusraamatukogus

2018 https://www.ester.ee/record=b5159213*est

Eestis elav ameeriklane : miks kavatsen siia elama jääda? [Võrguväljanne]

McBride, Keegan David Braun Postimees 2018 <https://arvamus.postimees.ee/6437065/eestis-elav-ameeriklane-miks-kavatsen-siia-elama-jaada>

Eestis loodud nutiventilatsiooniseade toob leevendust kehvale toaõhule : [ka J. Kurnitski kommentaaridega]

Linnaleht 2018 / lk. 17 : fot

Eestist leiti maailma vanim kivistunud silm

Eesti Loodus 2018 / lk. 7 : fot http://www.ester.ee/record=b1072059*est

Eestist saagu ICO-keskus

Künnapas, Kaido Äripäev 2018 <https://www.aripaev.ee/arvamused/2018/03/16/kaido-kunnapas-eestist-saagu-ico-keskus>

Eestlane Siberis väljakaevamistel

Päärt, Villu; Amon-Veskimeister, Leeli Postimees 2018 / lk. 6 [Eesti teadlane osales Siberis ürgse mammutispaa väljakaevamistel](#)

Eestlased lahendasid 17. sajandi suure mõistatuse

Postimees 2018 / lk. 24 : foto https://www.ester.ee/record=b1072778*est

Eestlased Soome ja Saksa sõjaväes 1940-1945, (A-J) = Estonians in Finnish and German armed forces 1940-1945, (A-J)

2018 https://www.ester.ee/record=b4762007*est

Eestlased, liberaalne rahvas

Käsper, Kari Eesti Päevaleht 2018 / lk. 10 <https://epl.delfi.ee/artikkel/81962633/kari-kasper-eestlased-liberaalne-rahvas>

Eestlastel on liiga madal seleenitase

Viitak, Anu Äripäev 2018 / Terviseuudised, lk. 3

Effect of a shale oil-based additive on the properties of biodiesel fuel

Vallbaum, Erko; Muoni, Rein; Soone, Jüri Solid fuel chemistry 2018 / p. 44 - 52 <https://doi.org/10.3103/S0361521918010093> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of alkali ions (Na⁺, K⁺, Cs⁺) on reaction mechanism of CZTS nano-particles synthesis

Kumar, Suresh; Altosaar, Mare; Grossberg, Maarja; Mikli, Valdek Superlattices and microstructures 2018 / p. 54-63 : ill <https://doi.org/10.1016/j.spmi.2018.02.019>

Effect of alkali ions (Na⁺, K⁺, Cs⁺) on reaction mechanism of CZTS nano-particles synthesis [Online resource]

Kumar, Suresh; Altosaar, Mare; Grossberg, Maarja; Mikli, Valdek Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p <http://fmdtk.ut.ee/teesid-2018/>

Effect of birch false heartwood on the physical and mechanical properties of wood-plastic composites [Online resource]

Kallakas, Heikko; Martin, Mihkel; Ayansola, Gbenga; Poltimäe, Triinu; Krumme, Andres; Kers, Jaan Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p <http://fmdtk.ut.ee/teesid-2018/>

Effect of electrode shape on medium voltage covered conductor insulation durability under electric stress

Kiitam, Ivar; Taklaja, Paul; Tuttelberg, Kaur 59th Annual International Scientific Conference on Power and Electrical Engineering : November 12, 13, 2018, Riga Technical University (RTUCON) : conference proceedings 2018 / 6 p. : ill <https://doi.org/10.1109/RTUCON.2018.8659862>

Effect of eutrophication on toxicity of metallic nanoparticles to daphnia magna [Online resource]

Muna, Marge; Heinlaan, Margit; Blinova, Irina; Kahru, Anne Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p <http://fmdtk.ut.ee/teesid-2018/>

Effect of imperfect CSI on interference alignment in multiple-high altitude platforms based communication

Sudheesh, P.G.; Sharma, Navuday; Magarini, Maurizio; Muthuchidambaramanathan, Palanivel Physical communication 2018 / p. 336-342 : ill <https://doi.org/10.1016/j.phycom.2017.11.002>

The effect of ionic liquids on the mechanical properties of electrospun polyacrylonitrile membranes

Plamus, Tiia; Savest, Natalja; Viirsalu, Mihkel; Harz, Patrick; Tarasova, Elvira; Krasnou, Illia; Vassiljeva, Viktoria; Kallavus, Urve; Krumme, Andres Polymer testing 2018 / p. 335-343 : ill <https://doi.org/10.1016/j.polymertesting.2018.09.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of leaching pretreatment on the gasification of wine and vine (residue) biomass

Link, Siim; Arvelakis, Stelios; Paist, Aadu; Lilledahl, Truls; Rosen, Christer Renewable energy 2018 / p. 1-5 : tab <https://doi.org/10.1016/j.renene.2017.08.028> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of punching the electrical sheets on optimal design of a permanent magnet synchronous motor

Martin, Florian; Aydın, Ugur; Sundaria, Ravi; Rasilõ, Paavo; **Belahcen, Anouar**; Arkkio, Antero IEEE Transactions on Magnetics 2018 / art. 8102004 <https://doi.org/10.1109/TMAG.2017.2768399> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The effect of rice husk biochar on soil nutrient status, microbial biomass and paddy productivity of nutrient poor agriculture soils

Singh, Chhatrapal; Tiwari, Shashank; **Gupta, Vijai Kumar**; Singh, Jay Shankar Catena 2018 / p. 485 - 493
<https://doi.org/10.1016/j.catena.2018.07.042> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of Zr doping on the structural and electrical properties of spray deposited TiO₂ thin films

Oluwabi, Abayomi Titilope; Juma, Albert Owino; **Oja Acik, Ilona**; **Mere, Arvo**; **Krunks, Malle** Proceedings of the Estonian Academy of Sciences 2018 / p. 147–157 : ill <https://doi.org/10.3176/proc.2018.2.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The effect of temperature and sliding speed on friction and wear of Si₃N₄, Al₂O₃, and ZrO₂ balls tested against AlCrN PVD coating

Antonov, Maksim; **Afshari, Hossein**; **Baroninš, Janis**; **Adoberg, Eron**; **Raadik, Taavi**; **Hussainova, Irina** Tribology international 2018 / p. 500-514 : ill <https://doi.org/10.1016/j.triboint.2017.05.035> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effective cross-section method for timber frame assemblies – definition of coefficients and zero-strength layers

Tiso, Mattia; **Just, Alar**; Schmid, Joachim; Klippel, Michael Book of abstracts of the final conference COST FP 1404 "Fire Safe Use of Bio-Based Building Products", Zürich, 1st and 2nd October 2018 2018 / p. 20-24 : ill [Fire Safe Use of Bio-Based Building Product](#)

Effective cross-sectional method for timber frame assemblies - definition of coefficients and zero strength layers

Tiso, Mattia; **Just, Alar**; Schmid, Joachim; Klippel, Michael Fire and materials 2018 / p. 897-913 : ill <https://doi.org/10.1002/fam.2645> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effects of Ar⁺ etching of Cu₂ZnSnSe₄ thin films : An x-ray photoelectron spectroscopy and photoluminescence study

Yakushev, Michael V.; Sulimov, Mikhail A.; Skidchenko, Ekaterina; **Krustok, Jüri** Journal of Vacuum Science & Technology B 2018 / art. 061208, 8 p. : ill <https://doi.org/10.1116/1.5050243> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effects of Zn²⁺ ions and environmental conditions on the fibrillization of insulin = Zn²⁺ ioonide ja keskkonnatingimuste mõju insuliini fibrillisatsioonile

Noormägi, Andra 2018 <https://digi.lib.ttu.ee/i/?10378> https://www.ester.ee/record=b5148492*est

Effects of ventilation improvement on measured and perceived indoor air quality in a school building with a hybrid ventilation system

Vornanen-Winqvist, Camilla; Salonen, Heidi; **Kurnitski, Jarek** International journal of environmental research and public health 2018 / art. 1414, 18 p. : ill <https://doi.org/10.3390/ijerph15071414> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effects of work arrangement on sleep regimen in creative R&D employees [Online resource]

Sõõru, Erve; **Hazak, Aaro**; **Männasoo, Kadri** Journal of sleep research 2018 / P255 ; p. 208
<https://onlinelibrary.wiley.com/doi/epdf/10.1111/jsr.12751>

Efficiency and loss distribution analysis of the 3L-Active NPC qZS inverter

Roncero-Clemente, Carlos; Romero-Cadaval, Enrique; Fernao Pires, Vitor; **Husev, Oleksandr** 2018 IEEE 12th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG 2018) : Doha, Qatar, 10-12 April 2018 2018 / p. 449-454 : ill <https://doi.org/10.1109/CPE.2018.8372560>

E-Governance in Nepal: progress, challenges and possibilities

Shakya, Shobhit Public affairs and governance 2018 / 22 p <https://doi.org/10.5958/2321-2136.2018.00001.2>

Ehitamise ja ehitusteaduse probleemistiku muutmisest viimase paari kümnendi jooksul

Õiger, Karl 100 aastat TTÜ ehitusinsenere 2018 / lk. 251-253

Ehitiste projekteerimise instituudi õppetoolid ja laborid 1992-2017

Õiger, Karl 100 aastat TTÜ ehitusinsenere 2018 / lk. 263-287 : fot

Ehitusfüüsika ja energiatõhususe uurimis- ja teadustaristu

Kalamees, Targo 100 aastat TTÜ ehitusinsenere 2018 / lk. 303-309 : ill

Ehitusgeodeesia õpetamisest Tallinna Tehnikaülikoolis

Metsvahi, Tiit; **Ellmann, Artu** Geodeet 2018 / lk. 53-54 : fot http://www.ester.ee/record=b1072198*est

Ehitusinseneriks, olümpiaehitajaks, ehitusõppejõuks

Tammaru, Enn 100 aastat TTÜ ehitusinsenere 2018 / lk. 437-443 : fot

Ehitusjoonis : harjutusülesanded

2018 https://www.ester.ee/record=b5201937*est

Ehituskonstruksioonide kateedrist

Voltri, Väino 100 aastat TTÜ ehitusinsenere 2018 / lk. 424-426 : portr

Ehituslik põletatud põlevkivi [Võrguteavik] : spetsifikatsioon, toimivus ja vastavus = Burnt shale for building materials : specification, performance and conformity

2018 https://www.ester.ee/record=b5171947*est

Ehitusmaterjalid

Raado, Lembi-Merike 2018 https://www.ester.ee/record=b5151207*est

Ehitusmehaanika : varraskonstruksioonide staatika : õpik kõrgkoolidele

Räämet, Andrus; Räämet, Raimund 2018 https://www.ester.ee/record=b5053865*est

Ehitusraamatutest

Masso, Tiit; Räämet, Andrus 100 aastat TTÜ ehitusinsenere 2018 / lk. 460-469 : ill

Ehitusteaduskonna ajaloost

Soonurm, Enno 100 aastat TTÜ ehitusinsenere 2018 / lk. 213-217 : fot

Ehitusteaduskonna õppejõudude teaduskraadi kaitsmine aastatel 1944-1989. Doktorikraadi kaitsmised ehitusalal Tallinna Tehnikaülikoolis aastatel 1992-2018

100 aastat TTÜ ehitusinsenere 2018 / lk. 365-373

Ehitusteaduskonnast ehituse ja arhitektuuri instituudiks

Kurnitski, Jarek 100 aastat TTÜ ehitusinsenere 2018 / lk. 374-383 : portr

Ehitustootluse instituut 1992-2016

Lill, Irene; Laur, Toomas; Raado, Lembi-Merike; Liias, Roode 100 aastat TTÜ ehitusinsenere 2018 / lk. 312-316 : fot., ill

Ei pea tingimata kartma

Raukas, Anto Maaleht 2018 / lk. 19

Ei saa me hakkama ilma põlevkivita!

Raukas, Anto; Valdma, Mati Elektriala 2018 / lk. 8-9 : fot http://www.ester.ee/record=b1240496*est

https://artiklid.elnet.ee/record=b2868774*est

Eicosanoid diversity of stony corals

Lõhelaid, Helike; Samel, Nigulas Marine drugs 2018 / p. 1-14 : ill <https://doi.org/10.3390/md16010010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

e-Identity and eIDAS : interpretation of concepts by different countries [Online resource]

Tsap, Valentyna Proceedings of the 4th Interdisciplinary Cyber Research Workshop 2018 : 9th of June 2018 2018 / p. 9-10

https://www.ttu.ee/public/k/kyberkriminalistika_ja_kyberjulgeoleku_keskus/CRW_2018_lingitud.pdf

Ein dynamisches Umfeld : Aktuelle Entwicklungen zu E-Justice in Deutschland und Europa [Online resource]

Schmidt, Carsten; Krimmer, Robert Johannes; Fischer, Dirk-Hinnerk E-justice 2018 / p. 3-6 <https://www.e-justice-magazin.de/>

Ein Fisch ist kein Punkt: Analyse von Strömungssignaturen in Fischauftstiegsanlagen mit einem Seitenlinien Sensor

Tuhtan, Jeffrey Andrew; Fuentes-Pérez, Juan Francisco; Toming, Gert; Schneider, Matthias; Schletterer, Martin

Wasserwirtschaft 2018 / S. 48-53 : ill <https://doi.org/10.1007/s35147-018-0015-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Eksaminandile matemaatika riigieksamist [2018]

Uudelepp, Helgi; Lõhmus, Ahto; Lumiste, Rünno; Pais, Enno 2018 https://www.ester.ee/record=b1442174*est

Ekspert : riigid on ÜRO rändeleppe vastu, sest tahavad oma piire kontrollida

Meie Kodu : [Austraalia ajaleht] 2018 / lk. 3

Eksport ja innovatsioon ettevõttes : Euroopa siirderiikide võrdlev uuring

Männasoo, Kadri; Tasane, Helery; Viires, Indrek Riigikogu Toimetised 2018 / lk. 125-134 : ill

https://www.ester.ee/record=b1361123*est <https://rito.riigikogu.ee/>

EKVÜ eesotsa valiti Kevin Vaher

Ehitaja 2018 / lk. 10 : fot http://www.ester.ee/record=b1072123*est

Elastic waves in microstructured solids

Berezovski, Arkadi Encyclopedia of Continuum Mechanics 2018 / 7 p. : ill http://doi.org/10.1007/978-3-662-53605-6_231-1

Elav ruum : sajand Eesti arhitektuuri = Space in motion : a century of Estonian architecture

2018 https://www.ester.ee/record=b5174814*est

Electric drive for throttle control of centrifugal pump system

Gevorkov, Levon; Rassõlkin, Anton; Kallaste, Ants; Vaimann, Toomas 59th Annual International Scientific Conference on Power and Electrical Engineering : November 12, 13, 2018, Riga Technical University (RTUCON) : conference proceedings 2018 / 5 p. : ill <https://doi.org/10.1109/RTUCON.2018.8659845>

Electric vehicle electric drive signal analysis and mapping of direct control possibilities

Rassõlkin, Anton; Sell, Raivo; Tihhonov, Kirill Международная научно-техническая конференция : АВТОМАТИЧЕСКИЙ КОНТРОЛЬ И АВТОМАТИЗАЦИЯ ПРОИЗВОДСТВЕННЫХ ПРОЦЕССОВ, 3-6 октября, 2018 г. : ПРОГРАММА КОНФЕРЕНЦИИ 2018 / p. 9 <https://www.belstu.by/Portals/0/userfiles/37/000-PROGRAMMA-konf--APP-2018.pdf>

Electrochemical detection of brain-derived neurotrophic factor by molecularly-imprinted polymer on screen-printed electrode

Kidakova, Anna; Boroznjak, Roman; Reut, Jekaterina; Öpik, Andres; Sõritski, Vitali The 10th International Conference on Molecular Imprinting, Jerusalem, Israel, June 24-28, 2018 : [abstracts] 2018 / 1 p. : ill <https://events.eventact.com/programview2/Agenda/Lecture/175959?code=3635110>

Electroconductive fibrous mat prepared by electrospinning of polyacrylamide-g-polyaniline copolymers as electrode material for supercapacitors

Smirnov, Michael; **Tarasova, Elvira; Mikli, Valdek; Vassiljeva, Viktoria; Krumme, Andres** Journal of materials science 2018 / p. 4859–4873 : ill <https://doi.org/10.1007/s10853-018-03186-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Electrode optimization for bioimpedance based central aortic blood pressure estimation

Metshein, Margus; Kõiv, Hip; Annus, Paul; Min, Mart World Congress on Medical Physics and Biomedical Engineering 2018 : June 3–8, 2018, Prague, Czech Republic (Vol. 2) 2018 / p. 497-501 https://doi.org/10.1007/978-981-10-9038-7_92 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Electrodeposited ZnO morphology transformations under the influence of SeO2 additive: Rods, disks, nanosheets network

Gromõko, Inga; Dedova, Tatjana; Polivtseva, Svetlana; Kois, Julia; Puust, Laurits; Sildos, Ilmo; **Mere, Arvo; Krunks, Malle** Thin solid films 2018 / p. 10-15 : ill <https://doi.org/10.1016/j.tsf.2017.12.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Electromagnetic fields in biology and medicine

2018 <https://www.tandfonline.com/toc/irab20/94/10?nav=tocList>

Electromechanical coupling of waves in nerve fibres

Engelbrecht, Jüri; Peets, Tanel; Tamm, Kert Biomechanics and modeling in mechanobiology 2018 / p. 1771–1783 : ill <https://doi.org/10.1007/s10237-018-1055-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Electronic Voting : Third International Joint Conference, E-Vote-ID 2018, Bregenz, Austria, October 2–5, 2018 : proceedings

2018 <https://doi.org/10.1007/978-3-030-00419-4>

Electrospun conductive mats from PANi-ionic liquid blends

Savest, Natalja; Plamus, Tiia; Kütt, Kertu; **Kallavus, Urve; Viirsalu, Mihkel; Tarasova, Elvira; Vassiljeva, Viktoria; Krasnou, Illia; Krumme, Andres** Journal of electrostatics 2018 / p. 40-44 <https://doi.org/10.1016/j.elstat.2018.09.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Electrospun conductive membranes from Pani-Ionic liquid blends [Online resource]

Plamus, Tiia; Savest, Natalja; Kallavus, Urve; Krumme, Andres Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7.-8. märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p <http://fmtdk.ut.ee/teesid-2018/>

Elektrienergia tootmise ja tarbimise jaotus on maailmas tunduvalt muutunud
Risthein, Endel Elektriala 2018 / lk. 28-30 https://artiklid.elnet.ee/record=b2859358*est

Elektrit kohvipaksust!

Raukas, Anto Elektriala 2018 / lk. 5 : portr http://www.ester.ee/record=b1240496*est

Elektritarkvõrgud ja virtuaalsed elektrijaamad

Rosin, Argo; Korõtko, Tarmo TööstusEST 2018 / lk. 32-34 : ill http://www.ester.ee/record=b4481084*est
<https://toostusest.ee/uudis/2018/09/04/virtuaalsed-elektrijaamad/> https://artiklid.elnet.ee/record=b2865323*est

Elektrivõrkude arengust

Korõtko, Tarmo; Pettai, Elmo Elektriala 2018 / lk. 10-13 : ill http://www.ester.ee/record=b1240496*est
https://artiklid.elnet.ee/record=b2865343*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)

2018 https://www.ester.ee/record=b5186383*est

Elektroonikatööstuse väljakutsed peituvad õige arengusuuna valimises

Taklaja, Andres TööstusEST 2018 / lk. 4 : portr. http://www.ester.ee/record=b4481084*est
<https://toostusest.ee/uudis/2018/10/02/elektroonikatoostuse-valjakutsed/> https://artiklid.elnet.ee/record=b2865868*est

Elemental composition and structural characteristics of as-received TriTaniumTM orthodontic archwire

Ilievskia, I.; Petrov, V.; Mihailov, V.; Karatodorov, S.; Andreeva, L.; Zaleski, A.; **Mikli, Valdek**; Gueorgieva, M.; Petrova, V. 20th International Summer School on Vacuum, Electron and Ion Technologies (VEIT 2017), 25-29 September 2017, Sozopol, Bulgaria 2018 / art. 012036, 5 p. : ill <https://doi.org/10.1088/1742-6596/992/1/012036> [Journal metrics](#) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Elements of vedic mathematics

Patankar, Udayan Sunil; Patankar, Sunil M. 2018 http://www.ester.ee/record=b4764489*est <https://digikogu.taltech.ee/et/Item/2e3b67b5-330b-4f90-9c0e-65aa1b6aad6a>

Elliptic boundary value problems with Gaussian white noise loads

Lasanen, Sari; **Roininen, Lassi**; Huttunen, Janne M.J. Stochastic processes and their applications 2018 / 21 p.
<https://doi.org/10.1016/j.spa.2017.11.007> [Journal metrics](#) [at Scopus](#) [Article at Scopus](#) [Journal metrics](#) [at WOS](#) [Article at WOS](#)

Elule lähendamise programm viis otse elu keskele

Kuusik, Rein, keemik Mente et Manu 2018 / lk. 26 : fot http://www.ester.ee/record=b1242496*est
<http://dea.digar.ee/publication/AKmenteetmanu> https://artiklid.elnet.ee/record=b2865217*est

Elvo Admann : 24. I 1931 - 27. V 2018

Meremees. Veeteede Ameti teataja 2018 / lk. 27 : fot http://www.ester.ee/record=b4646644*est https://xn--tt-yka.ee/public/m/mereakadeemia/ajakiri-meremees/Meremees_2018_3-4._VA_Teataja_2018_3-4.pdf

E-maapõue visioon

Hints, Olle Maapõuevisioon 2018 / lk. 30-38 <https://drive.google.com/file/d/1pjKPPVkp2tIP6-ctkrPlxsagoXNd72hF1/view>
https://www.ester.ee/record=b5165467*est

Email Voting in Indiana Elections

Thompson, Jason Ryan Third International Joint Conference on Electronic Voting E-Vote-ID 2018 : 2–5 October 2018, Lochau/Bregenz, Austria : proceedings 2018 / p. 98-110 https://www.ester.ee/record=b5162906*est

Emajõgi ja Peipsi ei pea tehase koormusele vastu

Erm, Ants Maaleht 2018 / lk. 17 <https://maaleht.delfi.ee/artikkel/82175519/mereteadlane-emajogi-ja-peipsi-ei-peat-tehase-koormusele-vastu>

Emergent, adaptive and responsive urban landscape design strategies

De Luca, Francesco Acta architecturae naturalis = Maastikuarhitektuurseid uurimusi 2018 / p. 20–32 : ill
<https://www.maastikuarhitektuur.ee/acta/article/view/64/54> https://www.ester.ee/record=b2731314*est

Empirical evaluation of guidelines for prototyping sociotechnical systems in JADE framework

Mahunnah, Msury; Taveter, Kuldar; Wai Shiang, Cheah; Yee Wai, Sim 2018 International Symposium on Agents, Multi-Agent Systems and Robotics (ISAMSR 2018) : Putrajaya, Malaysia, 27 August 2018 2018 / p. 51-56 : ill
<http://doi.org/10.1109/ISAMSR.2018.8540558>

An empirical evaluation of the requirements engineering tool for socio-technical systems

Mahunnah, Msury; Taveter, Kuldar; Matulevičius, Raimundas 2018 7th Workshop on Empirical Requirements Engineering : EmpiRE 2018 : 21 August 2018, Banff, Alberta, Canada : proceedings 2018 / p. 8-19 : ill <https://doi.org/10.1109/EmpiRE.2018.00012>

Employee performance, working time and tiredness in creative R&D jobs : employee survey from Estonia
Hazak, Aaro; Virkebau, Marko; Tuulik, Viuu; **Tint, Piia;** Pille, Viive; Sõõru, Erve Springer Proceedings in Business and Economics 2018 / p. 321 - 330 https://doi.org/10.1007/978-3-319-70377-0_22 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Enabling secure MPSoC dynamic operation through protected communication
Azad, Siavoosh Payandeh; Niazmand, Behrad; Jervan, Gert; Sepulveda, Johanna 2018 25th IEEE International Conference on Electronics Circuits and Systems (ICECS), Bordeaux, France, December 9–12, 2018 2018 / p. 481-484 : ill <https://doi.org/10.1109/ICECS.2018.8617940>

Enabling the teaching factory leveraging a virtual reality system based on the digital twin
Kuts, Vladimir; Otto, Tauno; Caldarola, Enrico G.; Modoni, Gianfranco E.; Sacco, Marco The Industrial Track of EuroVR 2018: Proceedings of the 15th Annual EuroVR Conference 2018 / p. 26–31 : ill <https://www.vtt.fi/inf/pdf/technology/2018/T339.pdf>

Enantio-differentiating hydrogenation of alkyl 3-oxobutanoates over tartaric acid-modified Ni catalyst: Enthalpy-entropy compensation effect as a tool for elucidating mechanistic features
Osawa, Tsutomu; Wakasugi, Masahiro; Kizawa, Tomoko; **Borovkov, Victor;** Inoue, Yoshihisa Molecular catalysis 2018 / p. 131-136 : ill <https://doi.org/10.1016/j.mcat.2018.02.023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enantioselective N-alkylation of 3-cyanoindole [Online resource]
Trubitsõn, Dmitri; Kanger, Tõnis Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p <http://fmdk.ut.ee/teesid-2018/>

Encouraging collaborative conservation through increased second homeowner engagement : A case study on Saaremaa Island, Estonia
Raadik Cottrell, Jana Tourism Implications and Dilemmas : 24-26 September 2018 UIT the Arctic University of Norway, Alta, Norway : book of abstracts 2018 / p. 81 <http://uit.no/Content/593764/cache=1537365119000/Book+of+abstracts.pdf>

Endel Lippmaa (1930-2015)
Just sellist Eestit : Eesti Vabariigi 101 aastat ja 101 suurkuju 2018 / lk. [150-151] : portr http://www.ester.ee/record=b5052415*est

Endel Uiga 100
Pettai, Raul; **Uiga, Endel** Eesti Elu : [Kanada ajaleht] 2018 / lk. 9 https://artiklid.elnet.ee/record=b2860995*est

Endometrial receptivity revisited : endometrial transcriptome adjusted for tissue cellular heterogeneity
Suhorutshenko, Marina; Kukushkina, Viktorija; **Velthut-Meikas, Agne;** Altmäe, Signe; Peters, Maire; Mägi, Reedik; Krjutškov, Kaarel; Koel, Mariann; Codoñer, Francisco M.; Martinez-Blanch, Juan Fco Human reproduction 2018 / 12 p. : ill <https://doi.org/10.1093/humrep/dey301> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Endophytic fungi-alternative sources of cytotoxic compounds : a review
Uzma, Faszilath; Mohan, Chakrabhavi D.; Hashem, Arbeer; **Gupta, Vijai Kumar** Frontiers in pharmacology 2018 / art. 309, 37 p. : ill <https://doi.org/10.3389/fphar.2018.00309> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

End-user electricity consumption modelling for power quality analysis in residential building
Iqbal, Muhammad Naveed; Kütt, Lauri 19th International Scientific Conference on Electric Power Engineering (EPE 2018) : Brno, Czech Republic, 16-18 May, 2018 2018 / 6 p. : ill <https://doi.org/10.1109/EPE.2018.8396030>

End-user electricity consumption modelling for power quality analysis of residential buildings
Iqbal, Muhammad Naveed; Kütt, Lauri 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 59-62 : ill http://ise.elnet.ee/record=b2950015~S2*est

Energiat säästvatest liginullenergiamajadest tulevikus pääsu pole. Ehitamine läheb kallimaks.
Rand, Jana Maaleht 2018 / lk. 2-3

Energy consumption and performance estimation of embedded software = Sardtarkvara energiatarbe ja jõudluse ennustamine
Ruberg, Priit 2018 <https://digi.lib.ttu.ee/i/?10704> http://www.ester.ee/record=b5152952*est

Energy efficiency for bisection based power allocation with proportional fairness in relay-assisted LTE-A downlink system [Online resource]
Hassan, Hammad; Ahmed, Ifran; **Alam, Muhammad Mahtab** BEC 2018 : 2018 16th Biennial Baltic Electronics Conference (BEC) : proceedings of the 16th Biennial Baltic Electronics Conference, October 8-10, 2018 2018 / 4 p.: ill

Energy interests perspective on the annexation of Crimea

Keypour, Javad; Hendla, Ivar Third annual Tartu conference on Russian and East European studies "Reflecting on nation-statehood in Eastern Europe, Russia and Eurasia" 10-12 June 2018, University of Tartu, Estonia 2018 / p. 20

https://sisu.ut.ee/sites/default/files/tartuconference/files/konverentsi_programm_loplik.pdf https://www.ester.ee/record=b5182583*est

Energy-efficient pulses for deep brain stimulation

Gordon, Rauno; Min, Mart; Land, Raul Impedance spectroscopy : advanced applications : battery research, bioimpedance, system design 2018 / p. 153-160 : ill <https://doi.org/10.1515/9783110558920-015>

English for maritime students

2018 http://www.ester.ee/record=b4762829*est

Enhanced efficiency of hybrid amorphous silicon solar cells based on single-walled carbon nanotubes and polymer composite thin film

Rajanna, Pramod M.; Gilshteyn, Evgenia P.; Yagafarov, Timur; Alekseeva, Alena A.; Anisimov, Anton S.; Neumüller, Alex; Sergeev, Oleg; **Bereznev, Sergei; Maricheva, Jelena**; Nasibulin, Albert Nanotechnology 2018 / 10 p. : ill <https://doi.org/10.1088/1361-6528/aaa647> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enhancement ensures competitiveness

Pirk, Kalle Estonian oil shale industry yearbook 2017 2018 / p. 5 : portr https://www.ester.ee/record=b5266187*est

Enhancing binding properties of imprinted polymers for the detection of small molecules

Ayankojo, Akinrinade George; Reut, Jekaterina; Öpik, Andres; Tretjakov, Aleksei; Söritski, Vitali Proceedings of the Estonian Academy of Sciences 2018 / p. 138–146 : ill <https://doi.org/10.3176/proc.2018.2.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enhancing cyber defense situational awareness using 3D visualizations

Kullman, Kaur; Cowley, Jennifer; Ben-Ashe, Noam 13th International Conference on Cyber Warfare and Security (ICWS 2018), Washington, DC, USA, 8 – 9 March 2018 2018 / p. 369-378 <http://toc.proceedings.com/38822webtoc.pdf>

Enhancing D-bar reconstructions for electrical impedance tomography with conformal maps

Hyvönen, Nuutti; **Päivärinta, Lassi Juhani**; Tamminen, Janne Pertti Olavi Inverse problems & imaging 2018 / p. 373-400 : ill <https://doi.org/10.3934/ipi.2018017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enlargement to the UK, the referendum of 1975 and position of Margaret Thatcher

Chochia, Archil; Ramiro Troitino, David; Kerikmäe, Tanel; Shumilo, Olga Brexit : history, reasoning and perspectives 2018 / p. 115-139 https://doi.org/10.1007/978-3-319-73414-9_7

Enn Mellikov : 1. IV 1945 - 23. VII 2018

Sirp 2018 / lk. 13 <http://www.sirp.ee/s1-artiklid/c21-teadus/enn-mellikov-1-iv-1945-23-vii-2018/> <https://dea.digar.ee/article/sirp/2018/08/10/5.4>

Enn Tõugu: "Arvutil on hing sees" : [raamatust "Arvutid, küberruum ja tehismõistus"]

Tõugu, Enn; Raud, Juhan Postimees 2018 / AK, lk. 8-9 [Enn Tõugu: "Arvutil on hing sees"](#)

Ensemble hindcast of the wave properties in the Baltic Sea [Online resource]

Räämet, Andrus; Soomere, Tarmo Baltic Earth Workshop on multiple drivers for Earth system changes in the Baltic Sea region : Tallinn University of Technology, Tallinn, Estonia 26-27 November 2018 : [programme, abstracts, participants] 2018 / p. 42 https://www.baltic-earth.eu/multipledrivers2018/material/No.14_Tallinn2018.pdf

Ensuring performance measurement integrity in logistics using blockchain

Kuhi, Kristjan; Kõrbe Kaare, Kati; Koppel, Ott 2018 IEEE International Conference on Service Operations and Logistics, and Informatics (SOLI 2018) : Singapore, 31 July - 2 August 2018 2018 / p. 256-261 : ill <https://doi.org/10.1109/SOLI.2018.8476737>

Enzymatic synthesis and polymerization of isosorbide-based monomethacrylates for high-Tg plastics

Matt, Livia; **Parve, Jaan; Parve, Omar**; Pehk, Tõnis; Liblikas, Ilme; Vares, Lauri; Jannasch, Patric ACS sustainable chemistry & engineering 2018 / p. 17382-17390 <https://doi.org/10.1021/acssuschemeng.8b05074> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Entwicklung eines Expertensystemmodells zur Verbesserung des Wertschöpfungsprozesses des Unternehmens für KMU in der Fertigungsindustrie = Ettevõtte väärtuse loomise protsessi tõhustamise ekspertsüsteemi mudeli väljatöötamine töötleva tööstuse VKE-dele

Lavin, Jaak 2018 <https://digi.lib.ttu.ee/i/?9943> https://www.ester.ee/record=b5054667*est

Environmental studies at the Kohtla-Vanaküla Iron age sacrificial site, North-East Estonia

Kriiska, Aivar; Oras, Ester; Nirgi, Triine; Shanskiy, Merrit; **Heinsalu, Atko**; Vanhanen, Santeri; Luoto, Tomi P. Estonian journal of archaeology 2018 / p. 66–79 : ill <https://doi.org/10.3176/arch.2018.1.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

E-Residency as a nation branding case

Kimmo, Margarita; Pappel, Ingrid; Draheim, Dirk 11th International Conference on Theory and Practice of Electronic Governance, 4 - 6 April 2018 2018 / p. 419-428 <https://doi.org/10.1145/3209415.3209447> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Erratum to: Long-haul optical transmission link using low-noise phase-sensitive amplifiers (Nature Communications, (2018), 9, 1, (2513), 10.1038/s41467-018-04956-5)

Olsson, Samuel L. I.; Eliasson, Henrik; **Astra, Egon**; Karlsson, Magnus; Andrekson, Peter A. Nature Communications 2018 / Art. nr. 3064 <https://doi.org/10.1038/s41467-018-05591-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

Erratum: author correction: Alleviation of drought stress in pulse crops with ACC deaminase producing rhizobacteria isolated from acidic soil of Northeast India (Scientific reports (2018) 8 1 (3560))

Saikia, Juthika; Sarma, Rupak K.; Dhandia, Rajashree; Yadav, Archana; Bharali, Rupjyoti; **Gupta, Vijai Kumar**; Saikia, Ratul Scientific reports 2018 / art. 7000, 1 p. <https://doi.org/10.1038/s41598-018-25174-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Erratum: author correction: Insights into the functionality of endophytic actinobacteria with a focus on their biosynthetic potential and secondary metabolites production (Scientific reports (2017) 7 1 (11809))

Passari, Ajit Kumar; Mishra, Vineet Kumar; Singh, Garima; Singh, Pratibha; Kumar, Brijesh; **Gupta, Vijai Kumar**; Sarma, Rupak Kumar; **Saikia, Ratul**; **Donovan, Anthonia O'**; **Singh, Bhim Pratap** Scientific reports 2018 / art. 4650, 1 p. <https://doi.org/10.1038/s41598-018-22947-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Esilinastub dokumentaalfilm "Mõistuse ja käega : 100 aastat innovatsiooni"

Mente et Manu 2018 / lk. 8 https://www.ester.ee/record=b1242496*est

Esilinastus dokumentaalfilm "Mõistuse ja käega : 100 aastat innovatsiooni"

Mente et Manu 2018 / lk. 8 http://www.ester.ee/record=b1242496*est <http://dea.digar.ee/publication/AKmenteetmanu>

Esimene reis heeringapüügilaevaga Atlandile

Olesk, Arvo Meremees. Veeteede Ameti teataja 2018 / lk. 20-21 : fot ; 3, lk. 18-19 : fot <https://issuu.com/ajakirimeremees> http://www.ester.ee/record=b4646644*est https://xn--tt-yka.ee/public/m/mereakadeemia/ajakiri-meremees/Meremees_2018_3-4_VA_Teataja_2018_3-4.pdf

Esimene töökoht : Robert Kitt sattus juba koolipoisina panku

Palmiste, Grete Magnaat : edukate ettevõtjate lood : [Eesti Ekspressi ajakiri] 2018 / lk. 90-91 : fot https://www.ester.ee/record=b5166874*est

Esimesest õppehoonest tervikliku campus'eni

Leivo, Margus Uuele kvaliteedile ja väarikale positsioonile : Tallinna Tehnikaülikool 2000-2015 2018 / lk. 238-244 : ill http://www.ester.ee/record=b4775778*est <https://digi.lib.ttu.ee/i/?10910>

Esitleti kodumaist isejuhtivat autot

Imeline Teadus 2018 / lk. 21 : fot https://www.ester.ee/record=b2747925*est

Essays on education and labour economics = Uurimusi haridus- ja tö jõuökonomikast

Ferraro, Simona 2018 <https://digi.lib.ttu.ee/i/?11004> https://www.ester.ee/record=b5163990*est

Essential English for maritime communication. Hüdograafia alused : [raamatute tutvustus]

Meremees. Veeteede Ameti teataja 2018 / lk. 27 : ill <https://issuu.com/ajakirimeremees> http://www.ester.ee/record=b4646644*est

ESTCube sünnitas värske põlvkonna Eesti kosmosespetsse

Aesma, Madis Meie Eesti. 100 aastat 2018 / lk. 101 : ill

Estimating sparse signals using integrated wideband dictionaries

Butsenko, Maksim; Swärd, Johan; Jakobsson, Andreas IEEE Transactions on Signal Processing 2018 / p. 4170-4181 : ill <https://doi.org/10.1109/TSP.2018.2835426> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Estimation of gap fraction and foliage clumping in forest canopies

Kuusk, Andres; Pisek, Jan; Lang, Mait; **Märdla, Silja** Remote sensing 2018 / art. 1153, 17 p. : ill <https://doi.org/10.3390/rs10071153> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Estimation of power system inertia from ambient wide area measurements

Tuttelberg, Kaur; Kilter, Jako; Wilson, Douglas; Uhlen, Kjetil IEEE transactions on power systems 2018 / p. 7249-7257
<https://doi.org/10.1109/TPWRS.2018.2843381> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Estimation of transmission loss components from phasor measurements

Tuttelberg, Kaur; Kilter, Jako International journal of electrical power & energy systems 2018 / p. 62-71 : ill
<https://doi.org/10.1016/j.ijepes.2017.11.040> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Estonia : [the More-Connect approach]

Kalamees, Targo; Pihelo, Peep; Kuusk, Kalle A Guide into Renovation Package Concepts for Mass Retrofit of Different Types of Buildings with Prefabricated Elements for (N)Zeb Performance 2018 / p. 50-55 : ill [Guide into renovation...](#)

Estonian discussions on economic policy : Republic of Estonia - 100 (24 February 1918). 100 years of the Estonian language national University of Technology in Estonia (17 September 1918) = Estnische Gespräche über Wirtschaftspolitik : Republic Estland - 100 (24. Februar 1918). 100 Jahre von der Gründung der estnischsprachigen nationalen Technische Universität (17. September 1918) = Eesti majanduspoliitilised väitlused : Eesti Vabariik - 100 (24. veebruar 1918). 100 aastat eestikeelset rahvuslikku Tehnikaülikooli Eestis (17. september 1918)
2018 https://www.ester.ee/record=b2280774*est

Estonian Journal of Earth Sciences

2018 <http://www.kirj.ee/10396/> https://www.ester.ee/record=b2246661*est

Estonian Polar Research Committee

Vaikmäe, Rein Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2017 2018 / p. 37-38
https://www.ester.ee/record=b1874722*est

Estonian potential in framework programmes : analysis and policy options : final report [Online resource]

Ukrainski, Kadri; Kanep, Hanna; Hirv, Tanel; Shin, Youjun; **Kirs, Margit; Karo, Erkki** 2018 https://www.etag.ee/wp-content/uploads/2018/03/Estonian-Potential-in-Framework-Programmes_Analysis-and-Policy-Options-1.pdf

Estonian urbanism 1935-1955 : the Soviet-era implementation of pre-war ambitions

Sultson, Siim Planning perspectives 2018 / p. 1-25 : ill <https://doi.org/10.1080/02665433.2017.1348977> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Estonia's digital transformation : Mission mystique and the hiding hand

Kattel, Rainer; Mergel, Ines 2018 https://www.ucl.ac.uk/bartlett/public-purpose/sites/public-purpose/files/iipp-wp-2018-09_estonias_digital_transformation.pdf

Estonie : la diplomatie du marketing national

Polese, Abel; Kerikmäe, Tanel; Seliverstova, Oleksandra De la communication en diplomatie 2018 / p. 64-71
<https://www.cairn.info/revue-hermes-la-revue-2018-2-page-64.htm?contenu=resume>

Et puhast vett jätkuks tulevikus kõigile

Vill, Ants Linnaleht 2018 / lk. 4 : fot https://dea.digar.ee/article/linnaleht/2018/05/04/10.2_Et_puhast_vett_jatkuks_tulevikus_koigile

Ethane-bridged bisporphyrin conformational changes as an effective analytical tool for nonenzymatic detection of urea in the physiological range

Buccolieri, Alessandro; **Hasan, Mohammed**; Bettini, Simona; **Borovkov, Victor** Analytical chemistry 2018 / p. 6952-6958 : ill
<https://doi.org/10.1021/acs.analchem.8b01230> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ettevõtete investeerimismustrid ja roll globaalses väärtusloomes

Männasoo, Kadri; Rungi, Mait; Hein, Heili; Tasane, Helery Riigikogu Toimetised 2018 / lk. 111-124 : ill
https://www.ester.ee/record=b1361123*est <https://rito.riigikogu.ee/>

Ettevõtlikkuse ja ettevõtlusõppe arendamine põhikoolist kõrgkoolini [Võrguteavik]

2018 <http://dx.doi.org/10.12697/issn2346-562X> <https://eha.ut.ee/11/>

Ettevõtlikkuse ja ettevõtlusõppe süsteemne arendamine Eestis

Arro, Grete; Jaani, Juta; Loogma, Krista; Malleus, Elina; Titov, Eneken; **Toding, Martin**; Täks, Marge; **Venesaar, Urve** 2018
https://www.ester.ee/record=b5530632*est https://xn--ettevtluspe-jfbe.ee/wp-content/uploads/2018/12/Raamdokument_web_3.pdf

Ettevõtluse ökosüsteemi kontseptsiooni rakendamine Eestis

Reidolf, Merli; Michelson, Aleksandr; **Rozeik, Helena; Küttim, Merle; Kallaste, Marianne** Riigikogu Toimetised 2018 / lk. 135-146 : tab https://www.ester.ee/record=b1361123*est <https://rito.riigikogu.ee/>

Ettevõtluspädevuse mudel ettevõtlusõppe arendamise alusena

Venesaar, Urve; Täks, Marge; **Toding, Martin** Eesti Haridusteaduste Ajakiri = Estonian Journal of Education 2018 / lk. 118-155 : ill

<https://eha.ut.ee/11/> <https://doi.org/10.12697/eha.2018.6.2.06>

EU enlargement to Austria, Finland, and Sweden

Ramiro Troitino, David MEST journal 2018 / p. 97–104 <http://dx.doi.org/10.12709/mest.06.06.01.11>

.eu regulations under Brexit

Sinisalo, Touko Johannes Baltic journal of European studies 2018 / p. 121-144 : ill

<https://content.sciendo.com/view/journals/bjes/8/2/article-p121.xml> <https://doi.org/10.1515/bjes-2018-0018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

EU-Financed peripheral large-scale infrastructure projects and the white elephant syndrome : the example of Rail Baltica

Veebel, Viljar; Ploom, Illimar; Markus, Raul Romanian journal of European affairs 2018 / p. 113–128

https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3296940 [Journal metrics at Scopus](#) [Article at Scopus](#)

Euler diagrams through the looking glass : from extent to intent

Stapleton, Gem; Moktefi, Amirouche; Howse, John; Burton, Jim Diagrammatic Representation and Inference : 10th International

Conference, Diagrams 2018, Edinburgh, UK, June 18–22, 2018 : proceedings 2018 / p. 365-381 : ill https://doi.org/10.1007/978-3-319-91376-6_34 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Euratom and Brexit : could the United Kingdom maintain one foot in the European Union? Current scenarios and future prospects of British withdrawal from the EAEC

Circolo, Andrea; Hamulak, Ondrej International and comparative law review 2018 / p. 134–151 <https://doi.org/10.2478/iclr-2018-0042>

EUREF2018 sümpoosion Amsterdams

Kollo, Karin; Ellmann, Artu Geodeet 2018 / lk. 61 : fot http://www.ester.ee/record=b1072198*est

Euro-Argo in work and new potential of gliders in the Baltic Sea BOOS [Online resource]

Alenius, Pekka; Tikka, K.; Lips, Urmas; Tuomi, Laura; Purokoski, Tero; Roiha, Petra; Siiriä, S. Operational oceanography serving sustainable marine development : Proceedings of the Eighth EuroGOOS International Conference, 3-5 October 2017, Bergen, Norway 2018 / p. 143-148 : ill <http://eurogoos.eu/download/publications/EuroGOOS-2017-Conference-Proceedings.pdf>

Eurokoodeks 2 [Võrguteavik] : betoonkonstruktsioonide projekteerimine. Osa 4, Kinnituste projekteerimine betooni : Eesti standardi rahvuslik lisa = Eurocode 2 : design of concrete structures. Part 4, Design of fastenings for use in concrete : Estonian national annex

2018 https://www.ester.ee/record=b5168553*est

Eurokoodeks 2 [Võrguteavik] : betoonkonstruktsioonide projekteerimine. Osa 4, Kinnituste projekteerimine betooni = Eurocode 2 : design of concrete structures. Part 4, Design of fastenings for use in concrete

2018 <https://www.evs.ee/tooted/evs-en-1992-4-2018+na-2018>

Eurokoodeks 2 [Võrguteavik] : betoonkonstruktsioonide projekteerimine. Osa 4, Kinnituste projekteerimine betooni = Eurocode 2 : design of concrete structures. Part 4, Design of fastenings for use in concrete

2018 <https://www.evs.ee/tooted/evs-en-1992-4-2018>

Eurokoodeks 3 [Võrguteavik] : teraskonstruktsioonide projekteerimine. Osa 1-6, Koorikkonstruktsioonide tugevus ja stabiilsus = Eurocode 3 : design of steel structures. Part 1-6, Strength and stability of shell structures

2018 https://www.ester.ee/record=b4767167*est

Eurokoodeks 3 [Võrguteavik] : teraskonstruktsioonide projekteerimine. Osa 4-1, Puistemahutid = Eurocode 3 : design of steel structures. Part 4-1, Silos

2018 https://www.ester.ee/record=b4783423*est

Euroopa Liidu tõukefondide perioodi 2007-2013 vahenditest rahastatud valdkondlike teadus- ja arendustegevuse programmide lõpphindamine : Lõpparuanne [Võrguteavik]

Lember, Veiko; Ukrainski, Kadri; Mäekivi, Rauno; Hirv, Tanel; Lukason, Oliver; Kärg, Mihkel 2018 <https://www.etag.ee/wp-content/uploads/2018/04/EL-t%c3%b5ukefondid-2007-13.pdf>

European normative power during Ukrainian-Russian conflict

Veebel, Viljar; Markus, Raul Baltic journal of law & politics 2018 / p. 1-20 <https://doi.org/10.2478/bjlp-2018-0001> [Journal metrics at Scopus](#) [Article at Scopus](#)

The European rating fund

Fischer, Dirk-Hinnerk Journal of Financial Regulation and Compliance 2018 / p. 72-86 <https://doi.org/10.1108/JFRC-12-2016-0107> [Journal metrics at Scopus](#) [Article at Scopus](#)

The European Smart Readiness Indicator (SRI) for buildings - in the making, get involved!

Litiu, Andrei; Derjanecz, Anita; **Kurnitski, Jarek** The REHVA European HVAC journal 2018 / p. 47-52 : ill <https://www.rehva.eu/rehva-journal/detail/06-2018>

The European Union as a trigger of discursive change : the impact of the structural deficit rule in Estonia and Latvia
Raudla, Ringa; Cepilovs, Aleksandrs; Kattel, Rainer; Sutt, Linda Central European journal of public policy 2018 / 15 p : ill
<https://doi.org/10.2478/cejpp-2018-0006> [Journal metrics at Scopus](#) [Article at Scopus](#)

EV 100 teenetemärgid : teenetemärgide saajad
Eesti Päevaleht 2018 / lk. 6-7

EV100 : [fotod Eesti Vabariigi 100. sünnipäevaks peetud aktuselt]
Mente et Manu 2018 / lk. 21 : fot https://www.ttu.ee/ttu-uudised/ajaleht-mente-et-manu/mente-et-manu/http://www.ester.ee/record=b1242496*est

Evaluation of a novel logistics solution for roundwood import
Heljanko, Ekkü; Hilmola, Olli-Pekka Kristian; **Tolli, Andres** World review of intermodal transportation research 2018 / p. 330–350
<https://doi.org/10.1504/WRITR.2018.095261> [Journal metrics at Scopus](#) [Article at Scopus](#)

Evaluation of accounting regulation evolution in selected countries
Subacienne, Rasa; **Alver, Lehte**; Bruna, Inta; Hladika, Mirjana; Mokošova, Daša; Molin, Jan Entrepreneurship and sustainability issues 2018 / p. 139-175 : ill [https://doi.org/10.9770/jesi.2018.6.1\(11\)](https://doi.org/10.9770/jesi.2018.6.1(11)) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An evaluation of boar spermatozoa as a biosensor for the detection of sublethal and lethal toxicity
Castagnoli, Emmanuelle; Salo, Johanna; Toivonen, Matti S.; **Kurnitski, Jarek** Toxins 2018 / art. 463, 15 p. : ill
<https://doi.org/10.3390/toxins10110463> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evaluation of carbon aerogel-based solid-phase extraction sorbent for the analysis of sulfur mustard degradation products in environmental water samples
Jõul, Piia; Vaher, Merike; Kuhtinskaja, Maria Chemosphere 2018 / p. 460–468 <https://doi.org/10.1016/j.chemosphere.2018.01.157>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evaluation of chinese E-commerce cost and lead time performance to Estonia
Hilmola, Olli-Pekka Kristian; Tolli, Andres Quality Innovation Prosperity 2018 / p. 14-26 <https://doi.org/10.12776/QIP.V22I1.1035>
[Journal metrics at Scopus](#) [Article at Scopus](#)

Evaluation of elastic constants in composite laminates with guided wave tomography [Online resource]
Ratassepp, Madis; Rao, Jing; Yu, X.; Fan, Zheng 12th European Conference on Non-destructive Testing : proceedings 2018 / 7 p. : ill <http://cdn.ecndt2018.com/wp-content/uploads/2018/05/ecndt-0597-2018-File001.pdf> <http://www.ecndt2018.com/programme/list-of-authors/>

Evaluation of Haar wavelet method for analysis of functionally graded and nanostructures = Haari lainikute meetodi hindamine funktsionaalgradient- ja nanostruktuuride analüüsiks
Kirs, Maarjus 2018 <https://digi.lib.ttu.ee/ii/?10625> https://www.ester.ee/record=b5151220*est

Evaluation of low power wide area network technologies for smart urban drainage systems
Malik, Hassan; Kändler, Nils; Alam, Muhammad Mahtab; Annus, Ivar; Le Moullec, Yannick; Kuusik, Alar 2018 IEEE : International Conference on Environmental Engineering, March 12-14, 2018 Milan Italy : conference proceedings 2018 / 5 p. : ill
<https://doi.org/10.1109/EE1.2018.8385262>

Evaluation of microalgae production coupled with wastewater treatment
De Francisci, Davide; Su, Yixi; **lital, Arvo**; Angelidaki, Irini Environmental technology 2018 / p. 581–592 : ill
<https://doi.org/10.1080/09593330.2017.1308441> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evaluation of residual stresses in PVD coatings by means of tubular substrate length variation
Lille, Harri; Ryabchikov, Alexander; Kõo, Jakob; **Adoberg, Eron; Mikli, Valdek; Kübarsepp, Jakob; Peetsalu, Priidu** Residual Stresses 2018 ECRS-10 : 10th European Conference on Residual Stresses (ECRS10) : Leuven, Belgium, 11-14th September, 2018 2018 / p. 131-136 : ill <https://doi.org/10.21741/9781945291890-21>

Evaluation of the Component Additive Method until 90 minutes fire exposure
Rauch, Michael; Morelli, Maria Flavia; Wearther, Norman; **Just, Alar** Book of abstracts of the final conference COST FP 1404 "Fire Safe Use of Bio-Based Building Products", Zürich, 1st and 2nd October 2018 2018 / p. 87-90 : ill [Fire Safe Use of Bio-Based Building Product](#)

Evaluation of the limit ice thickness for the hull of various Finnish-Swedish ice class vessels navigating in the Russian Arctic
Kujala, Pentti; **Kõrgesaar, Mihkel**; Kämäräinen, Jorma International journal of naval architecture and ocean engineering 2018 / p.

Evaluation of the potential hazard of lanthanides to freshwater microcrustaceans

Blinova, Irina; Lukjanova, Aljona; **Muna, Marge**; Vija, Heiki; Kahru, Anne Science of the total environment 2018 / p. 1100-1107 : ill <https://doi.org/10.1016/j.scitotenv.2018.06.155> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evaluation of the potential hazard of manufactured metal-based nanomaterials to health of aquatic ecosystems: state of the art

Blinova, Irina; **Muna, Marge**; Lukjanova, Aljona; Kahru, Anne Journal of international scientific publications : ecology & safety 2018 / p. 174-182 : ill <https://www.scientific-publications.net/en/article/1001659/>

Evolution of Dirac cone in disclinated graphene

Rozhkov, M. A.; Kolesnikova, A. L.; **Hussainova, Irina** Reviews on advanced materials science 2018 / p. 137-142 : ill <https://doi.org/10.1515/rams-2018-0057> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Exact parallel critical path fault tracing to speed-up fault simulation in sequential circuits

Kõusaar, Jaak; Ubar, Raimund-Johannes; Kostin, Sergei; Devadze, Sergei; Raik, Jaan International journal of microelectronics and computer science 2018 / p. 9-18 <https://ijmcs.dmc.pl/web/guest/vol.-9-no.-1>
https://ijmcs.dmc.pl/documents/10630/345460/IJMCS_1_2018_2.pdf

Examining the performance of the sentinel-3 coastal altimetry in the Baltic Sea using a regional high-resolution Geoid model

Birgiel, Elzbieta; **Ellmann, Artur; Delpeche-Ellmann, Nicole Camille** 2018 Baltic Geodetic Congress : BGC Geomatics, Olsztyn, Poland, 21-23 June, 2018 : proceedings 2018 / p. 196-201 : ill <https://doi.org/10.1109/BGC-Geomatics.2018.00043>

Examining the role of bottom topography on coastal upwelling jets using a synergy of in-situ, satellite and model data in the Gulf of Finland, Baltic Sea

Delpeche-Ellmann, Nicole Camille; Döös, Kristofer; **Viikmäe, Bert; Soomere, Tarmo** Geophysical research abstracts 2018 / p. EGU2018-15364 <https://meetingorganizer.copernicus.org/EGU2018/EGU2018-15364.pdf>

Exhaust air heat pump connection schemes and balanced heat recovery ventilation effect on district heat energy use and return temperature

Thalfeldt, Martin; Kurnitski, Jarek; Latõšov, Eduard Applied thermal engineering 2018 / p. 402-414 : ill <https://doi.org/10.1016/j.applthermaleng.2017.09.033> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Expanded underwater robotics ready for oil spill

Gilbert, Javier; Lopez-Castejon, F.; Rodríguez de Mesas, C.; **Ernits, Juhan-Peep; Vain, Jüri** Interspill 2018 - London : [proceedings] 2018 / 2 p <http://interspill.org/previous-events/2018/> <http://interspill.org/previous-events/2018/14March2018/3-Situational-Awareness/Expanded-Underwater-Robotics-J-Gilbert-UPCT-Cartagena.pdf>

Expanded underwater robotics ready for oil spills (e-URready4OS)

Gilbert, Javier; Sousa, João; Vukic, Zoran; **Ernits, Juhan-Peep; Vain, Jüri** Marine technology reporter 2018 / p. 24-33 <https://magazines.marinelink.com/Magazines/MarineTechnology/201803/content/expanded-underwater-robotics-535546>

Experience marketing from a teaching and learning perspective [Online resource]

Leppiman, Anu; Riivits-Arkonsuo, Iivi; Kuk, Jana Journal of marketing trends 2018 / p. 113-121 : ill https://marketing-trends-congress.com/sites/default/files/inline-files/JMT%20DEF%202018%20Vol%205_N2_April-min%20%281%29-compressed.pdf

An experiment : using Google Translate and semantic mirrors to create synsets with many lexical units

Lohk, Ahti; Tombak, Mati; Vare, Kadri Proceedings of the 9th Global WordNet Conference : GWC 2018, January 8-12, 2018, Singapore 2018 / p. 328-332 <http://doi.org/10.1109/EmpIRE.2018.00012>

Experimental analysis of combustion characteristics of Estonian oil shale in regular and oxy-fuel atmospheres = Eesti põlevkivi põlemiskarakteristikute eksperimentaalne analüüs tavalises ja oxy-fuel keskkonnas

Loo, Lauri 2018 <https://digi.lib.ttu.ee/ii/?10575> https://www.ester.ee/record=b5151046*est

Experimental analysis of emission efficiency of parallel and serial connected radiators in EN442 test chamber

Võsa, Karl-Villem; Ferrantelli, Andrea; Kull, Tuule Mall; Kurnitski, Jarek Applied thermal engineering 2018 / p. 531-544 : ill <https://doi.org/10.1016/j.applthermaleng.2017.12.109> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Experimental analysis of whistle noise in a particle agglomeration pipe [Online resource]

Zhang, Zhe; **Tiikoja, Heiki**; Abom, Mats; Boden, Hans ASME 2018 Noise Control and Acoustics Division Session presented at INTERNOISE 2018 : August 26-29, 2018, Chicago, IL, USA : [Online proceedings] 2018 / Paper no. NCAD2018-6116, pp. V001T06A002, 8 p. : ill <https://doi.org/10.1115/NCAD2018-6116>

Experimental and numerical assessment of fracture initiation in laser-welded webcore sandwich panels

Kõrgesaar, Mihkel; Romanoff, Jani; Palokangas, Pekka Proceedings of the Eighth International Conference on Thin-Walled Structures, Lisbon, 24-27 July 2018 2018 / [17 p.]

Experimental and numerical penetration response of laser-welded stiffened panels

Kõrgesaar, Mihkel; Romanoff, Jani; Remes, Heikki; Palokangas, Pekka International journal of impact engineering 2018 / p. 78-92 : ill <https://doi.org/10.1016/j.ijimpeng.2017.12.014>

Experimental determination of radiator, underfloor and air heating emission losses due to stratification and operative temperature variations

Maivel, Mikk; Ferrantelli, Andrea; Kurnitski, Jarek Energy and buildings 2018 / p. 220-228 : ill

<https://doi.org/10.1016/j.enbuild.2018.01.061> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Experimental investigation of floating debris impact loading on structures during extreme waves like tsunami

Harish, S.; Sriram, V.; Sundar, V.; Sannasiraj, S.A.; **Didenkulova, Irina** Proceedings of the 28th (2018) International Ocean and Polar Engineering Conference (ISOPE-2018) 2018 / ISOPE-I-18-070, 6 p [Experimental investigation...](#) [Conference proceedings at Scopus](#) [Article at Scopus](#)

Experimental investigation of the high-speed combustion of different oil shales

Maaten, Birgit; Konist, Alar; Siirde, Andres 12th European Symposium on Thermal Analysis and Calorimetry ESTAC 12 : 27-30 August 2018, Brasov, Romania : book of abstracts 2018 / PS2.030, p. 396 <http://estac12.org/download.php?file=/download/BoA%20ESTAC12.pdf>

Experimental measurements of momentum changes at hydraulic jump in a transparent horizontal pipe

Kaur, Katrin; Annus, Ivar; Laanearu, Janek Papers presented at 13th International Conference on Pressure Surges, Bordeaux, France, 14th-16th November, 2018 ; volume 2 2018 / p. 925-935 : ill

Experimental verification of two-stage power converter with current-fed soft-switching front-end for battery storage applications

Kosenko, Roman; Blinov, Andrei; Korkh, Oleksandr 20th European Conference on Power Electronics and Applications (EPE'18 ECCE Europe) : Riga, Latvia, 17-21 September 2018 2018 / p. 1599-1608 : ill <https://ieeexplore.ieee.org/document/8515580>

Experimenting with graded monads: certified grading-based program transformations

Talvik, Tõnn; **Uustalu, Tarmo** 24th International Conference on Types for Proofs and Programs : TYPES 2018, Braga, Portugal, 18-21 June, 2018 : abstracts 2018 / p. 82-83 <https://types2018.proji.eu/book-of-abstracts/>

Expert knowledge elicitation for skill level categorization of attack paths

Mezešova, Terezia; **Bahsi, Hayretidin** Cyber science 2018 : conference programme 2018 / p. 29 <https://www.c-mric.com/wp-content/uploads/2018/04/20180611-Cyber-Science-2018-Event-Brochure-DRAFT-v0.6.pdf>

Exploring the gaps of metacompetencies between entrepreneurs and students

Ustav, Sirje Journal of enterprising culture 2018 / p. 155-183 : ill <http://dx.doi.org/10.1142/S0218495818500061>

Extension of the DSC method to measuring vapor pressures of narrow boiling range oil cuts = DSC meetodi arendamine õlide kitsaste keemistemperatuuri vahemikega fraktsioonide aururõhu mõõtmiseks

Siitsman, Carmen 2018 <https://digi.lib.ttu.ee/i/?10063> https://www.ester.ee/record=b5144509*est

Extension of the DSC method to measuring vapor pressures of narrow boiling range oil cuts [Online resource]

Siitsman, Carmen; Oja, Vahur Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p <http://fntdk.ut.ee/teesid-2018/>

Extraction and analysis of bioactive compounds from Dipsacus fullonum and Galium verum for Lyme borreliosis treatment

Kuhtinskaja, Maria; Vaher, Merike Biomedical journal of scientific & technical research 2018 / p. 8614-8616 : ill <http://doi.org/10.26717/BJSTR.2018.11.002121>

Fabrication of Cu-W nanocomposites by integration of self-propagating high-temperature synthesis and hot explosive consolidation technologies

Aydinyan, Sofiya; Kirakosyan, Hasmik; Zakaryan, Marieta Eurasian chemico-technological journal 2018 / p. 301-309 : ill <https://doi.org/10.18321/ectj763>

Facade-floor-cluster methodology for determining optimal building clusters for solar access and floor plan layout in urban environments

De Luca, Francesco; Nejur, Andrei; Dogan, Timur eCAADe 2018 : Computing for a better tomorrow : proceedings of the 36th International Conference on Education and Research in Computer Aided Architectural Design in Europe : 19th-21st September 2018, Łódź, Poland, Faculty of Civil Engineering, Architecture and Environmental Engineering, Lodz University of Technology ; Vol. 2 2018 / p. 585-594 <https://doi.org/10.52842/conf.ecaade.2018.2.585> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Facile preparation of nitrogen and sulfur co-doped graphene-based aerogel for simultaneous removal of Cd²⁺ and organic dyes

Kong, Qiaoping; Wei, Chaohai; **Preis, Sergei**; Hu, Yun; Wang, Feng Environmental science and pollution research 2018 / p. 21164–21175 : ill <https://doi.org/10.1007/s11356-018-2195-8> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Fair and individualized project teamwork evaluation for an engineering course

Robal, Tarmo EAEEIE 2018 : 28th EAEEIE Annual Conference (EAEEIE), September 26th to 28th, 2018 2018 / 9 p. : ill <http://doi.org/10.1109/EAEEIE.2018.8534256>

Fall detection and activity recognition system for usage in smart work-wear [Online resource]

Leier, Mairo; Jervan, Gert; Allik, Ardo; Pilt, Kristjan; Karai, Deniss; Fridolin, Ivo BEC 2018 : 2018 16th Biennial Baltic Electronics Conference (BEC) : proceedings of the 16th Biennial Baltic Electronics Conference, October 8-10, 2018 2018 / 4 p.: ill <https://doi.org/10.1109/BEC.2018.8600959>

Fall-off times of gypsum boards

Kraudok, Kairit; **Mäger, Katrin Nele; Just, Alar** Book of abstracts of the final conference COST FP 1404 "Fire Safe Use of Bio-Based Building Products", Zürich, 1st and 2nd October 2018 2018 / p. 83-86 : ill [Fire Safe Use of Bio-Based Building Product](#)

Familial hypercholesterolemia management tool in the North Estonia Medical Centre

Heinsar, Silver; **Viigimaa, Margus** 7th Baltic Atherosclerosis Society Congress : [abstracts] 2018 / p. 34, 37 http://www.ester.ee/record=b4819912*est

Farey jadad ja Minkowski ?-funktsioon

Leibak, Alar Aastaraamat 2017 / Eesti Matemaatika Selts 2018 / lk. 31-37 https://www.ester.ee/record=b1226018*est

Fast identification of true critical paths in sequential circuits

Ubar, Raimund-Johannes; Kostin, Sergei; Jenihhin, Maksim; Raik, Jaan; Jürimägi, Lembit Microelectronics reliability 2018 / p. 252-261 : ill <https://doi.org/10.1016/j.microrel.2017.11.027> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Fast precise eddy current measurement of metals

Märtens, Olev; Land, Raul; Min, Mart; Rist, Marek; Annus, Paul; Pokatilov, Andrei 2018 IEEE International Instrumentation and Measurement Technology Conference (I2MTC 2018) : proceedings 2018 / 5 p. : ill <https://doi.org/10.1109/I2MTC.2018.8409781>

Faster learning in troubled times : how market conditions affect the disposition effect

Muhl, Stefan; **Talpsepp, Tõnn** The quarterly review of economics and finance 2018 / p. 226-236 : ill <https://doi.org/10.1016/j.qref.2017.08.002> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Fault analysis and field experiences of central inverter based 2 MW PV plant

Dumnic, Boris; **Liivik, Elizaveta**; Milicevic, Dragan 2018 20th European Conference on Power Electronics and Applications (EPE'18 ECCE Europe) : Riga, Latvia, 17-21 September 2018 2018 / p. 2281-2290 : ill <https://ieeexplore.ieee.org/document/8515423>

Feasibility of thermal energy storage integration into biomass CHP-based district heating system

Volkova, Anna; Latõšov, Eduard; Andrijaškin, Maksim; Siirde, Andres Chemical engineering transactions 2018 / p. 499-504 : ill <https://doi.org/10.3303/CET1870084> Journal metrics at Scopus Article at Scopus

Ferritic chromium steel as binder metal for WC cemented carbides

Tarraste, Marek; Kübarsepp, Jakob; Juhani, Kristjan; Mere, Arvo; Kolnes, Märt; Viljus, Mart; Maaten, Birgit International journal of refractory metals and hard materials 2018 / p. 183-191 : ill <https://doi.org/10.1016/j.jrmhm.2018.02.010> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

FerryBoxes within Europe : state-of-the-art and integration in the European Ocean Observation System (EOOS) [Online resource]

Petersen, W.; Colijn, F.; Gorringer, P.; Kaitala, S.; Karlson, B.; King, A.; **Lips, Urmas** Operational oceanography serving sustainable marine development : proceedings of the Eighth EuroGOOS International Conference, 3-5 October 2017, Bergen, Norway 2018 / p. 63-70 : ill <http://eurogoos.eu/download/publications/EuroGOOS-2017-Conference-Proceedings.pdf>

Fibrous alumina-based Ni-CeO₂ catalyst : synthesis, structure and properties in propane pre-reforming

Potemkin, D. I.; **Aghayan, Marina; Kamboj, Nikhil Kumar; Hussainova, Irina** Materials letters 2018 / p. 35-37 : ill <https://doi.org/10.1016/j.matlet.2017.12.039> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

50 Hz magnetic field affects heart rate variability - an experimental study

Koppel, Tarmo; Vilcane, Inese; Ahonen, Mikko 2018 EMF-Med 1st World Conference on Biomedical Applications of Electromagnetic Fields (EMF-Med), 10-13 Sept. 2018 2018 / p. 91-92 <https://ieeexplore.ieee.org/stamp/stamp.jsp?>

Filosooia mõju filosoofile. Mihhail Makarovi juhtum

Pevkur, Aive Abstracts = Abstraktid 2018 / lk. 14 <https://www.tlu.ee/sites/default/files/Konverentsikeskus/Abstracts.pdf>

Financial variables influencing the performance of refined crude oil products at North-West European cargo markets

Gurvitš, Natalja; Strouhal, Jiri; **Saia, Artjom**; Sidorova, Inna Journal of international studies 2018 / p. 250-266 : ill

<https://doi.org/10.14254/2071-8330.2018/11-2/17> [Journal metrics at Scopus](#) [Article at Scopus](#)

Finding the best fitting solutions for wastewater management in Baltic Sea Region villages (VillageWaters) [Online resource]

Dulova, Niina; Räsänen, Kati; Vorne, V. 19th European Meeting on Environmental Chemistry : 3 - 6 december 2018 Royat - France : programm book 2018 / p. 109 : ill https://emec19.sciencesconf.org/data/pages/EMEC_19_Book_of_abstract.pdf

Fire design of CLT in Europe

Östman, Birgit; Schmid, Joachim; Klippel, Michael; **Just, Alar**; Werther, Norman; Brandon, Daniel Wood and Fiber Science 2018 / p. 68-82 <https://doi.org/10.22382/wfs-2018-041> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fire perfomance of CLT – a task group report of COST Action FP1404

Klippel, Michael; Schmid, Joachim; Werther, Norman; **Just, Alar** Fire performance of CLT – A Task Group Report of COST Action FP1404 2018 / p. 65-71 [Fire Safe Use of Bio-Based Building Product](#)

Fire resistance of timber frame assemblies with cavities partially filled by insulation materials [Online resource]

Tiso, Mattia; **Just, Alar** Structures in Fire, SiF'2018 : 10th International Conference on Structures in Fire 2018 / p. 233-240 : ill <http://www.structuresinfire.com/corpo/conferences/sif18.pdf>

Fire safety of historic timber buildings with traditional plasters in Europe

Liblik, Johanna; Küppers, Judith; **Just, Alar** WCTE 2018 - World Conference on Timber Engineering 2018 [Fire safety...](#)

Fire separating function of wood-based materials

Mäger, Katrin Nele; Werther, Norman; **Just, Alar**; Frangi, Andrea Book of abstracts of the final conference COST FP 1404 "Fire Safe Use of Bio-Based Building Products", Zürich, 1st and 2nd October 2018 2018 / p. 31-35 : ill [Fire Safe Use of Bio-Based Building Product](#)

The first attempts to unify Europe for specific purposes and British flexibility

Kerikmäe, Tanel; **Chochia, Archil**; **Ramiro Troitino, David**; Hrebickova, Andrea Brexit : history, reasoning and perspectives 2018 / p. 21-32 https://doi.org/10.1007/978-3-319-73414-9_2

First description of rare Teichichnus burrows from carbonate rocks of the Lower Paleozoic of Estonia

Vinn, Olev; **Toom, Ursula** Carnets de geologie 2018 / p. 305-312 : ill <https://doi.org/10.4267/2042/68550> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

First European and Pan-European integration efforts and British reluctance

Ramiro Troitino, David; **Kerikmäe, Tanel**; **Chochia, Archil**; Hrebickova, Andrea Brexit : history, reasoning and perspectives 2018 / p. 3-20 https://doi.org/10.1007/978-3-319-73414-9_1

The first European community and the British position

Chochia, Archil; **Kerikmäe, Tanel**; Shumilo, Olga; Lindstrom, Nicole Brexit : history, reasoning and perspectives 2018 / p. 59-81 https://doi.org/10.1007/978-3-319-73414-9_4

First European physics olympiad - short and challenging problems

Heidelberg, Mihkel; Vigh, Mate; **Kalda, Jaan** European journal of physics 2018 / 16 p.: ill <https://doi.org/10.1088/1361-6404/aab59f> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fiscal consolidation in Europe : has it worked?

Cuestas, Juan Carlos; Ordóñez, Javier Applied Economics Letters 2018 / p. 1179 - 1182

<https://doi.org/10.1080/13504851.2017.1406650> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fiscal policy learning from crisis : comparative analysis of the Baltic countries

Raudla, Ringa; **Cepilovs, Aleksandrs**; Kuokštis, Vytautas; **Kattel, Rainer** Journal of comparative policy analysis : research and practice 2018 / p. 288–303 : tab <https://doi.org/10.1080/13876988.2016.1244947> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fish fauna and fisheries of large European rivers: examples from the Volga and the Danube

Schletterer, Martin; Kuzovlev, Vyacheslav V.; Zhenikov, Yuri N.; **Tuhtan, Jeffrey Andrew** Hydrobiologia 2018 / p. 45-60 : ill <https://doi.org/10.1007/s10750-017-3370-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Flash points of gasoline from Kukersite oil shale : prediction from vapor pressure

Rannaveski, Rivo; Listak, Madis Agronomy research 2018 / p. 1218-1227 : ill <https://doi.org/10.15159/AR.18.025> [Journal metrics at Scopus](#) [Article at Scopus](#)

Flash points of gasoline from Kukersite oil shale : prediction from vapor pressure [Online resource]

Rannaveski, Rivo; Listak, Madis 9th International Conference "Biosystems Engineering 2018": 9–11 May, 2018, Estonia, Tartu : book of abstracts 2018 / p. 160 http://bse.emu.ee/wp-content/uploads/2018/10/ABS_2018_Book_VV.pdf

Flexible inductive coils for wearable cardiorespiratory activity monitoring [Online resource]

Metshein, Margus; Annus, Paul; Min, Mart BEC 2018 : 2018 16th Biennial Baltic Electronics Conference (BEC) : proceedings of the 16th Biennial Baltic Electronics Conference, October 8-10, 2018 2018 / 4 p. : ill <https://doi.org/10.1109/BEC.2018.8600990>

Fluidized bed pyrolysis as a new approach for shale oil production

Pikkor, Heliis; Siirde, Andres 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 277-279 : ill http://ise.elnet.ee/record=b2950220~S2*est

Flux-weakening control for IPMSM employing model order reduction

Far, Mehrnaz Farzam; Mustafa, Bilal; Martin, Florian; Rasilo, Paavo; **Belahcen, Anouar** 2018 XIII International Conference on Electrical Machines (ICEM 2018) : Alexandroupoli, Greece, 3-6 September 2018 2018 / p. 1510–1516 : ill <http://doi.org/10.1109/ICELMACH.2018.8506693>

FOPID controllers and their industrial applications: a survey of recent results

Tepljakov, Aleksei; Alagoz, Baris Baykant; Petlenkov, Eduard IFAC-PapersOnLine 2018 / p. 25-30 <https://doi.org/10.1016/j.ifacol.2018.06.014> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Forcing Russia to respect Minsk protocols with dollar auction-game model

Veebel, Viljar; **Markus, Raul** Journal of International Studies 2018 / p. 9-20 <https://doi.org/10.14254/2071-8330.2018/11-3/1> [Journal metrics at Scopus](#) [Article at Scopus](#)

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 2018 / p. 97-118 : ill https://www.ester.ee/record=b5745682*est

Foreword

Soomere, Tarmo Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2017 2018 / p. 5-6 https://www.ester.ee/record=b1874722*est

Foreword

Öpik, Andres Proceedings of the Estonian Academy of Sciences 2018 / p. 115–116 http://www.kirj.ee/public/proceedings_pdf/2018/issue_2/proc-2018-2-115-116.pdf [Journal metrics at Scopus](#) [Article at Scopus](#)

Fossilisation by Mg-calcite: mineralized microbes in methane-derived carbonates from the Vestnesa Ridge, off western Svalbard

Himmler, Tobias; Wirth, Richard; **Martma, Tõnu**; Bohrmann, Gerhard; Bünz, Stefan; Knies, Jochen; **Lepland, Aivo** Geophysical research abstracts 2018 / p. EGU2018-14291 <https://meetingorganizer.copernicus.org/EGU2018/EGU2018-14291.pdf>

Fotojaht talurahvale = Photographing common Estonians in the countryside

Liibek, Tõnis Johannes Pääsuke : inimesed ja rõivad läbi kaamerasilma = People and clothing through the lens of his camera 2018 / lk. 9-21 : fot https://www.ester.ee/record=b5173024*est

Foundation of project interdependencies : perspective of organizational theories

Rungi, Mait 2018 IEEE International Conference on Industrial Engineering and Engineering Management (IEEM 2018) : Bangkok, Thailand, 16-19 December 2018 2018 / p. 366-370 <https://doi.org/10.1109/IEEM.2018.8607453>

Free vibration analysis of a functionally graded material beam : evaluation of the Haar wavelet method

Kirs, Maarjus; Karjust, Kristo; Aziz, Imran; Õunapuu, Erko; Tungel, Ernst Proceedings of the Estonian Academy of Sciences 2018 / p. 1-9 : ill <https://doi.org/10.3176/proc.2017.4.01> http://www.ester.ee/record=b2355998*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Freely combining partial knowledge in multiple dimensions (extended abstract)

Draheim, Dirk Future Data and Security Engineering : 5th International Conference, FDSE 2018, Ho Chi Minh City, Vietnam, November 28–30, 2018, Proceedings 2018 / p. 3-11 https://doi.org/10.1007/978-3-030-03192-3_1 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Frege and Peirce on the signs of generality

Pietarinen, Ahti-Veikko; Bellucci, Francesco 6th World Congress and School on Universal Logic, UNILOG'2018, June 16–26, 2018 2018 / p. 266-268 : ill <http://www.uni-log.org/pro2018/HANDBOOK-UNILOG2018.pdf>

Friction studies of metal surfaces with various 3D printed patterns tested in dry sliding conditions

Holovenko, Yaroslav; **Antonov, Maksim; Kollo, Lauri; Hussainova, Irina** Proceedings of the Institution of Mechanical Engineers. Part J, Journal of engineering tribology 2018 / p. 43-53 <https://doi.org/10.1177/1350650117738920> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

From legislative shortcomings towards better human rights protection — analysis of legislation on the emergency medical services in Finland and Estonia

Uusitalo, Jenna European journal of health law 2018 / p. 389-406 <https://doi.org/10.1163/15718093-12540387>

From microbial eukaryotes to metazoan vertebrates : Wide spectrum paleo diversity in sedimentary ancient DNA over the last ~14,500 years

Kisand, Veljo; Talas, Liisi; Kisand, Anu; Stivrinš, Normunds; **Reitalu, Triin; Alliksaar, Tiit; Vassiljev, Jüri; Liiv, Merlin; Heinsalu, Atko; Seppä, Heikki; Veski, Siim** Geobiology 2018 / p. 628-639 : ill <https://doi.org/10.1111/gbi.12307> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

From RTL liveness assertions to cost-effective hardware checkers

Hariharan, Ranganathan; Ghasempouri, Tara; Niazmand, Behrad; Raik, Jaan XXXIII Conference on Design of Circuits and Integrated Systems (DCIS) : proceedings 2018 / 6 p. : ill <https://doi.org/10.1109/DCIS.2018.8681487>

Fuel economy regression analyses for hybrid electric vehicle

Vu, Trieu Minh; Moezzi, Reza; Owe, Israel European journal of electrical engineering 2018 / p. 363-377 <https://doi.org/10.3166/ejee.20.363-377> [Journal metrics at Scopus](#) [Article at Scopus](#)

Full field computing for elastic pulse dispersion in inhomogeneous bars

Berezovski, Arkadi; Kolman, Radek; Berezovski, Mihail; Gabriel, Dusan; Adamek, V. Composite structures 2018 / p. 388-394 : ill <https://doi.org/10.1016/j.compstruct.2018.07.055> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A fully differential, 200MHz, programmable gain, level-shifting, hybrid amplifier/power combiner/test buffer, using pre-distortion for enhanced linearity

Kampus, Vahur; Rang, Toomas; Knaller, Daniel PRIME 2018 : 14th Conference on PhD Research in Microelectronics and Electronics 2018 / p. 5-8 : ill <https://doi.org/10.1109/PRIME.2018.8430372>

Functional analysis of ice-binding proteins and practical application in ice cream = Jäaga seonduvate valkude funktsionaalne analüüs ja kasutamine jäätises

Kaleda, Aleksei 2018 <https://digi.lib.ttu.ee/i/?11144> https://www.ester.ee/record=b5172715*est

Fungal networks and orchid distribution: new insights from above- and below-ground analyses of fungal communities

Pecoraro, Lorenzo; Caruso, Tancredi; Cai, Lei; **Gupta, Vijai Kumar**; Liu, Zhong-Jian IMA Fungus 2018 / p. 45-66 <https://doi.org/10.5598/IMAFUNGUS.2018.09.01.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fuzzy AHP as a tool for prioritization of key performance indicators

Kaganski, Sergei; Majak, Jüri; Karjust, Kristo Procedia CIRP 2018 / p. 1227-1232 : ill <https://doi.org/10.1016/j.procir.2018.03.097> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Fuzzy logic control for a ball and beam system

Moezzi, Reza; Vu, Trieu Minh; Tamre, Mart International Journal of Innovative Technology and Interdisciplinary Sciences : IJTIS 2018 / p. 39-48 : ill <https://doi.org/10.1515/IJTIS.2018.1.1.39-48>

Fööniksina tuhost : TTÜ renoveeris oma vana pereühiselamu liginullenergiahooneks

100 aastat Eestit ja ettevõtlust 2018 / lk. 7

Füüsika : 8. klass

Pärtel, Enn; **Loide, Rein-Karl** 2018 https://www.ester.ee/record=b5181428*est

Füüsikaline okeanograafia. Läänemeri

Elken, Jüri; Lips, Urmas; Keevallik, Sirje; Lips, Inga; Raudsepp, Urmas 2018 https://www.ester.ee/record=b5158569*est

Gait analysis based approach for Parkinson's disease modeling with decision tree classifiers

Krajuškina, Anna; Nömm, Sven; Toomela, Aaro 2018 IEEE International Conference on Systems, Man, and Cybernetics : SMC 2018, 7-10 October 2018 Miyazaki, Japan 2018 / p. 3720-3725 : ill <https://doi.org/10.1109/SMC.2018.00630>

Gamma graph calculi for modal logics

Ma, Minghui; Pietarinen, Ahti-Veikko Synthese 2018 / p. 3621–3650 : ill <https://doi.org/10.1007/s11229-017-1390-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Gaps in European Cyber Education and Professional Training WG5 I Education : training, awareness, cyber ranges [Online resource]

Maennel, Olaf Manuel; Csaba, Virag 2018 <https://www.ecs-org.eu/documents/publications/5bf7e01bf3ed0.pdf>

Gas sensing capability of spray deposited Al-doped ZnO thin films

Eensalu, Jako Siim; Katerski, Atanas; Mere, Arvo; Krunks, Malle Proceedings of the Estonian Academy of Sciences 2018 / p. 124–130 : ill <https://doi.org/10.3176/proc.2018.2.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Gas sensing capability of spray deposited Al-doped ZnO thin films [Online resource]

Eensalu, Jako Siim; Katerski, Atanas; Mere, Arvo; Krunks, Malle Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p <http://fntdk.ut.ee/teesid-2018/>

GDPR : implementation of human rights standards in busines

Kerikmäe, Tanel Programme : II-nd Kharkiv International Legal Forum, 25–28 September, 2018 2018 / p. 44 <https://legalforum.nlu.edu.ua/2018/en/program/>

Gender, academic abilities and postsecondary educational choices

Vaarmets, Tarvo Journal of applied research in education 2018 / p. 380-398 : tab <https://doi.org/10.1108/JARHE-12-2017-0155> [Journal metrics at Scopus](#) [Article at Scopus](#)

General Assembly on 6 December 2017 : summary of the activities in 2017

Soomere, Tarmo Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2017 2018 / p. 92-95 https://www.ester.ee/record=b1874722*est

General Assembly on 19 April 2017 : activities of the academy in 2016

Soomere, Tarmo Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2017 2018 / p. 83-89 https://www.ester.ee/record=b1874722*est

General Assembly on 19 April 2017 : closing remarks

Soomere, Tarmo Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2017 2018 / p. 90-92 https://www.ester.ee/record=b1874722*es

General Assembly on 19 April 2017 : opning address

Soomere, Tarmo Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2017 2018 / p. 80-82 https://www.ester.ee/record=b1874722*est

Generic federated OOP architecture (3rd version) : The Once-Only Principle Project [Online resource]

Grandry, Eric; Fieten, Sander; Tepandi, Jaak; Täks, Ermo 2018 http://toop.eu/sites/default/files/D23_Generic_Federated_OOP_Architecture_3rd_version.pdf

Genetische Analysen von Fischbeständen: Populationsgenetik und eDNA

Weiss, Steven; Deiner, Kristy; Tuhtan, Jeffrey Andrew; Gumpinger, Clemens; Schletterer, Martin Wasserwirtschaft 2018 / S. 22-29 : ill <https://www.springerprofessional.de/genetische-analysen-von-fischbestaenden-populationsgenetik-und-e/15499156> <https://doi.org/10.1007/s35147-018-0008-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Geodeesiakonverentsid Põhjamaades 2018. aastal

Varbla, Sander; Ellmann, Artu Geodeet 2018 / lk. 62-64 : fot http://www.ester.ee/record=b1072198*est

Geodeetilised mõõtmised Struve Meridiaanikaare Simuna-Võivere Baasjoonel ja Tartu Tähetornis

Kollo, Karin; Randjärv, Jüri; Koobak, Johanna Geodeet 2018 / lk. 27-32 : fot http://www.ester.ee/record=b1072198*est

Georges Frédéric Parrot and his friendship with two great men - the French scientist Georges Cuvier and Emperor Alexander I of Russia

Tohvri, Epi Acta Baltica historiae et philosophiae scientiarum 2018 / p. 5-30 : ill <https://doi.org/10.11590/abhps.2018.2.01> [Journal metrics at Scopus](#) [Article at Scopus](#)

Georges Frédéric Parrot' visioon valgustusajastu ülikooli uuest struktuurist Tartu ülikoolis 19. sajandi alguses

Tohvri, Epi Uutmoodi ja paremini : ühiskondlikest muutustest 18. sajandil ja 19. sajandi algul 2018 / lk. 227-260 https://www.ester.ee/record=b5194451*est

GIS-based optimisation for district heating network planning

Tšitšerin, Stanislav; **Volkova, Anna; Latõšov, Eduard** Energy procedia 2018 / p. 635-641 : ill
<https://doi.org/10.1016/j.egypro.2018.08.228> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Good traditions deserve to be continued and supported

Kaljo, Dimitri Estonian journal of earth sciences 2018 / p. 1-2 : phot http://www.ester.ee/record=b2246661*est

The governance of safety and security risks in connected healthcare

Skierka-Canton, Isabel Living in the Internet of Things : Cybersecurity of the IoT - 2018, London 2018 / 12 p
<https://doi.org/10.1049/cp.2018.0002>

Graphene-augmented nanofiber scaffolds trigger gene expression switching of four cancer cell types

Kazantseva, Jekaterina; **Ivanov, Roman**; Gasik, Michael; Neuman, Toomas; **Hussainova, Irina** ACS biomaterials science & engineering 2018 / p. 1622-1629 : ill <https://doi.org/10.1021/acsbiomaterials.8b00228> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

GrassPlot - a database of multi-scale plant diversity in Palaearctic grasslands

Reitalu, Triin; Dengler, Jürgen; Wagner, Viktoria; Pärtel, Meelis; Helm, Aveliina; Ingerpuu, Nele Phytocoenologia 2018 / p. 331-347
<https://doi.org/10.1127/phyto/2018/0267> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Green profiling of aprotic versus protic ionic liquids : synthesis and microbial toxicity of analogous structures

Reid, Joshua E.S.J.; Prydderch, Hannah; Spulak, Marcel; Shimizu, Seishi; Walker, Adam J.; **Gathergood, Nicholas** Sustainable Chemistry and Pharmacy 2018 / p. 17-26 <https://doi.org/10.1016/j.scp.2017.11.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A greener approach to hydrolyse ionic liquids

Sudheer, Surya; Raba, Grete; Kapitanov, Illia; Karpichev, Yevgen; Vilu, Raivo; Gupta, Vijai Kumar; Gathergood, Nicholas Basic & Clinical Pharmacology & Toxicology 2018 International Conference on Biotechnology and Bioengineering (ICBB2018) : 24-26 October 2018, Budapest, Hungary 2018 / p. 21 <https://doi.org/10.1111/bcpt.13165>

Greibi tarbimine koos teatud ravimitega võib halvasti lõppeda

Liebert, Tiit Postimees 2018 / Tervis, lk. 4 <https://tervis.postimees.ee/6457089/toitumisteadlane-hoiatab-greibi-tarbimine-koos-teatud-ravimitega-voib-halvasti-loppeda>

Grey box identification of fractional-order system models from frequency domain data

Tepljakov, Aleksei; Petlenkov, Eduard; Belikov, Juri 41th International Conference on Telecommunications and Signal Processing : July 4-6, 2018, Athens, Greece : proceedings 2018 / p. 319-322 : ill <https://doi.org/10.1109/TSP.2018.8441247>

Grid-connected buck-boost inverter based on unfolding circuit

Matiushkin, Oleksandr; Husev, Oleksandr; Vinnikov, Dmitri; Gordienko, Vyacheslav 59th Annual International Scientific Conference on Power and Electrical Engineering : November 12, 13, 2018, Riga Technical University (RTUON) : conference proceedings 2018 / 6 p. : ill <https://doi.org/10.1109/RTUON.2018.8659824>

Guest editorial: Energetically and ecologically sustainable, affordable and healthy built environment

Lill, Irene International journal of strategic property management 2018 / p. 234-235 <https://doi.org/10.3846/ijspm.2018.3687>
https://www.ester.ee/record=b2509383*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Guidance Documents for Fire Design of Timber Structures produced in WG2 of COST ACTION FP 1404

Klippel, Michael; **Just, Alar** Book of abstracts of the final conference COST FP 1404 "Fire Safe Use of Bio-Based Building Products", Zürich, 1st and 2nd October 2018 2018 / p. 57-59 [Fire Safe Use of Bio-Based Building Product](#)

Guidance for implementation of materials and products in fire design methods of timber frame assemblies : COST Action FP1404 : Version 1

2018 [Guidance for implementation...](#)

Guidance on Fire design of CLT including best practise, COST Action FP1404 : version 2018 [Online resource]

2018 [Guidance on Fire design of CLT including best practise](#)

A Guide into Renovation Package Concepts for Mass Retrofit of Different Types of Buildings with Prefabricated Elements for (N)Zeb Performance [Online resource]

Rovers, Ronald; Kuusk, Kalle; Pihelo, Peep; Kalamees, Targo 2018 [A Guide into Renovation Package Concepts for Mass Retrofit of Different Types of Buildings with Prefabricated Elements for \(N\)Zeb Performance](#)

Guideliner : a tool to improve Web UI development for better usability

Marenkov, Jevgeni; Robal, Tarmo; Kalja, Ahto WIMS 2018 : 8th International Conference on Web Intelligence, Mining and Semantics, June 25–27 2018, Novi Sad, Serbia : proceedings 2018 / art. 17, 9 p. : ill <https://doi.org/10.1145/3227609.3227667>
[Conference proceedings at Scopus](#) [Article at Scopus](#)

Gunshot acoustic event identification and shooter localization in a WSN of asynchronous multichannel acoustic ground sensors

Astapov, Sergei; Berdnikova, Julia; Ehala, Johannes; Kaugerand, Jaanus; Preden, Jürjo-Sören Multidimensional systems and signal processing 2018 / p. 563-595 : ill <https://doi.org/10.1007/s11045-017-0479-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hageri kihelkond : aja lood

2018 https://www.ester.ee/record=b5141071*est

Halogen chemistry and hydrogen isotopes of apatite from the >3.7 Ga Isua supracrustal belt, SW Greenland

Wudarska, Alicja; Wiedenbeck, Michael; Slaby, Ewa; Lepland, Aivo Precambrian research 2018 / p. 153-164 : ill <https://doi.org/10.1016/j.precamres.2018.02.021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Halotriazolium salts as organocatalysts in aza-Diels-Alder reaction [Online resource]

Kaasik, Mikk; Kriis, Kadri; Kanger, Tõnis Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p <http://fntdk.ut.ee/teesid-2018/>

Handling of SETs on NoC links by exploitation of inherent redundancy in circular input buffers [Online resource]

Janson, Karl; Pihlak, Rene; Azad, Siavoosh Payandeh; Niazmand, Behrad; Jervan, Gert; Raik, Jaan BEC 2018 : 2018 16th Biennial Baltic Electronics Conference (BEC) : proceedings of the 16th Biennial Baltic Electronics Conference, October 8-10, 2018 2018 / 4 p.: ill <https://doi.org/10.1109/BEC.2018.8600989>

Hannover Messe 4.0

Läll, Karl Studioosus 2018 / lk. 16-17 https://www.ester.ee/record=b1558644*est

Harald Keres - teaduse südametunnistus

Engelbrecht, Jüri Eesti teaduse 100 aastat 2018 / lk. 138-141 : portr

Haridus, mis töötab!

Roosileht, Mare Mente et Manu 2018 / lk. 54-56 : fot https://ttu.ee/public/m/mente-et-manu/MM_02_2018/mobile/index.html#p=6 http://www.ester.ee/record=b1242496*est <http://dea.digar.ee/publication/AKmenteetmanu> https://artiklid.elnet.ee/record=b2862665*est

Haridusministeeriumi sajand : 1918–2018

2018 https://www.ester.ee/record=b5170040*est

Haridusteaduse seis : tunneli otsast paistavad päikesekiired

Soomere, Tarmo Õpetajate Leht 2018 / fot <https://opleht.ee/2018/12/haridusteaduse-seis-tunneli-otsast-paistavad-paikesekiired/>

Harju Elekter and engineering education

Harju Elekter - a half-century at the top 2018 / lk. 75-81 : ill https://www.ester.ee/record=b5177506*est

Harju Elekter ja inseneriharidus

Harju Elekter - pool sajandit tipus 2018 / lk. 75-81 : ill https://www.ester.ee/record=b5177505*est

Harmful substances in wastewater, possible technical solutions for their removal = Ohtlikud ained reovees, võimalikud tehnilised lahendused nende eemaldamiseks

Lember, Erki 2018 <https://digi.lib.ttu.ee/i/?11026> https://www.ester.ee/record=b5163600*est

Harmonic currents and voltages in industrial LV networks - case studies

Vinnal, Toomas; Kütt, Lauri; Jarkovoi, Marek 2018 International Symposium on Power Electronics, Electrical Drives, Automation and Motion (SPEEDAM 2018) : Amalfi, Italy, 20-22 June 2018 2018 / p. 177-182 : ill <https://doi.org/10.1109/SPEEDAM.2018.8445234>

Harmonic currents and voltages in LV networks of Estonia : measurement results, case studies

Vinnal, Toomas; Jarkovoi, Marek; Kütt, Lauri 59th Annual International Scientific Conference on Power and Electrical Engineering : November 12, 13, 2018, Riga Technical University (RTUCON) : conference proceedings 2018 / 7 p. : ill <https://doi.org/10.1109/RTUCON.2018.8659875>

Harmonic emissions of power electronic devices under different transmission network operating conditions

Božicek, Ambrož; Kilter, Jako; Sarnet, Tanel; Papic, Igor; Blažis, Boštjan IEEE transactions on industry applications 2018 / p. 5216-5226 : ill <https://doi.org/10.1109/TIA.2018.2808478> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Harmonic spectrum analysis of induction motor with broken rotor bar fault

Asad, Bilal; Vaimann, Toomas; Kallaste, Ants; Belahcen, Anouar 59th Annual International Scientific Conference on Power and Electrical Engineering : November 12, 13, 2018, Riga Technical University (RTUCON) : conference proceedings 2018 / 7 p. : ill

Health Calendar ('Tervisekalender') to help employers develop healthy lifestyles and a positive safety culture, as well as to ensure employees' well-being at work - Estonia : Good example 9

Järvis, Marina; Woolfson, Charles Alexander; Luuk, Külli Safety and health in micro and small enterprises in the EU: from policy to practice : description of good examples 2018 / p. 65-68 <http://dx.doi.org/10.2802/270452>

Heavy metals removal in biological wastewater treatment dependent on process parameters

Lember, Erki; Pachel, Karin; Loigu, Enn Desalination and water treatment 2018 / p. 245-251 : ill

<https://doi.org/10.5004/dwt.2018.22460> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Heigo Mäemuru - insener juba enne inseneriks õppimist

Mäemuru, Heigo Mente et Manu 2018 / lk. 10-15 : fot https://ttu.ee/public/m/mente-et-manu/MM_02_2018/mobile/index.html#p=6

http://www.ester.ee/record=b1242496*est <http://dea.digar.ee/publication/AKmenteetmanu> https://artiklid.elnet.ee/record=b2862652*est

Helicene-based chiral auxiliaries and chirogenesis

Hasan, Mohammed; Borovkov, Victor Symmetry 2018 / 48 p. : ill <https://doi.org/10.3390/sym10010010> [Journal metrics at Scopus](#)

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

Helje Riives 80

Koidla, Gerda Eesti Raamatukoguhoidjate Ühingu aastaraamat 2017 2018 / lk. 52-53 https://www.ester.ee/record=b1209172*est

Helmuth Freymuth - 120!

Metusala, Tiit Elektriala 2018 / lk. 24-26 : fot http://www.ester.ee/record=b1240496*est https://artiklid.elnet.ee/record=b2867351*est

Hepatitis E virus infection in different groups of Estonian patients and people who inject drugs

Kuznetsova, Tatiana; Ivanova-Pozdejeva, Anna; Reshetnjak, Irina; Geller, Julia; Värvi, Kairi; Rumvolt, Reet; Vikentjeva, Maria; Trubnikova, Elena V.; Pozdnyakova, Natalia V.; Shevelev, Alexei B.; Golovljova, Irina Journal of Clinical Virology 2018 / p. 5-10

<https://doi.org/10.1016/j.jcv.2018.04.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Herman Perna : [elulooandmeid]

Sada aastat Eesti teedele : Maanteeameti 100. sünnipäevale pühendatud uurimus 2018 / lk. 27-29 : fot

Hiai, Fumio. Matrix analysis and quantum information : [review]

Zentralblatt MATH 2018 / [1] p <https://zbmath.org/?q=1390.15075>

A hierarchical approach for devising area efficient concurrent online checkers

Niazmand, Behrad; Azad, Siavoosh Payandeh; Ghasempouri, Tara; Raik, Jaan; Jervan, Gert Proceedings 2nd IEEE

International Test Conference in Asia : ITC-Asia 2018, 15-17 August 2018, Harbin, China 2018 / p. 139-144 : ill

<https://doi.org/10.1109/ITC-Asia.2018.00034>

Hierarchical regions of interest

Järv, Priit; Tammet, Tanel; Tall, Marten 2018 IEEE 19th International Conference on Mobile Data Management : MDM 2018, 26–28

June 2018, Aalborg University, Denmark : proceedings 2018 / p. 86-95 <https://doi.org/10.1109/MDM.2018.00025>

Hierarchical timing-critical paths analysis in sequential circuits

Jürimägi, Lembit; Ubar, Raimund-Johannes; Jenihhin, Maksim; Raik, Jaan; Devadze, Sergei; Kostin, Sergei 2018 IEEE 28th

International Symposium on Power and Timing Modeling, Optimization and Simulation (PATMOS 2018) : 2 – 4 July 2018, Spain 2018

/ 6 p. : ill <https://doi.org/10.1109/PATMOS.2018.8464176>

High pressure high temperature consolidation of ZrC based ceramic composites

Minasyan, Tatevik; Aydinyan, Sofiya; Liu, Lei; Cygan, Slawomir; **Hussainova, Irina** [2018 World Congress on Powder Metallurgy (WORLDPM2018), Beijing, China, 16-18 September 2018 2018 / p. [515–518] : [USB]

High reliability leadership : a conceptual framework

Martinez-Corcoles, Mario Journal of contingencies and crisis management 2018 / p. 237-246 <https://doi.org/10.1111/1468-5973.12187>

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

Higher education institutions at the periphery of the periphery: creating sustainable economic development in Estonia ; chapter 9

Keenberg, Anne Universities and regional economic development : engaging with the periphery 2018 / 18 p

<https://doi.org/10.4324/9781315168357>

High-K ZrO₂ thin films by chemical spray pyrolysis method [Online resource]

Oluwabi, Abayomi Titilope; Oja Acik, Ilona; Katerski, Atanas; Krunks, Malle Tartu Ülikooli ASTRA projekt PER ASPERA :

Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-

Highlight of photocurrent generation in garbon-based nanohybrids combined with HfO₂ nanoparticles

Rauwel, Protima; Galeckas, Augustinas; Ducroquet, Frederiquet; **Rauwel, Erwan** 5th International Conference on Competitive Materials and Technology Processes : Miskolc-Lillafüred, Hungary, October 8-12, 2018 : book of abstracts 2018 / p. 166 https://www.ic-cmtp5.eu/doc/book_of_abstract_iccmtp5.pdf

Highly sensitive conformational switching of ethane-bridged mono-zinc bis-porphyrin as an application tool for rapid monitoring of aqueous ammonia and acetone

Buccolieri, Alessandro; Manno, D.; Serrano, Aida; Santino, A.; **Hasan, Mohammed**; **Borovkov, Victor**; Giancane, Gabriele Sensors and actuators B : chemical 2018 / p. 685-691 : ill <https://doi.org/10.1016/j.snb.2017.11.021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A High-performance open-source finite element analysis library for magnetics in MATLAB

Lehikoinen, Antti; Davidsson, T.; Arkkio, Antero; **Belahcen, Anouar** 2018 XIII International Conference on Electrical Machines (ICEM 2018) : Alexandroupoli, Greece, 3-6 September 2018 2018 / p. 486-492 : ill <http://doi.org/10.1109/ICELMACH.2018.8507235>

High-speed thermogravimetric analysis of the combustion of wood and Ca-rich fuel

Maaten, Birgit; **Konist, Alar**; **Siirde, Andres** 12th European Symposium on Thermal Analysis and Calorimetry ESTAC 12 : 27-30 August 2018, Brasov, Romania : book of abstracts 2018 / OP1.16, p. 72 <http://estac12.org/download.php?fe=/download/BoA%20ESTAC12.pdf>

Hiidlased jättis lõksu veeteede ameti udujutt

Pärgma, Reet; **Kõuts, Tarmo** Eesti Päevaleht 2018 / lk. 9

Hingi kõigile lihtsalt ei jagu

Voll, Hendrik Äripäev 2018 / Ehitus, lk. 42 https://static-pdf.aripaev.ee/wiDsm9y_4QjviTf-Wl168LGyYk.pdf

Hirmukultuuri loomine moodsas hübriidsõjas Venemaa ja õppuse Zapad 2017 näitel

Mölder, Holger Zapad 2017 infosõja vaatepunktist = Zapad 2017 from the perspective of information warfare 2018 / lk. 64-85 https://www.ester.ee/record=b4555087*est https://artiklid.elnet.ee/record=b2872680*est

History of the Baltic Atherosclerosis Society

Viigimaa, Margus 7th Baltic Atherosclerosis Society Congress : [abstracts] 2018 / p. 29 http://www.ester.ee/record=b4819912*est

Holocene fire activity during low-natural flammability periods reveals scale-dependent cultural human-fire relationships in Europe

Dietze, Elisabeth; Theuerkauf, Martin; Bloom, Karolina; **Poska, Anneli**; **Stivrinš, Normunds**; **Vassiljev, Jüri**; **Veski, Siim** Quaternary science reviews 2018 / p. 44-56 : ill <https://doi.org/10.1016/j.quascirev.2018.10.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Holocene hydroclimate variability in the eastern Baltic region inferred from open and closed-basin lake sediment stable isotope records

Stansell, Nathan; **Eensalu, Mariliis**; Terasmaa, Jaanus; **Poska, Anneli**; **Veski, Siim** IPA-IAL 2018 Joint Meeting : Unravelling the Past and Future of Lakes : abstract book 2018 / p. 112 <http://dx.doi.org/10.5281/zenodo.1287585>

Hoovuste mõõtja Hydromast pannakse proovile kõige karmimates tingimustes

Eding, Gaili Mente et Manu 2018 / lk. 57 : fot http://www.ester.ee/record=b1242496*est <http://dea.digar.ee/publication/AKmenteetmanu> https://www.ttu.ee/public/m/mente-et-manu/MM_05_2018/mobile/index.html https://artiklid.elnet.ee/record=b2868948*est

Horisontide digimine pälvis teaduse populariseerimise auhinna

Horisont 2018 / lk. 5 : fot https://www.ester.ee/record=b1072243*est <http://www.horisont.ee/arhiiv-2018/Horisont-1-2018.pdf>

Hospital wastewater treatment with pilot-scale pulsed corona discharge for removal of pharmaceutical residues

Ajo, Petri; **Preis, Sergei**; Vornamo, Timo; Mänttari, Mika; Kallioinen, Mari; Louhi-Kultanen, Marjatta Journal of environmental chemical engineering 2018 / p. 1569-1577 : ill <https://doi.org/10.1016/j.jece.2018.02.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

How do firms adjust to rises in the minimum wage? Survey evidence from Central and Eastern Europe

Bodnar, Katalin; Fadejeva, Ludmila; Iordache, Stefania; **Malk, Liina**; Paskaleva, Desislava; Pesliakaite, Jurga; Todorovic Jemec, Nataša; Toth, Peter P.; Wyszynski, Robert IZA journal of labor policy 2018 / art. 11, 30 p <https://doi.org/10.1186/s40173-018-0104-x>

How many frequencies to use in electrical bioimpedance measurements

Ojarand, Jaan; **Land, Raul**; **Min, Mart**; **Rist, Marek** Impedance spectroscopy : advanced applications : battery research, bioimpedance, system design 2018 / p. 161-168 : ill <http://doi.org/10.1515/9783110558920-016>

How much does an e-Vote cost? Cost comparison per vote in multichannel elections in Estonia

Krimmer, Robert Johannes; Duenas Cid, David; Krivonosova, Iuliia; Vinkel, Priit; Koitmäe, Arne Third International Joint Conference on Electronic Voting E-Vote-ID 2018 : 2–5 October 2018, Lochau/Bregenz, Austria : proceedings 2018 / p. 18-33
https://www.ester.ee/record=b5162906*est <https://digi.lib.ttu.ee/i/?11003>

How much does an e-Vote cost? Cost comparison per vote in multichannel elections in Estonia

Krimmer, Robert Johannes; Duenas Cid, David; Krivonosova, Iuliia; Vinkel, Priit; Koitmäe, Arne Electronic Voting : Third International Joint Conference, E-Vote-ID 2018, Bregenz, Austria, October 2–5, 2018 : proceedings 2018 / p. 117-131
https://doi.org/10.1007/978-3-030-00419-4_8 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

How much "Talent" is needed for organizational learning? A study of labor market entrants in an innovation-oriented country

Rungi, Mait 2018 IEEE International Conference on Industrial Engineering and Engineering Management (IEEM 2018) : Bangkok, Thailand, 16-19 December 2018 / p- 361-365 : ill <https://doi.org/10.1109/IEEM.2018.8607440>

How photo story came along

Liibek, Tõnis Eesti pressifoto 2018 = Estonian press photography 2018 / p. 123-127 : phot https://xn--fotoprand-z2a.org.ee/wp-content/uploads/sites/6/2019/02/EestiPressifoto2018_liibek.pdf http://www.ester.ee/record=b2674084*est

Human dignity in Estonia

Kerikmäe, Tanel; Joamets, Kristi Handbook of human dignity in Europe 2018 / p. 1-16 https://doi.org/10.1007/978-3-319-27830-8_11-1

Human factors and ergonomics in safety management in healthcare : building new relationships

Sepp, Jaana; Reinhold, Karin; Järvis, Marina; Tint, Piia Agronomy research 2018 / p. 1862-1876 : ill
<https://doi.org/10.15159/AR.18.153> [Journal metrics at Scopus](#) [Article at Scopus](#)

Human factors and ergonomics in safety management in healthcare : building new relationships [Online resource]

Sepp, Jaana; Reinhold, Karin; Järvis, Marina; Tint, Piia 9th International Conference "Biosystems Engineering 2018": 9–11 May, 2018, Estonia, Tartu : book of abstracts 2018 / p. 75 http://bse.emu.ee/wp-content/uploads/2018/10/ABS_2018_Book_VV.pdf

Humanitaarina inseneride ülikoolis keeleksamit tegemas

Kaasik, Joosep Mente et Manu 2018 / lk. 33 : fot http://www.ester.ee/record=b1242496*est <http://dea.digar.ee/publication/AKmenteetmanu>
https://artiklid.elnet.ee/record=b2865226*est

Huvirikas ja aktiivne geograaf Kaljo Laas : 18. I 1932 – 12. VII 2017

Sepp, Elvi; Järvet, Arvo Eesti Geograafia Seltsi aastaraamat = Yearbook of the Estonian Geographical Society. 43. kd 2018 / lk. 318-337 : ill https://www.ester.ee/record=b4668698*est https://www.ester.ee/record=b1237665*est

Hällilaul

Slimani, Leila 2018 http://www.ester.ee/record=b4767111*est

Hüdrograafia alused

Kala, Vello 2018 http://www.ester.ee/record=b4693277*est <https://digikogu.taltech.ee/et/Item/2c40c5da-5fd3-44be-8394-594f1f1b67fc>

Hüperspektraalsensorika rakendamine militaarobjektide signatuuride tuvastamiseks ja varjamiseks

Jürise, Martin; Udal, Andres; Kaugerand, Jaanus Sõjateadlane = Estonian journal of military studies 2018 / lk. 150–170 : ill
https://www.ksk.edu.ee/wp-content/uploads/2019/02/06_jyrise.pdf https://artiklid.elnet.ee/record=b2872674*est

Hybrid graphene-ceramic nanofibre network for spontaneous neural differentiation of stem cells

Kazantseva, Jekaterina; Hussainova, Irina; Ivanov, Roman; Neumann, Toomas; Gasik, Michael Interface focus 2018 / 6 p. : ill
<https://doi.org/10.1098/rsfs.2017.0037> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hybrid molecularly imprinted polymer for amoxicillin detection

Ayankojo, Akinrinade George; Reut, Jekaterina; Õpik, Andres; Furchner, Andreas; Sõritski, Vitali Biosensors and bioelectronics 2018 / p. 102-107 : ill <https://doi.org/10.1016/j.bios.2018.07.042> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A hybrid organic linker forms an efficient non-supported non-precious-metal-based metal–organic coordination network porous material for oxygen reduction reaction

Ping, Kefeng; Bhadoria, Rohit; Kongi, Nadežda; Starkov, Pavel; Tammeveski, Kaido Abstracts of Papers of the American Chemical Society 2018 / abst. CATL 202 <https://www.acs.org/content/dam/acsorg/meetings/national-meetings/fall-2018/fall-2018-program-book.pdf>

Hybrid thermal model of a synchronous reluctance machine

Shams Ghahfarokhi, Payam; Kallaste, Ants; Belahcen, Anouar; Vaimann, Toomas; Rassõlkin, Anton Case studies in thermal engineering 2018 / p. 381-389 : ill <https://doi.org/10.1016/j.csite.2018.05.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hydroacoustic and pressure turbulence analysis for the assessment of fish presence and behavior upstream of a vertical trash rack at a run-of-river hydropower plant

Schmidt, Marc B.; **Tuhtan, Jeffrey Andrew**; Schletterer, Martin Applied sciences 2018 / art. 1723, 20 p. : ill <https://doi.org/10.3390/app8101723> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

1H line width dependence on MAS speed in solid state NMR - comparison of experiment and simulation

Sternberg, Ulrich; **Witter, Raiker**; Kuprov, Ilya; Lamley, Jonathan M.; **Oss, Andres**; Lewandowski, Jozef R.; **Samoson, Ago** Journal of magnetic resonance 2018 / p. 32-39 : ill <https://doi.org/10.1016/j.jmr.2018.04.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hydromorphological classification using synchronous pressure and inertial sensing

Ristolainen, Asko; Kalev, Kaia; Tuhtan, Jeffrey Andrew; Kuusik, Alar; Kruusmaa, Maarja IEEE transactions on geoscience and remote sensing 2018 / p. 3222-3232 : ill <https://doi.org/10.1109/TGRS.2018.2795641> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hydroxyl radical behavior in water treatment with gas-phase pulsed corona discharge

Ajo, Petri 2018 <http://urn.fi/URN:ISBN:978-952-335-213-1>

Hygrothermal performance of cross-laminated timber walls with interior insulation

Kukk, Villu; Kalamees, Targo Durability and Climate Change : Changing Climatic loads as may affect the Durability of Building Materials, Components and Assemblies : proceedings of the CIB / NRC Symposium : National Research Council Canada, Construction Research Center, Ottawa, Canada, 21 September, 2018 2018 / p. 23-24 : ill https://site.cibworld.nl/dl/publications/W080_pub414.pdf

Hyperspectral camera with polarized filter as modern supersensor device for cyber-physical systems [Online resource]

Jürise, Martin; Udal, Andres; Kaugerand, Jaanus; Sell, Raivo BEC 2018 : 2018 16th Biennial Baltic Electronics Conference (BEC) : proceedings of the 16th Biennial Baltic Electronics Conference, October 8-10, 2018 2018 / 4 p.: ill <https://doi.org/10.1109/BEC.2018.8600957>

Ice cream structure modification by ice-binding proteins

Kaleda, Aleksei; Tsenov, Robert; Klesment, Tiina; Vilu, Raivo; Laos, Katrin Food Chemistry 2018 / p. 164-171 <https://doi.org/10.1016/j.foodchem.2017.10.152> [Journal at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Identification of intra-day variations of static load characteristics based on measurements in high-voltage transmission network

Leinakse, Madis; Kiristaja, Hendrik; Kilter, Jako 2018 IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT-Europe), Sarajevo, Bosnia and Herzegovina, October 21-25, 2018 : proceedings 2018 / 6 p <https://doi.org/10.1109/ISGTEurope.2018.8571712>

Identification of seismic signals at the output of large ring laser gyroscope

Tari, J.B.; Eno, N.A Earth Observing Systems XXIII, 21-23 August 2018, San Diego, California, United States 2018 / art. 107641M, 11 p. : ill <https://doi.org/10.1117/12.2320614> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Identity and nation building in everyday post-socialist life

2018 http://www.ester.ee/record=b4692473*est

ID-kaardi kaasuse õppetunnid [Võrguteavik]

2018 https://www.ria.ee/sites/default/files/content-editors/EID/id-kaardi_oppetunnid.pdf

IDUS päev

Kesküll, Marek Studioosus 2018 / lk. 20-21 : fot https://issuu.com/studioosus/docs/studioosus_november_1819_veeb

IEEE 1687 compliant ecosystem for embedded instrumentation access and in-field health monitoring

Tšertov, Anton; Jutman, Artur; Shubin, Konstantin; **Devadze, Sergei** IEEE AUTOTESTCON 2018 : National Harbor, September 17-20, 2018 : proceedings 2018 / 9 p.: ill <https://doi.org/10.1109/AUTEST.2018.8532559>

Igale inimesele õige vererõhuravimi leidmine on tõeline arstikunst

Raud, Geidi; **Viigimaa, Margus** Õhtuleht 2018 / Tervis, lk. 10-11 <https://www.oh tuleht.ee/tervis/897124/ara-vota-libaravimeid-sudamearst-igale-inimesele-oige-vererohuravimi-leidmine-on-toeline-arstikunst>

Igaühe köögist võib saada Starbucks

Jõers, Saskia Studioosus 2018 / lk. 20-21 https://www.ester.ee/record=b1558644*est

Igaüks on oma saatuse sepp

Abe, Doris Studioosus 2018 / lk. 22-23 https://www.ester.ee/record=b1558644*est

Ignar Fjuk : "Kesklinn ongi Tallinna uus arenduspiirkond"

Fjuk, Ignar Eesti Ekspress 2018 / lk. 41-43 : fot <https://ekspress.delfi.ee/areen/ignar-fjuk-kesklinn-ongi-tallinna-uus-arenduspiirkond?id=84151242>

Ignar Fjuk lahkus Korruptsiooniradarist, kui ta pettus selles ettevõtmises

Kusma, Elis; **Fjuk, Ignar** Õhtuleht 2018 / lk. 3 : fot

Ignar Fjuk: mõnel on tahet olla lobistide esirinnas

Härma, Kristel; **Fjuk, Ignar** Äripäev 2018 / lk. 8 <https://www.aripaev.ee/uudised/2018/11/28/ignar-fjuk-burokraatlik-venitamine-on-linnas-rutiin>

Ikka puust ja punaseks ehk kergem on hoida kui oiata

Kallis, Ain Maaleht 2018 / lk. 64

Ilm ja Eesti

Kallis, Ain Horisont 2018 / lk. 40-41 : fot https://www.ester.ee/record=b1072243*est <http://www.horisont.ee/arhiiv-2018/Horisont-1-2018.pdf>

Ilm ja kirjandus

Kallis, Ain Horisont 2018 / lk. 44-45 <http://www.horisont.ee/arhiiv-2018/Horisont-4-2018.pdf> https://artiklid.elnet.ee/record=b2863848*est

Ilm ja käitumine

Kallis, Ain Horisont 2018 / lk. 42-43 : fot https://www.ester.ee/record=b1072243*est <http://www.horisont.ee/arhiiv-2018/Horisont-2-2018.pdf> https://artiklid.elnet.ee/record=b2836201*est

Ilm ja riided

Kallis, Ain Horisont 2018 / lk. 42-43 http://www.ester.ee/record=b1072243*est <http://www.horisont.ee/arhiiv-2018/Horisont-3-2018.pdf>

Ilma keskhariduseta ülikooli? Uus seadus kaalub diplominoõudest loobumist.

Tankler, Lauri Eesti Päevaleht 2018 / lk. 4 <https://epl.delfi.ee/artikkel/80931961/ilma-keskhariduseta-ulikooli-uus-seadus-kaalub-diplominoudest-loobumist>

Ilmanvaihdon ylipaineistuksen vaikutus koulurakennuksen mitattuun ja koettuun sisäilman laatuun

Vornanen-Winqvist, Camilla; Järvi, Kati; Toomla, Sander; Ahmed, Kaiser; **Kurnitski, Jarek** Sisäilmastoseminaari 2018 : Messukeskus, Helsinki, 15.3.2018 2018 / s. 351–356 : ill http://sisailmayhdistys.fi/SISAILMASTO_seminaarijulkaisu2018.pdf

Ilmus ajalooraamat "Tallinna Tehnikaülikool 1918-2018"

Mente et Manu 2018 / lk. 6 : ill http://www.ester.ee/record=b1242496*est <http://dea.digar.ee/publication/AKmenteetmanu>

Ilmus kaks uut betoonijuhendit : ["BÜ2-2017 : betoon ja raudbetoon" ja "BÜ8 : betooni pumpamine"]

Ehitaja 2018 / lk. 10 : ill http://www.ester.ee/record=b1072123*est

Ilmus uus juhend - BÜ7 : betoonpõrandad

EhitusEST 2018 / lk. 25 : ill https://www.ester.ee/record=b4442657*est

Impact assessment of cyber actions on missions or business processes : a systematic literature review

Bahsi, Hayretdin; Udokwu, Chibuzor; Tatar, Unal; **Norta, Alexander** Proceedings of the 13th International Conference on Cyber Warfare and Security, ICCWS 2018 : National Defence University, Washington DC, USA, 6-9 March 2018 2018 / p. 11-20 : ill <http://toc.proceedings.com/38822webtoc.pdf>

Impact of 1-butyl-3-methylimidazolium chloride on the electrospinning of cellulose acetate nanofibers

Javed, Kashif; Krumme, Andres; Krasnou, Illia; Mikli, Valdek; Viirsalu, Mihkel; Plamus, Tiia; Vassiljeva, Viktoria; Tarasova, Elvira; Savest, Natalja; Mendez, James D. Journal of macromolecular science, part A : pure and applied chemistry 2018 / p. 142-147 : ill <https://doi.org/10.1080/10601325.2017.1387861> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The impact of I-voting on conventional voting channels

Krivosova, Iuliia Third International Joint Conference on Electronic Voting E-Vote-ID 2018 : 2–5 October 2018, Lochau/Bregenz, Austria : proceedings 2018 / p. 353-354 https://www.ester.ee/record=b5162906*est

Impact of post-deposition treatments on properties of SnS films and solar cells grown by close-spaced sublimation technique [Online resource]

Spalatu, Nicolae; Hiie, Jaan; Krunks, Malle [2018 E-MRS Spring Meeting and Exhibit : Materials for energy and environment : Thin film chalcogenide photovoltaic materials : program] 2018 / A.PV.27 <https://www.european-mrs.com/thin-film-chalcogenide-photovoltaic-materials-emrs>

Impact of power allocation on device-to-device discovery processes

Osman, Essam Abdelsalam; Khan, Muhidul Islam; Elgarhy, Osama Mohamed Mostafa; Reggiani, Luca; Mahtab, Muhammad
BEC 2018 : 2018 16th Biennial Baltic Electronics Conference (BEC) : proceedings of the 16th Biennial Baltic Electronics Conference, October 8-10, 2018 2018 / 4 p <https://doi.org/10.1109/BEC.2018.8600961>

Impact of the article 50 of TEU on migration of the EU workers in case of Brexit

Roots, Lehte Brexit : history, reasoning and perspectives 2018 / p. 249-264 https://doi.org/10.1007/978-3-319-73414-9_15

The impact of the last Major Baltic Inflows on the Gulf of Finland water chemistry and auto- and heterotrophic microbial communities [Online resource]

Künnis-Beres, Kai; Lainela, Silvie; Lips, Inga Baltic Earth Workshop on multiple drivers for Earth system changes in the Baltic Sea region : Tallinn University of Technology, Tallinn, Estonia 26-27 November 2018 : [programme, abstracts, participants] 2018 / p. 36
https://www.baltic-earth.eu/publications/IBESPublications/No_14_Workshop_Multiple_Drivers_Tallinn_Nov2018/No.14_Tallinn2018.pdf

The impacts of Trump advent on the realization of a Russian desirable world order

Keypour, Javad; Vernygora, Vlad Alex Third annual Tartu conference on Russian and East European studies "Reflecting on nation-statehood in Eastern Europe, Russia and Eurasia" 10-12 June 2018, University of Tartu, Estonia 2018 / p. 15
https://sisu.ut.ee/sites/default/files/tartuconference/files/konverentsi_programm_loplik.pdf https://www.ester.ee/record=b5182583*est

Implementation of information security in the EU information systems : an Estonian case study

Järvsoo, Maris; Norta, Alexander; Tsap, Valentyna; Pappel, Ingrid; Draheim, Dirk Challenges and Opportunities in the Digital Era : 17th IFIP WG 6.11 Conference on e-Business, e-Services, and e-Society : I3E 2018, Kuwait City, Kuwait, October 30 - November 1, 2018 : proceedings 2018 / p. 150-163 https://doi.org/10.1007/978-3-030-02131-3_15 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Implementation of integrated wireless network and MATLAB system to control autonomous mobile robot

Tamre, Mart; Hudjakov, Robert; Shvarts, Dmitry; Põlder, Ahti; Hiiemaa, Mairo; Juurma, Märt International Journal of Innovative Technology and Interdisciplinary Sciences : IJTIS 2018 / p. 18-25 : ill <https://doi.org/10.15157/IJTIS.2018.1.1.18-25>

Implementation of RF X-parameters principle to non-linear vibro-acoustics membrane as a two-port measurement

Moezzi, Reza IEEE Estonia Section Summer Seminar 2018, 19. and 20. august = IEEE sügisseminar 2018, 19. ja 20. augustil, Jänedä Mõis 2018 / 21 p. : ill <https://iscx.dcc.ttu.ee/ISC/ws/RezaPresentation.pdf> <https://iscx.dcc.ttu.ee/ISC/ws/ws.asp?IEEEYear=2018>