

**A klassi lugu : [Jõgeva Keskkooli XI lend]**

Kuusik, Rein, keemik Jõgeva Keskkooli XI lennu lugu 1959-2019 2019 / lk. 18-22 : fot [https://www.ester.ee/record=b5232099\\*est](https://www.ester.ee/record=b5232099*est)

**A software platform to collect and store GPS drifter data**

Giudici, Andrea; Soomere, Tarmo 2019 European Space Agency Living Planet Symposium 2019 / 1 p

<https://lps19.esa.int/NikalWebsitePortal/living-planet-symposium-2019/lps19/Speaker>

**Aadamaülikonnas tehnokraatia**

Paulus, Karin Sirp 2019 / lk. 24-25 : fot <https://www.sirp.ee/s1-artiklid/arhitektuur/aadamaulikonnas-tehnokraatia/>

[https://www.ester.ee/record=b1072938\\*est](https://www.ester.ee/record=b1072938*est)

**Aasta Eesti teaduses : rakendusteaduse võidukäik ja läbimurded alusteaduses [Võrguväljaanne]**

Himma, Marju novaator.err.ee 2019 / fot [Aasta Eesti teaduses: rakendusteaduse võidukäik ja läbimurded alusteaduses](#)

**Aasta ehitusinsener on Karl Õiger, Aasta ehitusprojekt Arvo Pärdi keskus**

Director. Inseneeria 2019 / lk. 96 : fot [http://www.ester.ee/record=b2336521\\*est](http://www.ester.ee/record=b2336521*est)

**Aasta ettevõtja: "Mina? Miks?"**

Matsalu, Eliisa Äripäev 2019 / Lk. 4-5 <https://www.aripaev.ee/uudised/2019/12/20/aasta-ettevotja-mina-miks>

[https://www.ester.ee/record=b1071975\\*est](https://www.ester.ee/record=b1071975*est)

**Aasta ettevõtteks pärjati Arensburg OÜ**

Ränk, Renat Meie Maa 2019 / lk. 1, 5 : ill

**Aasta parimad ehitusprojektid ja parim ehitusinsener**

Ehitaja 2019 / lk. 10-13 : fot [http://www.ester.ee/record=b1072123\\*est](http://www.ester.ee/record=b1072123*est) [https://artiklid.elnet.ee/record=b2870297\\*est](https://artiklid.elnet.ee/record=b2870297*est)

**Aasta tegijad**

Vähi, Kersti Mente et Manu 2019 / lk. 26-31 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est) [https://www.ttu.ee/public/m/mente-et-manu/MM\\_01\\_2019/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_01_2019/mobile/index.html)

[https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

**Aasta vilistlane 2019 Sirje Potisepp : ülikooliga seotud olemine on nagu elukestev õpe**

Potisepp, Sirje Mente et Manu 2019 / lk. 42-43 : portr [https://www.ttu.ee/public/m/mente-et-manu/MM\\_04\\_2019/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_04_2019/mobile/index.html)

[https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est) [https://artiklid.elnet.ee/record=b2878278\\*est](https://artiklid.elnet.ee/record=b2878278*est)

**Aasta vilistlaseks nimetati Sirje Potisepp**

Mente et Manu 2019 / lk. 14 : portr [https://www.ttu.ee/public/m/mente-et-manu/MM\\_04\\_2019/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_04_2019/mobile/index.html)

[https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

**Aasta õppejõuks valiti IT-Koledži õppejõud Kaido Kikkas**

Mente et Manu 2019 / lk. 11 : portr [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est) [https://www.ttu.ee/public/m/mente-et-manu/MM\\_04\\_2019/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_04_2019/mobile/index.html)

[https://artiklid.elnet.ee/record=b2878207\\*est](https://artiklid.elnet.ee/record=b2878207*est)

**Aasta õppija 2019 eripreemia tuli TalTechi Virumaa Kolledžisse**

Piirimaa, Anu Mente et Manu 2019 / lk. 43 : fot [https://www.ttu.ee/public/m/mente-et-manu/MM\\_05\\_2019/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_05_2019/mobile/index.html)

[https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est) [https://artiklid.elnet.ee/record=b2879536\\*est](https://artiklid.elnet.ee/record=b2879536*est)

**Aastapreemiad**

Sirp 2019 / lk. 14-15 : portr [https://www.ester.ee/record=b1072938\\*est](https://www.ester.ee/record=b1072938*est) <https://www.sirp.ee/s1-artiklid/c21-teadus/aastapreemiad/>

**Aastaraamat 2018 / Eesti Geoloogiateenistus**

2019 [https://www.ester.ee/record=b5231712\\*est](https://www.ester.ee/record=b5231712*est) [https://www.ester.ee/record=b5258416\\*est](https://www.ester.ee/record=b5258416*est)

**Aastaraamat 2018 / Tallinna Tehnikaülikool, Virumaa Kolledž**

2019 [https://www.ester.ee/record=b2666429\\*est](https://www.ester.ee/record=b2666429*est)

**Aastaringne vastuvõtt tagab õppekoha TalTechis juba kevadel**

Edasiõppija : värske info õppimisvõimaluste kohta Eestis ja välisriikides : teatmik gümnaasiumilõpetajale : 2019 2019 / lk. 33

[https://www.ester.ee/record=b1720758\\*est](https://www.ester.ee/record=b1720758*est)

**Aaviksoo : haridust ahistavad väärtuste ja tõe relativism [Võrguväljaanne]**

Aaviksoo, Jaak err.ee 2019 [Aaviksoo: haridust ahistavad väärtuste ja tõe relativism](#)

**Aaviksoo : pikas perspektiivis on õppejõudude olukord kehvem kui teadlaste oma [Võrguväljaanne]**

Müller, Arp novaator.err.ee 2019 / fot [Aaviksoo: pikas perspektiivis on õppejõudude olukord kehvem kui teadlaste oma](#)

**Aaviksoo kihutab kolleege puhastustööle: viige dokumendid reeglitega vastavusse [Võrguväljaanne]**  
Punamäe, Sander Postimees 2019 / fot [Aaviksoo kihutab kolleege puhastustööle: viige dokumendid reeglitega vastavusse](#)

**Aaviksoo on Savisaarelt mõndagi õppinud**  
Eesti Päevaleht 2019 / lk. 2 [Aaviksoo on Savisaarelt mõndagi õppinud](#)

**Aaviksoo: astun tagasi, kui TTÜ saab kahtlustuse**  
Postimees 2019 / lk. 4 [Aaviksoo lubab tagasi astuda ühel tingimusel](#)

**ABCA4 locus as a model for complex genetics in monogenic diseases = ABCA4 lookus kui monogeensete haiguste kompleksse geneetika model**  
Zernant, Jana 2019 <https://digi.lib.ttu.ee/i/?12387> [https://www.ester.ee/record=b5235122\\*est](https://www.ester.ee/record=b5235122*est)

**ABCE proteins in plants**  
Jakobson, Liina; Möttus, Jelena; Nigul, Lenne; Smolander, Olli-Pekka; Truve, Erkki; Sarmiento Guerin, Maria Cecilia 1st PlantEd Conference Plant Genome Editing - State of the Art, University of Novi Sad, Central Building, 5-7 November 2019 : proceedings 2019 / p. 49 <https://plantgenomeediting.eu/wp-content/uploads/Planted-Book-of-Abstracts-Nov-Sad-2019.pdf>

**Abrupt Alnus population decline at the end of the first millennium CE in Europe – The event ecology, possible causes and implications**  
Latalowa, Malgorzata; Święta-Musznicka, Joanna; Słowinski, Michal; Stivrins, Normunds The Holocene 2019 / p. 1335-1349 : ill <https://doi.org/10.1177/0959683619846978> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The absence of active creatine kinase system influences cardiac calcium handling**  
Laasmaa, Martin; Branovets, Jelena; Karro, Niina; Birkedal Nielsen, Rikke; Vendelin, Marko Biophysical journal 2019 / Poster 484 ; p. 96a <https://doi.org/10.1016/j.bpj.2018.11.558>

**Accelerating transient fault injection campaigns by using Dynamic HDL Slicing**  
Bagbaba, Ahmet Cagri; Jenihhin, Maksim; Raik, Jaan; Sauer, Christian 2019 IEEE Nordic Circuits and Systems Conference (NORCAS) : NORCHIP and International Symposium of System-on-Chip (SoC), 29-30 October 2019, Helsinki, Finland : proceedings in IEEE Xplore 2019 / 7 p. : ill <https://doi.org/10.1109/NORCHIP.2019.8906932>

**Achieving a high level of open market-information symmetry with decentralised insurance marketplaces on blockchains**  
Norta, Alexander; Rossar, Risto; Parve, Mart; Laas-Billson, Liina Intelligent Computing : proceedings of the 2019 Computing Conference. Volume 1 2019 / p. 299-318 [https://doi.org/10.1007/978-3-030-22871-2\\_22](https://doi.org/10.1007/978-3-030-22871-2_22) [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Acquisition of O2 adsorption isotherms as thorough characterization of nanocrystalline titanium dioxide photocatalysts**  
Moiseev, Anna; Kritševskaja, Marina; Preis, Sergei Surfaces and interfaces 2019 / p. 44-49 : ill <https://doi.org/10.1016/j.surfin.2018.11.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Acritarchs from the Middle and Upper Ordovician of Estonia and their stratigraphic implications**  
Raevskaja, Elena; Hints, Olle 13th International Symposium on the Ordovician System : Novosibirsk, Russia (July 19-22, 2019) : contributions 2019 / p. 165-168 : ill <http://www.igcp653.org/wp-content/uploads/2019/07/ISOS13Proceedings.pdf>

**Acta architecturae naturalis = Maastikuarhitektuurseid uurimusi**  
2019 <https://www.maastikuarhitektuur.ee/acta/issue/view/acta-2019> [https://www.ester.ee/record=b2731314\\*est](https://www.ester.ee/record=b2731314*est)

**Acta Baltica historiae et philosophiae scientiarum**  
2019 [https://www.ester.ee/record=b2941458\\*est](https://www.ester.ee/record=b2941458*est)

**Acta Baltica historiae et philosophiae scientiarum**  
2019 [https://www.ester.ee/record=b2941458\\*est](https://www.ester.ee/record=b2941458*est)

**Actual impact of heat pumps to energy performance of apartment buildings in Estonia**  
Reino, Arbo; Hamburg, Arvi 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCon), 7-9 October 2019 : conference proceedings 2019 / 6 p. : ill <https://doi.org/10.1109/RTUCon48111.2019.8982370>

**Adaptive wear mechanisms of diamond coatings at room and elevated temperatures = Teemantpinnete adaptiivkulumise mehhanismid toa- ja kõrgendatud temperatuuridel**  
Yashin, Maxim 2019 <https://digikogu.taltech.ee/et/Item/6cb35baa-eb31-42e2-8134-3235c7f796ef> [https://www.ester.ee/record=b5283072\\*est](https://www.ester.ee/record=b5283072*est)

**Added value of post-secondary education in Estonia**  
Küttim, Merle; Hartšenko, Jelena; Riivits-Arkonsuo, Iivi HEAd'19 : 5th International Conference on Higher Education Advances : proceedings 2019 / p. 65-73 <https://doi.org/10.4995/HEAd19.2019.9437>

### **Additive manufacturing of electrical machines**

**Kallaste, Ants** 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings] 2019 / p. 61-62 : ill  
[https://www.ester.ee/record=b5183874\\*est](https://www.ester.ee/record=b5183874*est)

### **Additive manufacturing of high-entropy alloys**

**Karimi, Javad; Kamboj, Nikhil Kumar; Prashanth, Konda Gokuldoss** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p <http://fmtdk.ut.ee/teesid-2019/>

### **Additively manufactured mesostructured MoSi<sub>2</sub>-Si<sub>3</sub>N<sub>4</sub> ceramic lattice**

**Minasyan, Tatevik; Liu, Le; Holovenko, Yaroslav; Aydinyan, Sofiya; Hussainova, Irina** Ceramics international 2019 / p. 9926-9933 <https://doi.org/10.1016/j.ceramint.2019.02.035> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Address from main organizers**

**Vinnikov, Dmitri; Liivik, Elizaveta** 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings] 2019 / p. [3]  
[https://www.ester.ee/record=b5183874\\*est](https://www.ester.ee/record=b5183874*est)

### **Administrative culture : [article in collection]**

**MacCarthaigh, Muiris; Saarniit, Leno** The Oxford encyclopedia of public administration 2019 / p. 1-41  
<https://doi.org/10.1093/acrefore/9780190228637.013.1452>

### **Adrian Venables: veebitsensuuri töus ja selle mõju**

**Venables, Adrian Nicholas** Edasi.org : innustav ja hariv ajakiri 2019 <https://edasi.org/44704/adrian-venables-veebitsensuuri-tous-ja-selle-moju/>

### **Advanced sensing materials based on molecularly imprinted polymers towards developing point-of-care diagnostics devices**

**Kidakova, Anna; Reut, Jekaterina; Boroznjak, Roman; Öpik, Andres; Sõritski, Vitali** Proceedings of the Estonian Academy of Sciences 2019 / p. 158–167 : ill <https://doi.org/10.3176/proc.2019.2.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Advanced methodology for estimation of value of lost load (VOLL) using equipment specific health indices**

**Manninen, Henri; Kilter, Jako; Landsberg, Mart** 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärda, Estonia, June 12-15, 2019 : proceedings 2019 / 6 p  
<https://doi.org/10.1109/PQ.2019.8818245>

### **Advanced oxidation processes for sulfonamide antibiotic sulfamethizole degradation : Process applicability study at ppm level and scale-down to ppb level**

**Klauson, Deniss; Romero Sarcos, Natalja; Kritševskaja, Marina; Kattel, Eneliis; Dulova, Niina; Dedova, Tatjana; Trapido, Marina** Journal of environmental chemical engineering 2019 / art. 103287, 8 p. : ill <https://doi.org/10.1016/j.jece.2019.103287> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Advanced sensors and on-line measurements for power lines in smart grids**

**Shabbir, Noman** 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings] 2019 / p. 205-206 : ill  
[https://www.ester.ee/record=b5183874\\*est](https://www.ester.ee/record=b5183874*est)

### **Advanced solar envelope generation**

**De Luca, Francesco** Regenerative design in digital practice : a handbook for the built environment 2019 / p. 123-128 : ill  
[Regenerative...](#)

### **Advancements and restrictions of E-assessment in view of remote learning in engineering**

**Raud, Zoja; Vodovozov, Valery** 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCon), 7-9 October 2019 : conference proceedings 2019 / 6 p. : ill  
<https://doi.org/10.1109/RTUCon48111.2019.8982349>

### **Advances in characteristics analysis, measurement methods and modelling of flow dynamics in airlift reactors**

**Zhang, Tao; Wei, Chaohai; Feng, Chunhua; Preis, Sergei** Chemical engineering and processing : process intensification 2019 / art. 107633, 19 p. : ill <https://doi.org/10.1016/j.cep.2019.107633> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Advancing ecohydraulics and ecohydrology by clarifying the role of their component interdisciplines**

**Gosselin, Marie-Pierre; Ouellet, Valerie; Harby, Atle; Nestler, John** Journal of ecohydraulics 2019 / p. 172-187  
<https://doi.org/10.1080/24705357.2019.1658137> [Journal metrics at Scopus](#) [Article at Scopus](#)

## **Aeg õlg alla panna**

**Roosileht, Mare** Põhjarannik 2019 / lk. 5 <https://dea.digar.ee/article/opetajateleht/2019/03/01/4.4> <http://opleht.ee/2019/03/aeg-olg-alla-panna/>

## **Aerosol-assisted fine-tuning of optoelectrical properties of SWCNT films**

Tsapeenko, Alexey; Romanov, Stepan; Satco, Daria; **Volobujeva, Olga; Danilson, Mati** The journal of physical chemistry letters 2019 / p. 3961-3965 : ill <https://doi.org/10.1021/acs.jpclett.9b01498> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **An affect-based built environment video analytics**

Kaklauskas, Arturas; Zavadskas, Edmundas Kazimieras; Bardauskiene, D.; **Ubarte, Ieva** Automation in Construction 2019 / art. 102888, 22 p. : ill <https://doi.org/10.1016/j.autcon.2019.102888>

## **Affective analytics of demonstration sites**

Kaklauskas, Arturas; Jokubauskas, D.; Cerkauskas, J.; Dzemyda, I.; **Ubarte, Ieva** Engineering applications of artificial intelligence 2019 / p. 346-372 : ill <https://doi.org/10.1016/j.engappai.2019.03.001>

## **After public administration scholarship**

**Drechsler, Wolfgang** A Research agenda for public administration 2019 / p. 220–234 <https://www.e-elgar.com/shop/a-research-agenda-for-public-administration> <https://doi.org/10.4337/9781788117258.00019>

## **Aga mida sina täna lõunaks sööd?**

Änilane, Eleen LP : Eesti Päevaleht 2019 / Lk. 28-30 : portr [https://www.ester.ee/record=b2882215\\*est](https://www.ester.ee/record=b2882215*est)  
[https://www.ester.ee/record=b3049922\\*est](https://www.ester.ee/record=b3049922*est)

## **Ageing of kesterite solar cells 1 : Degradation processes and their influence on solar cell parameters**

Neubauer, Christian; Samiepour, Ali; Oueslati, Souhaib; **Danilson, Mati; Meissner, Dieter** Thin solid films 2019 / p. 595-599 : ill <https://doi.org/10.1016/j.tsf.2018.11.043> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Ageing of kesterite solar cells 2 : Impact on photocurrent generation**

Samiepour, Ali; Neubauer, Christian; Oueslati, Souhaib; Mikli, Valdek; **Meissner, Dieter** Thin solid films 2019 / p. 509-513 : ill <https://doi.org/10.1016/j.tsf.2018.11.044> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Aggregate production from burnt oil shale and CO2 - an Estonian perspective**

Berber, Hakan; Tamm, Kadriann; Leinus, Mari-Liis; Kuusik, Rein, keemik; **Uibu, Mai** Oil Shale 2019 / p. 431-447 : ill <https://doi.org/10.3176/oil.2019.3.05> [http://www.kirj.ee/32493/?tpl=1061&c\\_tpl=1064](http://www.kirj.ee/32493/?tpl=1061&c_tpl=1064) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Agile stability : relaunching Halduskultuur – The Estonian journal of administrative culture and digital governance**

**Drechsler, Wolfgang** Halduskultuur : The Estonian journal of administrative culture and digital governance 2019 / p. 4-7 [https://www.ester.ee/record=b2157203\\*est](https://www.ester.ee/record=b2157203*est) <https://doi.org/10.32994/hk.v19i2.225>

## **Aiming at the improvement of safety at Indian construction workplace**

Chellappa, Vigneshkumar; Salve, Urmi Ravindra; **Liias, Roode** 13th International Conference : Modern Building Materials, Structures and Techniques, May 16–17, 2019, Lithuania 2019 / p. 539-544 <https://doi.org/10.3846/mbmst.2019.110>

## **Ain Kendra : "Oleks vaja rohkem otsustamisjulgust."**

**Kendra, Ain** Ehitaja 2019 / lk. 18-20 : fot [http://www.ester.ee/record=b1072123\\*est](http://www.ester.ee/record=b1072123*est) [https://artiklid.elnet.ee/record=b2876159\\*est](https://artiklid.elnet.ee/record=b2876159*est)

## **Air change efficiency of room ventilation units**

**Mikola, Alo; Rehand, Juhan; Kurnitski, Jarek** E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019 2019 / art. 01017, 8 p <https://doi.org/10.1051/e3sconf/201911101017> [Conference proceedings at Scopus](#) [Article at Scopus](#)

## **Air distribution and air handling unit configuration effects on energy performance in an air-heated ice rink arena**

Taebnia, Mehdi; Toomla, Sander; Leppä, Lauri; **Kurnitski, Jarek** Energies 2019 / art. 693, 21 p. : ill <https://doi.org/10.3390/en12040693> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Air leakage of joints filled with polyurethane foam**

**Hallik, Jaanus; Gustavson, Heleen; Kalamees, Targo** Buildings 2019 / art. 172, 15 p. : ill <https://doi.org/10.3390/buildings9070172> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Aivar Hundimägi : vilepuhumist tasub soosida [Võrguväljaanne]**

Hundimägi, Aivar err.ee 2019 / fot [Aivar Hundimägi: vilepuhumist tasub soosida](#)

## **Aivar Leštšinski : 14. VII 1958 - 29. IV 2019**

Sirp 2019 / lk. 22 <https://www.sirp.ee/s1-artiklid/c5-muusika/aivar-lestinski-14-vii-1958-29-iv-2019/> [https://www.ester.ee/record=b1072938\\*est](https://www.ester.ee/record=b1072938*est)

### #Alväljakutse : teadmised tehisintellektist igaühele

Härmat, Karin Mente et Manu 2019 / lk. 24-25 [https://www.ttu.ee/public/m/mente-et-manu/MM\\_05\\_2019/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_05_2019/mobile/index.html)  
[https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

### #Alväljakutse on vastu võtnud juba enma kui 3100 eestimaalast

Mente et Manu 2019 / lk. 8 [https://www.ttu.ee/public/m/mente-et-manu/MM\\_05\\_2019/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_05_2019/mobile/index.html)  
[https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

### #Alväljakutse vallutab Eestit

Erlenheim, Regina Studioosus 2019 / lk. 12-13 : ill [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

### Ajarada - seilame läbi 100 aasta

Mugamäe, Eha Mente et Manu 2019 / lk. 44-45 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est) [https://www.ttu.ee/public/m/mente-et-manu/MM\\_04\\_2019/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_04_2019/mobile/index.html) [https://artiklid.elnet.ee/record=b2878279\\*est](https://artiklid.elnet.ee/record=b2878279*est)

### AK Nädal : ülikoolid näevad rahanappusele lahendust osaliselt tasulises kõrghariduses [Võrguväljaanne]

Himma, Marju; Allik, Henry-Laur novaator.err.ee 2019 / video [AK Nädal: ülikoolid näevad rahanappusele lahendust osaliselt tasulises kõrghariduses](#)

### AK Nädal analüüsis euroraha väärkasutamisele teed sillutavaid vigu süsteemis

Himma, Marju novaator.err.ee 2019 / video [AK Nädal analüüsis euroraha väärkasutamisele teed sillutavaid vigu süsteemis](#)

### Akadeemia 2017. aasta aruanne : president Tarmo Soomere [ettekanne Eesti TA üldkogu aastakoosolekul 20. apr. 2018]

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2018  
2019 / lk. 46-48

### Akadeemia liikmeskond : [uued ja vanad liikmed]

Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2018 2019 / lk. 11-13 : portr

### Akadeemia presidendi [Tarmo Soomere] avakõne : [akadeemikukandidaatide konverentsil Eesti Teaduste Akadeemias 9. nov. 2018]

Soomere, Tarmo Eesti Teaduste Akadeemia sõnas ja pildis 2018 2019 / lk. 62 : ill

### Akadeemia presidendid läbi aegade : [ka Jüri Engelbrecht ja Tarmo Soomere]

Eesti Teaduste Akadeemia sõnas ja pildis 2018 2019 / lk. 112-118 : portr

### Akadeemia tegevusest 2017. aastal : astronoomia ja füüsika osakond : akadeemik Jaak Aaviksoo [sõnavõtt Eesti TA üldkogu aastakoosolekul 20. apr. 2018]

Aaviksoo, Jaak Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2018 2019 / lk. 44

### Akadeemia tegevusest 2017. aastal : informaatika ja tehnikateaduste osakond : akadeemik Jakob Kübarsepp : [ettekanne Eesti TA üldkogu aastakoosolekul 20. apr. 2018]

Kübarsepp, Jakob Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2018 2019 / lk. 44-45

### Akadeemik : põlevkiviõli tootmine on hädavajalik tupiktee

Soomere, Tarmo Põhjarannik 2019 / lk. 3

### Akadeemik Lopp : rakendusuuringuid on aastaid alarahastatud

Lopp, Margus TööstusEST 2019 / lk. 26-27 : portr <https://toostusest.ee/uudis/2019/10/07/akadeemik-margus-lopp-rakendusuuringuid-on-aastaid-alarahastatud/> [http://www.ester.ee/record=b4481084\\*est](http://www.ester.ee/record=b4481084*est) [https://issuu.com/meediapilt/docs/toostusest\\_oktoober\\_2019](https://issuu.com/meediapilt/docs/toostusest_oktoober_2019)

### Akadeemik Mati Karelson 70

Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2018 2019 / lk. 67 : portr

### Akadeemikukandidaatide konverents : [9. nov. 2018 Eesti Teaduste Akadeemias : kandidaatide hulgas professoreid ka Tallinna Tehnikaülikoolist]

Eesti Teaduste Akadeemia sõnas ja pildis 2018 2019 / lk. 60-61 : fot

### Akadeemiline vaba(n)dus

Samson, Ago Sirp 2019 / lk. 37 [https://www.ester.ee/record=b1072938\\*est](https://www.ester.ee/record=b1072938*est) <https://www.sirp.ee/s1-artiklid/c21-teadus/akadeemiline-vabandus/>

### Aksel Jõgi 25.03.1934-21.11.2018

Torma Album. VIII 2019 / lk. 196-197 [https://www.ester.ee/record=b1402185\\*est](https://www.ester.ee/record=b1402185*est)

### **Alaealiste isikute töötamine**

**Güldenkoh, Maret** raamatupidaja.ee 2019 <https://www.raamatupidaja.ee/uudised/2019/08/12/alaealiste-isikute-tootamine>

### **Algorithm for restructuring of structurally synthesized BDDs**

**Jürimägi, Lembit; Ubar, Raimund-Johannes** 2019 IEEE 31st International Conference on Microelectronics : Niš, Serbia September 16th-18th, 2019 : proceedings 2019 / p. 239-242 : ill <https://doi.org/10.1109/MIEL.2019.8889578>

### **Algorithms for learning and adaptation over networks - distributed leader selection = Õppimisalgoritmid hajutatud võrkude tarbeks - juhtsõlme hajus valimine**

**Ulp, Sander** 2019 <https://digi.lib.ttu.ee/i/?11635> [https://www.ester.ee/record=b5204290\\*est](https://www.ester.ee/record=b5204290*est)

### **Aliphatic dicarboxylic acids from oil shale organic matter - historic review**

Veski, Rein; **Veski, Siim** Oil shale 2019 / p. 76-95 : phot <https://doi.org/10.3176/oil.2019.1.06>

[http://www.kirj.ee/public/oilshale\\_pdf/2019/issue\\_1/OS-2019-1-76-95.pdf](http://www.kirj.ee/public/oilshale_pdf/2019/issue_1/OS-2019-1-76-95.pdf) Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Allsolutionlprocessed transparent front contact for monograin layer kesterite solar cells**

Edinger, Stefan; Bansal, Neha; Wibowo, Adhi Rachmat; Winkler, Nina; Illich, Peter; Zechmeister, Armin; Plessing, Lukas; **Meissner, Dieter** Progress in photovoltaics : research and applications 2019 / p. 547-555 <https://doi.org/10.1002/pip.3122> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Alpha, beta and gamma diversity controls on Ordovician-Silurian brachiopods of the Baltic Basins**

Kröger, Björn; Penny, A.; **Hints, Olle** 13th International Symposium on the Ordovician System : Novosibirsk, Russia (July 19-22, 2019) : contributions 2019 / p. 107 <http://www.igcp653.org/wp-content/uploads/2019/07/ISOS13Proceedings.pdf>

### **Alternative oxidaselmediated respiration prevents lethal mitochondrial cardiomyopathy**

Rajendran, Jayasimman; Purhonen, Janne; Tegelberg, Saara; **Smolander, Olli-Pekka** EMBO Molecular Medicine 2019 / art. e9456, 19 p. : ill <https://doi.org/10.15252/emmm.201809456>

### **Am fost acasă la primul judecător-robot al lumii! În Estonia, cele mai simple procese civile sunt tranșate de inteligența artificială „Doar 10% din cazuri sunt contestate de om”**

Archip, Andreea Libertatea 2019 / phot <https://www.libertatea.ro/stiri/reportaj-acasa-la-primul-judecator-robot-al-lumii-in-estonia-2665884>

### **Ammu teada tõde - positiivne praktiline kogemus motiveerib võõrkeelt õppima**

Ilvest, Lily; **Teichmann, Mare** Õpetajate Leht 2019 / lk. 5 [Ammu teada tõde - positiivne praktiline kogemus motiveerib võõrkeelt õppima](https://www.ester.ee/record=b5303400*est)

### **An Accelerator-based architecture utilizing an efficient memory link for modern computational requirements**

Yousefzadeh, Saba; Basharkhah, Katayoon; **Raik, Jaan; Jenihhin, Maksim** 2019 IEEE East-West Design & Test Symposium (EWDTS) 2019 / 6 p. : ill <https://doi.org/10.1109/EWDTS.2019.8884481>

### **An attempt to classify brilliance**

**Soomere, Tarmo** Applied wave mathematics II : selected topics in solids, fluids, and mathematical methods and complexity 2019 / p. XIX-XXI <https://doi.org/10.1007/978-3-030-29951-4> [https://www.ester.ee/record=b5303400\\*est](https://www.ester.ee/record=b5303400*est)

### **An efficient method for longlterm configurational stabilization of chiral tricyclic dipeptide via heterocomplexation approach**

Hu, Xiaoyun; Yin, Zhongyou; Guo, Jianxin; **Borovkov, Victor**; Shan, Zixing ChemistrySelect 2019 / p. 3210-3213 <https://doi.org/10.1002/slct.201900099>

### **An explicit finite volume numerical scheme for 2D elastic wave propagation**

Berezovski, Mihail; **Berezovski, Arkadi** Applied wave mathematics II : selected topics in solids, fluids, and mathematical methods and complexity 2019 / p. 257-280 [https://doi.org/10.1007/978-3-030-29951-4\\_12](https://doi.org/10.1007/978-3-030-29951-4_12) [https://www.ester.ee/record=b5303400\\*est](https://www.ester.ee/record=b5303400*est)

### **An improved design models for fire ex-posed CLT floor elements**

Schmid, Joachim; Klippel, Michael; Frangi, Andrea; **Just, Alar; Tiso, Mattia**; Werther, Norman Proceedings of the I Forum Wood Building Baltic, 2019 : [27.02-1.03.2019, Tallinn] 2019 / p. 72-73 : ill [https://www.ester.ee/record=b5197207\\*est](https://www.ester.ee/record=b5197207*est)

### **An indirect adaptive control paradigm for wind generation systems**

Kamal, Tariq; Karabacak, Murat; Hassan, Syed Zulqadar; Fernández Ramírez, Luis M.; **Roasto, Indrek**; Khan, Laiq Advanced control and optimization paradigms for wind energy systems 2019 / p. 235-257 [https://doi.org/10.1007/978-981-13-5995-8\\_10](https://doi.org/10.1007/978-981-13-5995-8_10) Article collection metrics at Scopus Article at Scopus

### **An indirect model predictive current control (CCS-MPC) for grid-connected single-phase three-level NPC quasi-Z-source**

## **PV inverter**

**Pires Pimentel, Sergio** 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings] 2019 / p. 29-30 : ill [https://www.ester.ee/record=b5183874\\*est](https://www.ester.ee/record=b5183874*est)

## **An optimization framework for dynamic pipeline management in computing systems**

Naqvi, Syed Rameez; Zahid, Anjum; Sawalha, Lina; **Jenihhin, Maksim** Computers & electrical engineering 2019 / p. 242-258 : ill <https://doi.org/10.1016/j.compeleceng.2019.07.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Analüüsitulemuste toetus tagamine. Riikideüleste ühingute püüdlused ja iga üksiku haiglalabori roll**

**Aleksejeva, Elina** Eesti laborimeditsiin : Eesti Laborimeditsiini Ühingu ja Eesti Bioanalüütikute Ühingu ajakiri 2019 / lk. 21-23 [https://www.ester.ee/record=b4560018\\*est](https://www.ester.ee/record=b4560018*est)

## **Analüütilise keemia kvaliteedi infrastruktuur**

Eesti Teadustaristu teekaart 2019 2019 / lk. 15 : ill [https://www.ester.ee/record=b5236321\\*est](https://www.ester.ee/record=b5236321*est)

## **Analysis and design optimisation of glass structures = Klaaskonstruksioonide analüüs ning optimeerimine**

**Õunapuu, Erko** 2019 <https://digikogu.taltech.ee/et/Item/1851ce66-14f9-486e-9153-414b75cb0495> [https://www.ester.ee/record=b5284651\\*est](https://www.ester.ee/record=b5284651*est)

## **Analysis of black start strategies for microgrids with renewable distributed generation**

**Armstorfer, Andreas**; Biechl, Helmuth; **Rosin, Argo** IECON 2019 - 45th Annual Conference of the IEEE Industrial Electronics Society : proceedings 2019 / p. 2121-2125 : ill <https://doi.org/10.1109/IECON.2019.8926631> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

## **Analysis of building sensor data to explain the experienced indoor room temperature**

**Crasta, Cletus J.** 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings] 2019 / p. 211-212 : ill [https://www.ester.ee/record=b5183874\\*est](https://www.ester.ee/record=b5183874*est)

## **Analysis of cost function composition based on the horizon time prediction of an indirect MPC current control in single-phase grid-connected PV inverters**

**Pimentel, Sergio Pires**; Husev, Oleksandr; Vinnikov, Dmitri; **Stepenko, Serhii** 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019 : conference proceedings 2019 / 6 p. : ill <https://doi.org/10.1109/RTUCON48111.2019.8982377>

## **Analysis of fault-tolerant operation capabilities of an isolated bidirectional current-source DC-DC converter**

**Blinov, Andrei**; Kosenko, Roman; **Chub, Andrii**; Ivakhno, Volodymyr Energies 2019 / art. 3203, p. 14 : ill <https://doi.org/10.3390/en12163203> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Analysis of functional gene transcripts suggests active CO2 assimilation and CO oxidation by diverse bacteria in marine sponges**

Feng, Guofang; Zhang, Fengli; Banakar, Shivakumar; **Karlep, Liisi**; Li, Zhiyong FEMS Microbiology Ecology 2019 / art. fiz087 <https://doi.org/10.1093/femsec/fiz087> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Analysis of harmonic current stability and summation of LED lamps**

**Jarkovoi, Marek**; Iqbal, Muhammad Naveed; **Kütt, Lauri** 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärdla, Estonia, June 12-15, 2019 : proceedings 2019 / 8 p. : ill <https://doi.org/10.1109/PQ.2019.8818237>

## **Analysis of microgrid configuration effects on energy efficiency**

**Peterson, Kristjan**; Ahmadihangar, Roya; **Shabbir, Noman**; Vinnal, Toomas 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019 : conference proceedings 2019 / 6 p. : ill <https://doi.org/>

## **Analysis of oscillation suppression methods in the AC-AC stage of high frequency link converters**

**Korkh, Oleksandr**; **Blinov, Andrei**; Vinnikov, Dmitri 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019 : conference proceedings 2019 / 5 p. : ill <https://doi.org/10.1109/RTUCON48111.2019.8982259>

## **Analysis of the impact of poisoned data within Twitter classification models**

**Price, Christopher**; Piirsalu, Jaan; **Nõmm, Sven** IFAC-PapersOnLine 2019 / p. 175-180 <https://doi.org/10.1016/j.ifacol.2019.12.170>

## **Analysis of the impact of poisoned data within Twitter classification models**

**Price, Christopher**; **Nõmm, Sven**; Piirsalu, Jaan Proceedings of the 5th interdisciplinary cyber research conference 2019 : 29th of June 2019, Tallinn University of Technology [Online resource] 2019 / p. 53-57 <https://doi.org/10.1016/j.ifacol.2019.12.170> [https://www.ester.ee/record=b5238490\\*est](https://www.ester.ee/record=b5238490*est) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Analysis of the local and global forces acting on the coil structure of a modular slotless permanent magnet generator**  
**Kallaste, Ants; Vaimann, Toomas; Belahcen, Anouar; Shams Ghahfarokhi, Payam; Rassõlkin, Anton** Scientific Journal of Riga Technical University. Electrical, control and communication engineering 2019 / p. 9-14 : ill <https://doi.org/10.2478/ecce-2019-0002>

**Analysis of various ventilation solutions for residential and non-residential buildings in Latvia and Estonia**  
**Zemitis, Jurgis; Borodinecs, Anatolijs; Kalamees, Targo** Cold Climate HVAC 2018 : Sustainable buildings in cold climates : proceedings of the 9th Cold Climate HVAC conference, Kiruna, Sweden, 2018, 12-15 March 2019 / p. 51-61  
[https://doi.org/10.1007/978-3-030-00662-4\\_5](https://doi.org/10.1007/978-3-030-00662-4_5)

**Analyzing the dynamics and stability of DQ0 systems based on a Port-Hamiltonian approach**  
**Levron, Yoash; Kaparin, Vadim; Belikov, Juri** 2019 27th Mediterranean Conference on Control and Automation (MED) 2019 / p. 410-415 : ill <https://doi.org/10.1109/MED.2019.8798495>

**The anchoring of inflation expectations in the short and in the long run**  
**Nautz, Dieter; Strohsal, Till; Netšunajev, Aleksei** Macroeconomic dynamics 2019 / p. 1959-1977 : ill  
<https://doi.org/10.1017/S1365100517000517> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Anion recognition and the templated solid-state synthesis of hemicucurbiturils = Hemikukurbituriilid kui anioonide retseptorid ning nende mehhanokeemiline süntees tahkes faasis**  
**Kaabel, Sandra** 2019 <https://digi.lib.ttu.ee/i/?11236> [https://www.ester.ee/record=b5182788\\*est](https://www.ester.ee/record=b5182788*est)

**Anisotropic thermal conduction in hierarchically structured composite using graphene-augmented alumina nanofibers**  
**Saffarshamshirgar, Ali; Ivanov, Roman; Gasik, Michael; Hussainova, Irina** XVI Conference and Exhibition Of The European Ceramic Society : abstract book 2019 / p. 167

**Anna-Maria Osula: küberruum pole enam ammu reeglitevaba Metsik Lääs [Võrguväljaanne]**  
**Osula, Anna-Maria** Edasi.org : innustav ja hariv ajakiri 2019 <https://edasi.org/45712/anna-maria-osula-kuberruum-pole-enam-ammu-reeglitevaba-metsik-laas/>

**Anname Kohtla-Järvele ülikoolilinna näo**  
**Roosileht, Mare** Põhjarannik 2019 / lk. 4 : fot <https://pohjarannik.postimees.ee/6689815/anname-kohtla-jarvele-ulikoolilinna-nao>

**Anne Muldme: hoidke end maailmale lahti!**  
**Muldme, Anne** Mente et Manu 2019 / lk. 40 : portr [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est) [https://www.ttu.ee/public/m/mente-et-manu/MM\\_03\\_2019/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_03_2019/mobile/index.html)

**The annexation of Crimea : a realist look from the energy resources perspective**  
**Keypour, Javad; Hendla, Ivar** Baltic journal of European studies 2019 / p. 148-165 : ill <https://doi.org/10.1515/bjes-2019-0027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Annual performance analysis of heat emission in radiator and underfloor heating systems in the European reference room**  
**Võsa, Karl-Villem; Ferrantelli, Andrea; Kurnitski, Jarek** E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019 / art. 04009, 8 p <https://doi.org/10.1051/e3sconf/201911104009> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Annual report 2018 / TalTech**  
**Aaviksoo, Jaak** 2019 [https://www.ester.ee/record=b1968466\\*est](https://www.ester.ee/record=b1968466*est)

**Antibacterial activity of 24 L-phenylalanine derived surface-active ionic liquids (SAILs) towards two clinically relevant pathogens**  
**Kusumahastuti, Dewi Kurnianingsih Arum; Sihtmäe, Mariliis; Gathergood, Nicholas; Kahru, Anne** Journal of international scientific publications : ecology & safety 2019 / p. 16-28 : ill <https://www.scientific-publications.net/en/article/1001856/>

**Antifungal agents in agriculture : friends and foes of public health**  
**Brauer, Veronica Soares; Rezende, Caroline Patini; Pessoni, Andre Moreira; De Paula, Renato Graciano; Rangappa, Kanchugarakoppal S.; Nayaka, Siddaiah Chandra; Gupta, Vijai Kumar; Almeida, Fausto** Biomolecules 2019 / art. 521  
<https://doi.org/10.3390/biom9100521> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Aortic augmentation index is dependent on bodyside in healthy young subjects**  
**Einstein, Sandra; Pilt, Kristjan; Palmar, Merlin; Meigas, Kalju; Viigimaa, Margus** High Blood Pressure & Cardiovascular Prevention 2019 / p. 375-382 : ill <https://doi.org/10.1007/s40292-019-00335-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Apolipoprotein C-II mimetic peptide is an efficient activator of lipoprotein lipase in human plasma as studied by a calorimetric approach**

**Reimund, Mart**; Wolska, Anna; **Risti, Robert**; Wilson, Sierra; Sviridov, Denis O.; Remaley, Alan T.; **Lõokene, Aivar** Biochemical and biophysical research communications 2019 / p. 67-72 <https://doi.org/10.1016/j.bbrc.2019.08.130> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Applicability of spiral drawing test for mental fatigue modelling**

**Senkiv, Olesja**; **Nõmm, Sven**; Toomela, Aaro IFAC-PapersOnLine 2019 / p. 190-195 : ill <https://doi.org/10.1016/j.ifacol.2019.01.064> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Application and Behavior of Nanomaterials in Water Treatment**

##### **Special issue of Nanomaterials**

2019 [http://www.mdpi.com/journal/nanomaterials/special\\_issues/nano\\_water](http://www.mdpi.com/journal/nanomaterials/special_issues/nano_water) <https://doi.org/10.3390/books978-3-03921-172-2>

#### **Application of Haar wavelet method for solving nonlinear evolution equations**

**Ratas, Mart** International Conference of Numerical Analysis and Applied Mathematics, ICNAAM 2018 : 13-18 September 2018, Rhodes, Greece 2019 / art. 330004, p. 1–4 <https://doi.org/10.1063/1.5114342> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Application of HOHWM for vibration analysis of nanobeams**

**Kirs, Maarjuss**; **Eerme, Martin**; Bassir, David; **Tungel, Ernst** Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia 2019 / p. 230-235 <https://www.scientific.net/KEM.799.230> [https://www.ester.ee/record=b5235278\\*est](https://www.ester.ee/record=b5235278*est) <https://doi.org/10.4028/www.scientific.net/KEM.799.230> [Conference proceeding at Scopus](#) [Article at Scopus](#)

#### **Application of metal-doped organic aerogels for photodegradation of antibiotics in water**

**Bolobajev, Juri**; **Kask, Maarja**; **Koel, Mihkel** Chemical industry digest 2019 / p. 92–95 <http://chemindigest.com/chemical-industry-digest-june-2019/>

#### **Application of metal-doped organic aerogels for photodegradation of trimethoprim in water**

**Kask, Maarja**; **Koel, Mihkel**; **Bolobajev, Juri** Aerogels processing, modeling and environmental-driven applications : book of abstracts. 2019 / p. 28

#### **Application of thermal analysis techniques for studying the possibilities of utilization of oil shale ashes formed at electricity production in Estonia**

**Kaljuvee, Tiit**; **Uibu, Mai**; **Einard, Marve**; **Yörük, Can Rüstü**; **Trikkell, Andres**; **Kuusik, Rein**, **keemik** 5th Central and Eastern European Conference on Thermal Analysis and Calorimetry & 14th Mediterranean Conference on Calorimetry and Thermal Analysis , 27-30 August 2019, Roma, Italy: CEEC-TAC5 & Medicta2019 : book of abstracts 2019 / p. 47 <http://www.ceec-tac.org/download.php?f=../download/BoA%20CEEC-TAC5%20Medicta2019.pdf>

#### **Application of thermal analysis to study vaporization parameters of narrow boiling range oil fractions**

**Oja, Vahur** 5th Central and Eastern European Conference on Thermal Analysis and Calorimetry & 14th Mediterranean Conference on Calorimetry and Thermal Analysis , 27-30 August 2019, Roma, Italy: CEEC-TAC5 & Medicta2019 : book of abstracts 2019 / p. 39 <http://www.ceec-tac.org/download.php?f=../download/BoA%20CEEC-TAC5%20Medicta2019.pdf>

#### **Application specific true critical paths identification in sequential circuits**

**Jürimägi, Lembit**; **Ubar, Raimund-Johannes**; **Jenihhin, Maksim**; **Raik, Jaan**; **Devadze, Sergei**; **Oyeniran, Adeboye Stephen** 2019 IEEE 25th International Symposium on On-Line Testing and Robust System Design (IOLTS 2019) : 1-3 July 2019, Greece 2019 / p. 299-304 : ill <https://doi.org/10.1109/IOLTS.2019.8854442>

#### **Applied wave mathematics II : selected topics in solids, fluids, and mathematical methods and complexity**

2019 <https://doi.org/10.1007/978-3-030-29951-4> [https://www.ester.ee/record=b5303400\\*est](https://www.ester.ee/record=b5303400*est)

#### **Applying reinforcement learning method for real-time energy management**

**Borhan Dayani, Aida**; **Fazlollahabadi, Hamed**; **Ahmadihangar, Roya**; **Rosin, Argo** 2019 IEEE International Conference on Environment and Electrical Engineering and 2019 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe) 2019 / 5 p. : ill <https://doi.org/10.1109/EEEIC.2019.8783766>

#### **Applying the concept of entrepreneurial ecosystems in Estonia**

**Reidolf, Merli**; **Küttim, Merle**; **Michelson, Aleksandr**; **Rozeik, Helena**; **Kallaste, Marianne** Zeitschrift für Wirtschaftsgeographie 2019 / p. 134-145 : ill <https://doi.org/10.1515/zfw-2018-0028>

#### **Applying the correction for undecomposed carbonates to gross calorific values of oil shales from different deposits**

**Pihl, Olga**; **Tšepelevitš, Maria**; **Burko, Maria**; **Siirde, Andres** Oil shale 2019 / p. 250–256 : ill [http://www.kirj.ee/public/oilshale\\_pdf/2019/issue\\_2S/OS-2019-2S-250-256.pdf](http://www.kirj.ee/public/oilshale_pdf/2019/issue_2S/OS-2019-2S-250-256.pdf) <https://doi.org/10.3176/oil.2019.2S.13> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Arbavere maapõue uuringukeskus**

**Bauert, Heikki** Aastaraamat 2018 / Eesti Geoloogiateenistus 2019 / lk. 33-34 [https://www.ester.ee/record=b5258416\\*est](https://www.ester.ee/record=b5258416*est)  
[https://www.ester.ee/record=b5231712\\*est](https://www.ester.ee/record=b5231712*est)

### **Archaean phosphates: a case study of transformation processes in apatite from the Barberton greenstone belt**

Birski, Łukasz; Slaby, Ewa; Wirth, Richard; Koch-Müller, M.; Simon, K.; Wudarska, Alicja; **Lepland, Aivo** Contributions to mineralogy and petrology 2019 / 25 p. : ill <https://doi.org/10.1007/s00410-019-1560-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Arctic freshwater natural capital in the Nordic countries**

Oinonen, Soili; Pohjola, Johanna; Salminen, Jani; **Nömmann, Tea** 2019 <http://norden.diva-portal.org/smash/record.jsf?pid=diva2%3A1282581&dsid=-9246> <https://doi.org/10.6027/TN2019-505>

### **Are annual report graphs being used for making performance attributions?**

**Laidroo, Laivi** International journal of business communication 2019 / p. 476-504 : tab <https://doi.org/10.1177/2329488416668838>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Are students' mindsets those of typical start-up founders?**

**Rungi, Mait** Higher Education, Skills and Work-based Learning 2019 / p. 588 - 602 <https://doi.org/10.1108/HESWBL-07-2018-0074>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Arhitektuurikoolide lõpuvile**

Kiivet, Elo Sirp 2019 / lk. 25-26 : fot [https://www.ester.ee/record=b1072938\\*est](https://www.ester.ee/record=b1072938*est) <https://www.sirp.ee/s1-artiklid/arhitektuur/arhitektuurikoolide-lopuvile/>

### **Arhitektuurilugu muutnud eestlane : [ehitusinsener August Komendant]**

Kolk, Tiina Postimees 2019 / lk. 20-21 : ill <https://leht.postimees.ee/6858799/arhitektuurilugu-muutnud-eestlane>  
[https://www.ester.ee/record=b1072778\\*est](https://www.ester.ee/record=b1072778*est)

### **Arhitektuurimuuseum avab näituse XX sajandi ehituskultuuri suurkujust August Komendandist [Võrguväljaanne]**

Maarits, Merit kultuur.err.ee 2019 / fot [Arhitektuurimuuseum avab näituse XX sajandi ehituskultuuri suurkujust August Komendandist](#)

### **Arstide tehisintellekt**

**Tõugu, Enn** Postimees 2019 / AK, lk. 4 [Enn Tõugu: arstide tehisintellekt](#)

### **Artificial intelligence yesterday, today and tomorrow**

Jaakkola, Hannu; **Henno, Jaak**; Mäkelä, Jukka; Thalheim, Bernhard 2019 42nd International Convention on Information and Communication Technology, Electronics and Microelectronics (MIPRO) : May 20 – 24, 2019, Opatija, Croatia : proceedings 2019 / p. 860 - 867 : ill <https://doi.org/10.23919/MIPRO.2019.8756913>

### **Arukas droon lennutas kohale pitsa ja teeb keskkonnaressursside seiret**

Mente et Manu 2019 / lk. 31 : fot [https://www.ttu.ee/public/m/mente-et-manu/MM\\_05\\_2019/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_05_2019/mobile/index.html)  
[https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

### **Arvamusi akadeemikutelt : Jüri Engelbrecht, Leo Mõtus**

**Engelbrecht, Jüri; Mõtus, Leo** Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2018 2019 / lk. 30-31

### **Asfaldiliidu üliõpilaspriimid läksid Tallinna Tehnikakõrgkooli ja TalTechi lõpetajatele**

Ehitaja 2019 / lk. 11 : fot [https://www.ester.ee/record=b1072123\\*est](https://www.ester.ee/record=b1072123*est)

### **The Asian experience for Europe : new perspectives**

**Vernygora, Vlad Alex**; Holland, Martin; Chaban, Natalia; **Kerikmäe, Tanel** Baltic journal of European studies 2019 / p. 3-5  
<https://doi.org/10.1515/bjes-2019-0010> [https://www.ester.ee/record=b2675037\\*est](https://www.ester.ee/record=b2675037*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Asjade vald : essee**

**Saat, Mari** Looming 2019 / lk. 545-550 [http://www.ester.ee/record=b1072522\\*est](http://www.ester.ee/record=b1072522*est)

### **Aspects of personal data protection from state and citizen perspectives - case of Georgia**

**Tsulukidze, Mariam; Nyman-Metcalf, Katrin Merike; Tsap, Valentyna; Pappel, Ingrid; Draheim, Dirk** Digital Transformation for a Sustainable Society in the 21st Century 18th IFIP WG 6.11 : Conference on e-Business, e-Services, and e-Society, I3E 2019 Trondheim, Norway, September 18–20, 2019 : proceedings 2019 / p. 476-488 [https://doi.org/10.1007/978-3-030-29374-1\\_39](https://doi.org/10.1007/978-3-030-29374-1_39)  
[Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

### **Assessing amyloid pathology in cognitively normal subjects using 18F-flutemetamol PET : comparing visual reads and**

## quantitative methods

Collij, Lyduine E.; Konijnenberg, Elles; **Reimand, Juhan**; Kate, Mara ten; den Braber, Anouk; Alves, Isadora Lopes; Zwan, Marissa; Yaqub, Maqsood; van Assema, Daniëlle M.E.; Wink, Alle Meije *Journal of nuclear medicine* 2019 / 7 p. : ill <https://doi.org/10.2967/jnumed.118.211532> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Assessing the openness and conviviality of open source technology : The case of the WikiHouse

**Priavoulou, Christina**; Niaros, Vasileios *Sustainability* 2019 / art. 4746, 16 p. : ill <https://doi.org/10.3390/su11174746> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## An assessment and quantification of sea surface currents using satellite altimetry, in-situ and hydrodynamic model data for the Gulf of Finland, Baltic Sea

**Delpeche-Ellmann, Nicole Camille**; Viikmäe, Bert; Pindsoo, Katri; Soomere, Tarmo 2019 European Space Agency Living Planet Symposium 2019 / [1] p <https://lps19.esa.int/NikaWebsitePortal/living-planet-symposium-2019/lps19/Speaker>

## Assessment of abrasive powder behaviour during impact-abrasive wear of PCD elements

**Gomon, Dmitri**; Auriemma, Fabio; Antonov, Maksim *Wear* 2019 / p. 151-161 : ill <https://doi.org/10.1016/j.wear.2019.03.024> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Assessment of along-normal uncertainties for application to terrestrial laser scanning surveys of engineering structures

**Mill, Tarvo**; Ellmann, Artu *Survey review* 2019 / p. 1-16 : ill <https://doi.org/10.1080/00396265.2017.1361565> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Assessment of eutrophication status based on sub-surface oxygen conditions in the Gulf of Finland (Baltic Sea)

**Stoicescu, Stella-Theresa**; Lips, Urmas; Liblik, Taavi *Frontiers in marine science* 2019 / art. 54, 16 p. : ill <https://doi.org/10.3389/fmars.2019.00054> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Assessment of indoor air quality and hygrothermal conditions of boarders during autumn, winter and spring in two of Estonian straw-bale houses

**Raamets, Jane**; Ruus, Aime; Ivask, Mari *Cold Climate HVAC 2018 : Sustainable buildings in cold climates : proceedings of the 9th Cold Climate HVAC conference, Kiruna, Sweden, 2018, 12-15 March 2019* / p. 815-823 [https://doi.org/10.1007/978-3-030-00662-4\\_68](https://doi.org/10.1007/978-3-030-00662-4_68)

## Assessment of marine geoid models by shipborne GNSS and airborne laser scanning profiles

**Varbla, Sander**; Ellmann, Artu [EUREF2019 abstracts] 2019 / p. [59] <https://www.maaamet.ee/euref2019/EUREF2019-Abstracts.pdf>

## Assessment of objective symptoms of depression in occupational health examination

**Pöld, Toomas**; Päeske, Laura; Bachmann, Maie; Lass, Jaanus; Hinrikus, Hiie *Journal of occupational and environmental medicine* 2019 / p. 605-609 <https://doi.org/10.1097/JOM.0000000000001622> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Assessment of psychosocial risk factors and their impact on health-care workers' mental health : an empirical study in Estonian nursing homes

Sepp, Jaana; **Järvis, Marina**; Reinhold, Karin *Research in economics and business : Central and Eastern Europe* 2019 / p. 17-32 [https://www.ester.ee/record=b2590050\\*est](https://www.ester.ee/record=b2590050*est)

## Assessment of the toxic effects of mixtures of three lanthanides (Ce, Gd, Lu) to aquatic biota

Romero-Freire, A.; Joonas, E.; **Muna, Marge**; Cossu-Leguille, C.; Vignati, D.A.L.; **Giamberini, L.** *Science of the total environment* 2019 / p. 276-284 : ill <https://doi.org/10.1016/j.scitotenv.2019.01.155> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Association between renal function and troponin T over time in stable chronic kidney disease patients

Chesnaye, Nicholas C.; Szummer, Karolina; Bárány, Peter; Heimbürger, Olof; Magin, Hasan; Almqvist, Tora; **Uhlin, Nils Fredrik Arne** *Journal of the American heart association* 2019 / art. e013091, 18 p. : ill <https://doi.org/10.1161/JAHA.119.013091> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Astusin sõnatult kontoriuksest välja. Jäädavalt

Traks, Kristina *Tervis Pluss* 2019 / lk. 42-44 : fot [http://www.ester.ee/record=b1453514\\*est](http://www.ester.ee/record=b1453514*est)

## Asymmetric Biginelli-like reaction catalyzed by chiral TADDOL-derived phosphoric acid bearing two hydroxyl groups

Guo, Jianxin; Zhang, Rui; Yin, Zhongyou; Hu, Xiaoyun; **Borovkov, Victor** *The 23rd International Electronic Conference on Synthetic Organic Chemistry* 15 nov 2019 - 15 dec 2019 2019 / 8 p. : ill <https://doi.org/10.3390/ecsoc-23-06647>

## Asymmetric Kulinkovich hydroxycyclopropanation of alkenes mediated by titanium(IV) TADDOLate complexes

**Iskryk, Marharyta**; Barysevich, Maryia; Ošeka, Maksim; Adamson, Jasper; **Kananovich, Dzmitry** *Synthesis* 2019 / p. 1935-1948 : ill <https://doi.org/10.1055/s-0037-1611709> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Asymmetric organocatalytic Michael addition–cyclisation cascade of cyclopentane-1,2-dione with alkylidene

**malononitriles**

**Silm, Estelle; Kaabel, Sandra; Järving, Ivar; Kanger, Tõnis** Synthesis 2019 / p. 4198-4204 <https://doi.org/10.1055/s-0039-1690484>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Attribute evaluation on attack trees with incomplete information : a preprint**

**Buldas, Ahto;** Gadyatskaya, Olga; **Lenin, Aleksandr;** Mauw, Sjouke; Trujillo-Rasua, Roland arXiv.org 2019 / 21 p. : ill  
<http://arxiv.org/abs/1812.10754>

**Au/Ga2O3/ZnO heterostructure nanorods arrays for effective photoelectrochemical water splitting**

**Abdalla, Akram;** Khan, Ibrahim; Sohail, Manzar; Qurash, Ansanulhaq Solar energy 2019 / p. 333-338 : ill  
<https://doi.org/10.1016/j.solener.2019.01.065> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Audiovisual emotion recognition in wild**

Avots, Egils; Sapinski, Tomasz; **Bachmann, Maie;** Kaminska, Dorota Machine Vision and Applications 2019 / p. 975-985 : ill  
<https://doi.org/10.1007/s00138-018-0960-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Audoktorid : [promoveeritud välisülikoolides : Tarmo Soomere Klaipeda ülikooli audoktoriks]**

Eesti Teaduste Akadeemia sõnas ja pildis 2018 2019 / lk. 68-70 : portr

**August Komendant - betoonist võlutud tippinsener**

Lige, Carl-Dag Maaleht 2019 / lk. 42-43 : portr., fot <https://maaleht.delfi.ee/malu/innovatsioonist-oli-tippinsener-august-komendant-kindlasti-huvitatud-betoon-oli-tema-elu-armastus?id=88243651> [https://www.ester.ee/record=b1072541\\*est](https://www.ester.ee/record=b1072541*est)

**Author correction: First crystal structure of an endo-levanase – the BT1760 from a human gut commensal Bacteroides thetaiotaomicron (Scientific Reports, (2019), 9, 1, (8443), 10.1038/s41598-019-44785-0)**

Ernits, Karin; **Eek, Priit; Lukk, Tiit;** Visnapuu, Triinu; Alamäe, Tiina Scientific reports 2019 / art. 17512, 1 p.  
<https://doi.org/10.1038/s41598-019-54274-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Automated photo categorization for digital forensic analysis using a machine learning-based classifier**

**Castillon Del Mar, Joanna Rose** Proceedings of the 5th Interdisciplinary Cyber Research Conference 2019 : 29th of June 2019, Tallinn University of Technology 2019 / p. 82-84 [https://www.ester.ee/record=b5238490\\*est](https://www.ester.ee/record=b5238490*est)

**Automatic implementation-time usability evaluation for web user interfaces = Veebi kasutajaliidese kasutatavuse automaatne hindamine realiseerimisfaasis**

**Marenkov, Jevgeni** 2019 [https://www.ester.ee/record=b5231048\\*est](https://www.ester.ee/record=b5231048*est)

**Autonomous wireless sensor networks : implementation of transient computing and energy prediction for improved node performance and link quality**

**Ahmed, Faisal;** Kervadec, Corentin; **Le Moullec, Yannick; Tamberg, Gert; Annus, Paul** The Computer Journal 2019 / p. 820 - 837  
<https://doi.org/10.1093/comjnl/bxy101> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Autonoomsed intelligentset tehnoloogiad ja õigusruum : ettekanne**

**Kerikmäe, Tanel** Eesti Krati tegevuskava koostamise lõpuseminar, TalTech, 28.05.2019 2019 / 18 l  
[https://docs.wixstatic.com/ugd/89dea2\\_c9baeef025a945c2a9585179074fd189.pdf](https://docs.wixstatic.com/ugd/89dea2_c9baeef025a945c2a9585179074fd189.pdf)

**Autonoomsete intelligentsete tehnoloogiate kasutamise seotud küsimuste reguleerimiseks vajalike õigusloome probleemide tuvastamine ja lahendusettepanekute tegemine : II etapi aruanne**

**Kerikmäe, Tanel; Nyman-Metcalf, Katrin Merike;** Tehver, Jaanus; **Hoffmann, Thomas; Taveter, Kuldar; Liiv, Innar; Pärn-Lee, Evelin;** Salumaa-Lepik, Kärt vt. ka Salumaa, Kärt; **Antonov, Alexander;** Rozeik, Helena 2019

**Autonoomsete intelligentsete tehnoloogiate kasutamise seotud õiguslikud küsimused**

**Kerikmäe, Tanel;** Tehver, Jaanus kratid.ee 2019 / 16 lk <https://www.kratid.ee/uritused>  
[https://docs.wixstatic.com/ugd/89dea2\\_3c63d3939c7f42eb91c4498a5eef4a81.pdf](https://docs.wixstatic.com/ugd/89dea2_3c63d3939c7f42eb91c4498a5eef4a81.pdf)

**Autonoomsuse esimene reegel : ole teadlik ümbritsevast!**

**Sahk, Tarmo; Hartikainen, Anni** Mente et Manu 2019 / lk. 42-45 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)  
[https://www.ttu.ee/public/m/mente-et-manu/MM\\_03\\_2019/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_03_2019/mobile/index.html)

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

2019 [https://www.ester.ee/record=b5273602\\*est](https://www.ester.ee/record=b5273602*est)

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

2019 [https://www.ester.ee/record=b5273643\\*est](https://www.ester.ee/record=b5273643*est)

**Avalike elektrivõrkude pinge tunnussuured [Võrguteavik] = Voltage characteristics of electricity supplied by public electricity networks**  
2019

**Avalikkuse nõusolekuta pole võimalik Ahtmesse õlitehast teha**  
**Utt, Jüri** Põhjarannik 2019 / lk. 4 <https://dea.digar.ee/cgi-bin/dea?a=d&d=pohjarannik20190328>

**Avameelselt spikerdamisest : kellele ja miks?**  
Läll, Anne-Mary Studioosus 2019 / lk. 22-23 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

**Avatud laborid toovad ülikooli ettevõtetele ja tarbijatele lähemale**  
**Pärgmäe, Reet** Mente et Manu 2019 / lk. 49-51 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est) [https://www.ttu.ee/public/m/mente-et-manu/MM\\_03\\_2019/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_03_2019/mobile/index.html) [https://artiklid.elnet.ee/record=b2874810\\*est](https://artiklid.elnet.ee/record=b2874810*est)

**Avatud uste päev**  
Mente et Manu 2019 / lk. 46-47 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est) <https://taltech.ee/avalehekulg/?category=128006#newsTabsMenu> [https://www.ttu.ee/public/m/mente-et-manu/MM\\_01\\_2019/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_01_2019/mobile/index.html)

**Average residual stresses in hard Physical Vapor Deposited (PVD) coatings**  
Lille, Harri; Ryabchikov, Alexander; Kõo, Jakob; **Mikli, Valdek; Adoberg, Eron; Vagiström, Heinar; Kübarsepp, Jakob; Peetsalu, Priidu** Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia 2019 / p. 20-25 : ill <https://doi.org/10.4028/www.scientific.net/KEM.799.20> <https://www.scientific.net/KEM.799.20> [https://www.ester.ee/record=b5235278\\*est](https://www.ester.ee/record=b5235278*est) Conference proceeding at Scopus Article at Scopus

**Avoiding amino acid depletion in a complex medium results in improved Escherichia coli BW25113 growth**  
**Maser, Andres; Peebo, Karl;** Nahku, Ranno Microbiology 2019 / p. 37-46 : ill <https://doi.org/10.1099/mic.0.000742> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Axial and torsional buckling analysis of single- and multi-walled carbon nanotubes : finite element comparison between armchair and zigzag types**  
**Rahmani Ahranjani, Ramin; Antonov, Maksim** SN Applied Sciences 2019 / art. 1134, 13 p. : ill <https://doi.org/10.1007/s42452-019-1190-0>

**Axial synchronous magnetic coupling modeling and printing with selective laser melting**  
**Tiismus, Hans; Kallaste, Ants; Vaimann, Toomas; Rassõlkin, Anton; Belahcen, Anouar** 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019 : conference proceedings 2019 / 4 p. : ill <https://doi.org/10.1109/RTUCON48111.2019.8982344>

**Bakterid eemaldavad põlevkivist ja poolkoksist väävliühendid ja raskmetallid**  
Mente et Manu 2019 / lk. 11 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est) <https://taltech.ee/avalehekulg/?category=128006#newsTabsMenu> [https://www.ttu.ee/public/m/mente-et-manu/MM\\_01\\_2019/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_01_2019/mobile/index.html)

**Ballastseadist sisaldavad üldtarbevalgustuse valgusdiodlambid pingega üle 50 V [Võrguteavik] : ohutusnõuded = Self-ballasted LED-lamps for general lighting services by voltage > 50 V : safety specifications (IEC 62560:2011, modified+corrigendum Jan. 2012+A1:2015)**  
2019 [https://www.ester.ee/record=b5233464\\*est](https://www.ester.ee/record=b5233464*est)

**Ballastseadist sisaldavad üldtarbevalgustuse valgusdiodlambid pingega üle 50 V [Võrguteavik] : ohutusnõuded = Self-ballasted LED-lamps for general lighting services by voltage > 50 V : safety specifications (IEC 62560:2011, modified+corrigendum Jan. 2012+A1:2015)**  
2019 [https://www.ester.ee/record=b5234038\\*est](https://www.ester.ee/record=b5234038*est)

**Baltic journal of European studies**  
2019 [https://www.ester.ee/record=b2675037\\*est](https://www.ester.ee/record=b2675037*est) [https://www.ester.ee/record=b2675055\\*est](https://www.ester.ee/record=b2675055*est)

**Baltic journal of European studies**  
2019 [https://www.ester.ee/record=b2675037\\*est](https://www.ester.ee/record=b2675037*est) [https://www.ester.ee/record=b2675055\\*est](https://www.ester.ee/record=b2675055*est) <https://dea.digar.ee/cgi-bin/dea?a=is&oid=JVbalticeuropstudi201910&type=staticpdf>

**Baltic journal of European studies**  
2019 [https://www.ester.ee/record=b2675037\\*est](https://www.ester.ee/record=b2675037*est) [https://www.ester.ee/record=b2675055\\*est](https://www.ester.ee/record=b2675055*est)

**Baltic journal of European studies**  
2019 [https://www.ester.ee/record=b2675037\\*est](https://www.ester.ee/record=b2675037*est) [https://www.ester.ee/record=b2675055\\*est](https://www.ester.ee/record=b2675055*est)

**Baltic Sea wave climate variability and its connection with climatic indices deduced from Empirical Orthogonal Functions**  
Najafzadeh, Fatemeh; Kudryavtseva, Nadezhda; Soomere, Tarmo Abstracts : [BSSC 2019] 2019 / p. 125  
[https://www.su.se/polopoly\\_fs/1.446756.1566224624!/menu/standard/file/abstracts\\_A5\\_ny.pdf](https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf)

**Baltimaade ülikoolidelt kooliõpetajatele : materjalid insenerihariduse populariseerimiseks**

Ševtšenko, Eduard Mente et Manu 2019 / lk. 42-45 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est) [https://www.ttu.ee/public/m/mente-et-manu/MM\\_01\\_2019/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_01_2019/mobile/index.html)

**The band structure of CuInTe2 studied by optical reflectivity**

Yakushev, Michael V.; Mudrov, Andrej; Kärber, Erki Applied physics letters 2019 / art. 062103, 4 p. : ill  
<https://doi.org/10.1063/1.5079971> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Banking market competition in Europe—financial stability or fragility enhancing?**

Ahi, Kalle; Laidroo, Laivi Quantitative finance and economics 2019 / p. 257-285 : ill <https://doi.org/10.3934/QFE.2019.2.257>

**Batch and fed-batch ethanol fermentation of cheese-whey powder with mixed cultures of different yeasts**

Farkas, Csilla; Rezessy-Szabo, Judit M.; Gupta, Vijai Kumar; Bujna, Erika; Pham, Tuan M.; Pásztor-Huszár, K.; Friedrich, László; Bhat, Rajeev; Thakur, Vijay Kumar; Nguyen, Quang D. Energies 2019 / Art. 4495 <https://doi.org/10.3390/en12234495> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Beach nourishment pattern-placement along the Gold Coast**

Colleter, Gildas; Parnell, Kevin Ellis; Wharton, Courtney; Hunt, Shannon Australasian Coasts and Ports 2019 Conference : Future directions from 40 [degrees] S and beyond, Hobart, 10-13 September 2019 2019 / p. 206-212  
<https://search.informit.org/documentSummary;res=IELENG;dn=796304364041360> <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075085429&partnerID=40&md5=d5477f4f696557d7b911063c8111d65c>

**Behavioral aspects of auditing and the auditor's decision-making as a key cognitive process in the case of fraud**

Vassiljev, Maria; Alver, Lehte Zeszyty teoretyczne rachunkowosci = Theoretical journal of accounting 2019 / p. 149-169  
<https://doi.org/10.5604/01.3001.0013.4360>

**Behavioural compass : animal behaviour recognition using magnetometers**

Chakravarty, Pritish; Maalberg, Maiki; Cozzi, Gabriele; Ozgul, Arpat; Aminian, Kamiar Movement Ecology 2019 / Art. nr. 28  
<https://doi.org/10.1186/s40462-019-0172-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Benefits of Protected Area Network Status : Pilot study at Bieszczady National Park, Poland [re-print]**

Cottrell, Stuart; Raadik Cottrell, Jana The Journal Of Tourism 2019 / p. 57-71 : ill <https://www.jothnbgui.in/article/Journal%20XX-2-2019%20final.pdf>

**Benefits, Challenges, and Opportunities of Conducting a Collaborative Research Course in an International University Partnership : A Study Case Between Kansas State University and Tallinn University of Technology**

Lezama-Solano, Adriana; Castro, Mauricio; Chambers, Delores; Timberg, Loreida; Koppel, Kadri Journal of food science education 2019 / p. 78-86 : ill <https://doi.org/10.1111/1541-4329.12162> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Benzyne-mediated nonconcerted pathway toward synthesis of sterically crowded [5]- and [7]oxahelicenoids, stereochemical and theoretical studies, and optical resolution of helicenoids**

Gawade, Prashant M.; Khose, Vaibhav N.; Badani, Purav M.; Kaabel, Sandra; Borovkov, Victor Journal of organic chemistry 2019 / p. 860-868 : ill <https://doi.org/10.1021/acs.joc.8b02507> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Berliini müüri langemine : juhuslikult sündmuste keskel**

Mäeltsemees, Sulev Õhtuleht 2019 / lk. 11 <https://www.oh tuleht.ee/982527/30-aastat-berliini-muuri-langemisest-juhuslikult-sundmuste-keskel>  
[https://www.ester.ee/record=b1408161\\*est](https://www.ester.ee/record=b1408161*est)

**Betoonelementide tolerantsid**

Leosk, Vaido; Aeg, Kirsti; Tuisk, Tanel 2019 [https://www.ester.ee/record=b5248312\\*est](https://www.ester.ee/record=b5248312*est)

**Betoonist võlutud : insener August Komendandi pärand**

Diivan 2019 / lk. 35 : portr [https://www.ester.ee/record=b1923536\\*est](https://www.ester.ee/record=b1923536*est)

**Betooniühingu uus juhend - BÜ9 : Betoonelementide tolerantsid**

EhitusEST 2019 / lk. 26 <https://ehitusest.ee/uudis/2019/09/13/betoonelementide-tolerantsid/> [https://www.ester.ee/record=b4442657\\*est](https://www.ester.ee/record=b4442657*est)

**Betooniühingu üliõpilastööde preemiad läksid Eesti Maaülikooli ja Tallinna Tehnikaülikooli**

Ehitaja 2019 / lk. 10 : fot [https://www.ester.ee/record=b1072123\\*est](https://www.ester.ee/record=b1072123*est)

**Betooniühingu üliõpilastööde preemiad läksid kolme kõrgkooli**

Ehitaja 2019 / lk. 10 : fot [https://www.ester.ee/record=b1072123\\*est](https://www.ester.ee/record=b1072123*est)

**Betooniühingul uus juhend - "BÜ7 : Betoonpõrandad"**

Ehitaja 2019 / lk. 10 : fot [http://www.ester.ee/record=b1072123\\*est](http://www.ester.ee/record=b1072123*est)

**Between EU membership and the sanctions regime against Russia: Factors behind the collapse of Estonian transit sector**

Veebel, Viljar; **Markus, Raul** Romanian journal of European affairs 2019 / p. 107-130 : ill [https://heinonline.org/HOL/Page?collection=journals&handle=hein.journals/rojaeuf19&id=223&men\\_tab=srchresults](https://heinonline.org/HOL/Page?collection=journals&handle=hein.journals/rojaeuf19&id=223&men_tab=srchresults) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Between sustainability, social cohesion and security regional development in Northeastern Estonia**

**Prause, Gunnar Klaus; Tuisk, Tarmo; Olaniyi, Eunice Omolola** Entrepreneurship and sustainability issues 2019 / p. 1235-1254 [https://doi.org/10.9770/jesi.2019.6.3\(13\)](https://doi.org/10.9770/jesi.2019.6.3(13)) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Beyond the genre : approaching travel (and) writing through interviews with authors and bloggers unabridged edition**  
**Calzati, Stefano** 2019

**Bidding strategy of a microgrid considering risk interdependence between electricity and carbon markets**

Yan, Yuan; Lin, Zihan; **Wen, Fushuan; Palu, Ivo** 2019 IEEE Power & Energy Society General Meeting (PESGM) 2019 / 5 p. : ill <https://doi.org/10.1109/PESGM40551.2019.8974139>

**Bidirectional DC-DC converter with extended ZVS/ZCS range for storage applications**

**Blinov, Andrei** 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings] 2019 / p. 31-32 : ill [https://www.ester.ee/record=b5183874\\*est](https://www.ester.ee/record=b5183874*est)

**Bidirectional isolated current-fed soft-switching secondary-modulated DC-DC converters = Isoleeritud kahesuunalised voolutoitelised pehmelülituse ja sekundaarmodulatsiooniga alalisvoolumuundurid**

**Kosenko, Roman** 2019 <https://digi.lib.ttu.ee/i/711237>

**Bidirectional twisted single-stage single-phase buck-boost DC-AC converter**

**Husev, Oleksandr; Matiushkin, Oleksandr;** Roncero-Clemente, Carlos; **Vinnikov, Dmitri;** Chopyk, Vasiliy Energies 2019 / art. 3505, 14 p. : ill <https://doi.org/10.3390/en12183505> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**BIM for construction education : initial findings from a literature review**

**Olowa, Theophilus Oluwarotimi Olatunde; Witt, Emlyn David Qivitoq; Lill, Irene** Proceedings of the 10th Nordic Conference on Construction Economics and Organization (CEO 2019), May 7-8, 2019, Tallinn, Estonia 2019 / p. 305-313 <https://doi.org/10.1108/S2516-285320190000002047>

**BIM-enabled education: a systematic literature review**

**Witt, Emlyn David Qivitoq;** Kähkönen, Kalle Proceedings of the 10th Nordic Conference on Construction Economics and Organization (CEO 2019), May 7-8, 2019, Tallinn, Estonia 2019 / p. 261-269 <https://doi.org/10.1108/S2516-285320190000002042>

**A BIM-Enabled learning environment: a conceptual framework**

**Witt, Emlyn David Qivitoq;** Kähkönen, Kalle Proceedings of the 10th Nordic Conference on Construction Economics and Organization (CEO 2019), May 7-8, 2019, Tallinn, Estonia 2019 / p. 271-279 <https://doi.org/10.1108/S2516-285320190000002020>

**Binary logic vs. fuzzy logic techniques for tuning robust controllers**

**Vodovozov, Valery** 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings] 2019 / p. 49-50 [https://www.ester.ee/record=b5183874\\*est](https://www.ester.ee/record=b5183874*est)

**Bing-CF-IDF+ : a semantics-driven news recommender system**

Brocken, Emma; Hartveld, Aron; Koning, Emma de; Hogenboom, Frederik; Frasinca, Flavius; **Robal, Tarmo** Advanced Information Systems Engineering 31st International Conference, CAiSE 2019, Rome, Italy, June 3-7, 2019, Proceedings 2019 / p. 32-47 [https://doi.org/10.1007/978-3-030-21290-2\\_3](https://doi.org/10.1007/978-3-030-21290-2_3) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

**Bioceramic scaffolds by additive manufacturing for controlled delivery of the antibiotic vancomycin**

**Kamboj, Nikhil Kumar;** Rodriguez, Miguel Angel; **Rahmani Ahranjani, Ramin; Prashanth, Konda Gokuldoss; Hussainova, Irina** Proceedings of the Estonian Academy of Sciences 2019 / p. 185-190 : ill <https://doi.org/10.3176/proc.2019.2.10> [http://www.kirj.ee/public/proceedings\\_pdf/2019/issue\\_2/proc-2019-2-185-190.pdf](http://www.kirj.ee/public/proceedings_pdf/2019/issue_2/proc-2019-2-185-190.pdf) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Biofabrication of zinc oxide nanoparticles with syzygium aromaticum flower buds extract and finding its novel**

### **application in controlling the growth and mycotoxins of Fusarium graminearum**

Lakshmeesha, Thimappa Ramachandrapa; Kalagatur, Naveen Kumar; Mudili, Venkataramana; Mohan, Chakrabhavi Dhananjaya; Rangappa, Shobith; Prasad, Bangari Daruka; Ashwini, Bagepalli Shivaram; Hashem, Abeer; Alqarawi, Abdulaziz A.; **Gupta, Vijai Kumar** Frontiers in microbiology 2019 / art. 1244, 13 p. : ill <https://doi.org/10.3389/fmicb.2019.01244> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Bioimpedance sensors : instrumentation, models, and applications**

Naranjo-Hernández, David; Reina-Tosina, Javier; Buendía, Rubén; **Min, Mart** Journal of Sensors 2019 / art. 5078209 <https://doi.org/10.1155/2019/5078209> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Bioloogiline ravi hüperlipideemia korral**

**Viigimaa, Margus** Bioloogiline ravi : [ajakirja Perearst] erinumber 2019 / lk. 39-43 : portr [https://www.ester.ee/record=b1822433\\*est](https://www.ester.ee/record=b1822433*est)

### **Biomeditsiinitehnika - tehnoloogia tervise heaks**

**Hinrikus, Hiie; Bachmann, Maie; Pilt, Kristjan; Meigas, Kalju; Fridolin, Ivo** Teadusmõtte Eestis (X). Tehnikateadused. 3 : [artiklikogumik] 2019 / lk. 48-58 : ill [https://www.ester.ee/record=b5208765\\*est](https://www.ester.ee/record=b5208765*est)

### **Bioprospecting microalgae from natural algal bloom for sustainable biomass and biodiesel production**

Pandey, Manish K.; Dasgupta, Chitralekha Nag; Mishra, Shashank; Srivastava, Manish; **Gupta, Vijai Kumar**; Suseela, M.R.; Ramteke, Pramod Wasudeo Applied Microbiology and Biotechnology 2019 / p. 5447 - 5458 <https://doi.org/10.1007/s00253-019-09856-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Biosensors for environmental monitoring**

2019 <https://doi.org/10.5772/intechopen.73763>

### **Blockchain and smart contracts for entrepreneurial collaboration in maritime supply chains**

**Philipp, Robert; Prause, Gunnar Klaus**; Gerlitz, Laima Transport and telecommunication journal 2019 / p. 365–378 <https://doi.org/10.2478/tjt-2019-0030> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Blockchain technology for enabling transparent and traceable government collaboration in public project processes of developing economies**

Abodei, Ebizimoh; **Norta, Alexander**; Azogu, Irene; Udokwu, Chibuzor; **Draheim, Dirk** Digital Transformation for a Sustainable Society in the 21st Century 18th IFIP WG 6.11 : Conference on e-Business, e-Services, and e-Society, I3E 2019 Trondheim, Norway, September 18–20, 2019 : proceedings 2019 / p. 464–475 [https://doi.org/10.1007/978-3-030-29374-1\\_38](https://doi.org/10.1007/978-3-030-29374-1_38) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

### **Blockchain, smart contracts und recht - smart contracts als risiko für informatiker**

**Hoffmann, Thomas**; Skwarek, Volker Informatik Spektrum 2019 / p. 197-204 <https://doi.org/10.1007/s00287-019-01180-3> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Book review : Tohvri, Epi. Georges Frédéric Parrot : Tartu Keiserliku Ülikooli esimene rektor. [Georges Frédéric Parrot : the First Rector of the Imperial University of Tartu], Tartu : Tartu Ülikooli Kirjastus, 2019, ISBN 9789949031436, 1072 pp**

Veede, Raul Acta Baltica historiae et philosophiae scientiarum 2019 / p. 166-170 : ill <https://doi.org/10.11590/abhps.2019.3.10>

### **BRICO 2019 : innovaatisusega rabas Kaunase tudengite sild**

**Kamps, Mari** Director. Inseneeria 2019 / lk. 76-80 : fot [http://www.ester.ee/record=b2336521\\*est](http://www.ester.ee/record=b2336521*est) [https://artiklid.elnet.ee/record=b2874825\\*est](https://artiklid.elnet.ee/record=b2874825*est)

### **BRICO 2019 : Poola - Eesti - Leedu maavõistlus**

Kamps, Mari Director. Inseneeria 2019 / lk. 78-81 : fot <https://director.ee/2019/05/02/brico-2019-poola-eesti-leedu-maavoistlus/?v=a57b8491d1d8> [http://www.ester.ee/record=b2336521\\*est](http://www.ester.ee/record=b2336521*est)

### **Broken rotor bar fault detection of the grid and inverter-fed induction motor by effective attenuation of the fundamental component**

**Asad, Bilal; Vaimann, Toomas; Belahcen, Anouar; Kallaste, Ants; Rassõlkin, Anton; Iqbal, Muhammad Naveed** IET electric power applications 2019 / p. 2005–2014 <https://doi.org/10.1049/iet-epa.2019.0350> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Business model innovation and value co-creation in digital entrepreneurial ecosystems**

**Cuc, Julio Estanislao**; Ventura, Rafael; Paredes Escobar, Mario Rolando Revista eficiencia 2019 / p. 83–102 <http://ediciones.ascolf.edu.co/index.php/eficiencia/article/view/14>

### **CAESAR-MPSoC : dynamic and efficient MPSoC security zones**

**Azad, Siavoosh Payandeh**; Tempelmeier, Michael; **Jervan, Gert**; Sepulveda, Johanna 2019 IEEE Computer Society Annual Symposium on VLSI : ISVLSI 2019 : proceedings 2019 / p. 477-482 : ill <https://doi.org/10.1109/ISVLSI.2019.00092>

### **Calcium and phosphate induce different vascular calcification**

**Holmar, Jana;** Jankowski, Joachim; Bhargava, Shruti; Alampour-Rajabi, Setareh Nephrology dialysis transplantation 56th ERA-EDTA Congress Abstracts 2019 / p. 468 : ill <https://doi.org/10.1093/ndt/gfz103.SP323>

### **Calculation analysis of shale oil and power cogeneration**

**Lausmaa, Toomas; Ots, Arvo; Poobus, Arvi; Dedov, Andrei** Oil shale 2019 / p. 19-31 : ill <https://doi.org/10.3176/oil.2019.1.02>  
[http://www.kirj.ee/public/oilshale\\_pdf/2019/issue\\_1/OS-2019-1-19-31.pdf](http://www.kirj.ee/public/oilshale_pdf/2019/issue_1/OS-2019-1-19-31.pdf) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Can climate change be beneficial? [Võrguväljaanne]**

**Parnell, Kevin Ellis** Konverents "Kliimaneutraalsus – häving või edu?" 2019 / 9 | [Can climate change be beneficial? Kliimaneutraalsus – häving või edu? Süsinikuneutraalne majandus nõuab uusi tehnoloogiad paljudes valdkondades](#)

### **Can electrical phenomena be explained with the concept of an "electric family tree"?**

**Järvik, Jaan** 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings] 2019 / p. 45-46 : ill [https://www.ester.ee/record=b5183874\\*est](https://www.ester.ee/record=b5183874*est)

### **Cannulation with sharp or blunt needles for haemodialysis : the importance of cannulation technique for the patient's lifeline**

**Staafl, Karin; Uhlin, Nils Fredrik Arne** Journal of Vascular Access 2019 / p. 161–168 : ill <https://doi.org/10.1177/1129729818788811>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Carbon isotopic composition of Ordovician carbonates in Baltoscandia : shallow marine facies shifting the $\delta^{13}\text{C}_{\text{carb}}$ values in different ways**

**Ainsaar, Leho; Meidla, Tõnu; Hints, Olle** 13th International Symposium on the Ordovician System : Novosibirsk, Russia (July 19-22, 2019) : contributions 2019 / p. 7-8 <http://www.igcp653.org/wp-content/uploads/2019/07/ISOS13Proceedings.pdf>

### **Carbonation of steel slag and gypsum for building materials and associated reaction mechanisms**

**Wang, Xue; Ni, Wen; Li, Jiajie; Zhang, Siqi; Hitch, Michael William;** Pascual, Rodrigo Cement and Concrete Research 2019 / art. 105893, 12 p. : ill <https://doi.org/10.1016/j.cemconres.2019.105893> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Cardiac pacing and monitoring : new methods, modern devices**

2019 [/intechopen.73811](#)

### **A case study on construction of CLT building without preliminary roof**

**Liisma, Eneli; Kalamees, Targo;** Kuus, Babette Liseth; **Kukk, Villu** Proceedings of the I Forum Wood Building Baltic, 2019 : [27.02-1.03.2019, Tallinn] 2019 / p. 44-45 : ill [https://www.ester.ee/record=b5197207\\*est](https://www.ester.ee/record=b5197207*est) <https://www.digar.ee/viewer/et/nlib-digar:409888/350001/page/45>

### **A case study on the construction of a CLT building without a preliminary roof**

**Liisma, Eneli;** Kuus, Babette Liseth; **Kukk, Villu; Kalamees, Targo** Journal of sustainable architecture and civil engineering 2019 / p. 53-62 : ill <https://doi.org/10.5755/j01.sace.25.2.22263>

### **Causality and interpretation : integrating the technical and social aspects of design = Põhjuslikkus ja tõlgendamine : projekteerimise tehniliste ja sotsiaalsete aspektide sidumine**

**Pikas, Ergo** 2019 [https://www.ester.ee/record=b5234938\\*est](https://www.ester.ee/record=b5234938*est) <https://digi.lib.ttu.ee/ii/?11966>

### **CBO updated forecasts: do a few months matter?**

**Douglas, James W.; Raudla, Ringa** The Palgrave handbook of government budget forecasting 2019 / p. 133-152  
[https://doi.org/10.1007/978-3-030-18195-6\\_7](https://doi.org/10.1007/978-3-030-18195-6_7)

### **Cell coverage analysis of a low altitude aerial base station in wind perturbations**

**Sharma, Navuday;** Sharma, Vishal; Magarini, Maurizio; Pervaiz, Haris; **Alam, Muhammad Mahtab; Le Moullec, Yannick** 2019 IEEE Globecom Workshops (GC Wkshps) : Proceedings 2019 / 6 p <https://doi.org/10.1109/GCWkshps45667.2019.9024665>

### **Cell Migration in Microfluidic Devices : Invadosomes Formation in Confined Environments**

**Chi, Pei-Yin; Spuul, Pirjo;** Tseng, Fan-Gang Cell migrations : causes and functions 2019 / p. 79-103 [https://doi.org/10.1007/978-3-030-17593-1\\_6](https://doi.org/10.1007/978-3-030-17593-1_6) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Center of Estonian Language Resources**

Estonian research infrastructure roadmap 2019 2019 / p. 34 : ill [https://www.ester.ee/record=b5251946\\*est](https://www.ester.ee/record=b5251946*est)

### **Center of Nanomaterials Technologies and Research**

Estonian research infrastructure roadmap 2019 2019 / p. 17 : ill [https://www.ester.ee/record=b5251946\\*est](https://www.ester.ee/record=b5251946*est)

### **Certified normalization of generalized traces**

**Maarand, Hendrik; Uustalu, Tarmo** Innovations in Systems and Software Engineering 2019 / p. 253–265

<https://doi.org/10.1007/s11334-019-00347-1> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **The challenge of urban regeneration in a post-socialist city. Gentrification in Supilinn - a district that recovered**

**Nutt, Nele** Acta architecturae naturalis = Maastikuarhitektuurseid uurimusi 2019 / p. 70-83 : phot

[https://www.ester.ee/record=b5183441\\*est](https://www.ester.ee/record=b5183441*est) <https://www.maastikuarhitektuur.ee/acta/article/view/80/70>

### **Challenges and Applications of Impedance-Based Biosensors in Water Analysis**

**Kivirand, Kairi; Min, Mart; Rinken, Toonika** Biosensors for environmental monitoring 2019 <https://doi.org/10.5772/intechopen.89334>

### **The challenges of a stakeholder dialogue : the case of inexhaustible energy for exhaustible consumption**

**Ojasoo, Merle; Roostalu, Lea; Leppiman, Anu; Riivits-Arkonsuo, Ivi** Evolving business models in ecosystem of disruptive technologies and social media 2019 / p. 89-95 : ill

### **Challenges of additive manufacturing of electrical machines**

**Tiismus, Hans; Kallaste, Ants; Belahcen, Anouar; Rassõlkin, Anton; Vaimann, Toomas** 2019 IEEE 12th International Symposium on Diagnostics for Electrical Machines, Power Electronics and Drives (SDEMPED), 27-30 Aug. 2019, Toulouse, France : proceedings 2019 / p. 44-48 : ill <https://doi.org/10.1109/DEMPED.2019.8864850>

### **Challenges of applying e-learning in the libyan higher education system**

**Ghawail, Entisar Alhadi Al; Ben Yahia, Sadok; Alrshah, Mohamed A.** International journal of advanced trends in computer science and engineering 2019 / p. 38-43 : ill <https://doi.org/10.30534/ijtcse/2019/0681.42019> Journal metrics at Scopus Article at Scopus

### **Challenges of civic engagement in the (post-socialist) transitional society : experiences from waterfront urban areas**

**Mezapark in Riga and Kalarand in Tallinn**

**Prilenska, Viktorija; Paadam, Katrin; Liias, Roode** Three decades of post-socialist transition, May 17-18, 2019 : conference programme 2019 / p. 88 <http://tuprints.ulb.tu-darmstadt.de/8635/1/Book%20of%20Abstracts.pdf>

### **Challenges of reliability assessment and enhancement in autonomous systems**

**Jenihhin, Maksim; Sonza Reorda, Matteo; Balakrishnan, Aneesh; Alexandrescu, Dan** 2019 IEEE International Symposium on Defect and Fault Tolerance in VLSI and Nanotechnology Systems (DFT 2019) 2019 / 6 p <https://doi.org/10.1109/DFT.2019.8875379>

### **Chancen und Anforderungen des Single Digital Gateways**

**Krimmer, Robert Johannes; Schmidt, Carsten** Innovative Verwaltung 2019 <https://doi.org/10.1007/s35114-019-0163-x>

### **Change in the parameters of electron-irradiated 4H-SiC Schottky diodes as a function of the time during low-temperature isothermal annealing**

**Korolkov, Oleg; Kozlovski, Vitali V.; Lebedev, Alexander A.; Toompuu, Jana; Sleptsuk, Natalja; Rang, Toomas** Silicon Carbide and Related Materials 2018 : 12th European Conference on Silicon Carbide and Related Materials (ECSCRM 2018) : Selected, peer reviewed papers from the European Conference on Silicon Carbide and Related Materials (ECSCRM 2018), September 2-6, 2018, Birmingham, UK 2019 / p. 734-737 <https://doi.org/10.4028/www.scientific.net/MSF.963.734> Conference proceeding at Scopus Article at Scopus

### **Channel characterization at 2.4 GHz for aerial base station**

**Sharma, Navuday; Magarini, Maurizio; Reggiani, Luca; Alam, Muhammad Mahtab** Procedia computer science 2019 / p. 1092-1099 <https://doi.org/10.1016/j.procs.2019.04.155> Conference proceeding at Scopus Article at Scopus Article at WOS

### **Channel prediction based enhanced throughput and channel aware MAC in SmartBAN standard**

**Khan, Rida; Alam, Muhammad Mahtab; Kuusik, Alar** 2019 16th International Symposium on Wireless Communication Systems (ISWCS) 2019 / p. 463-468 : ill <https://doi.org/10.1109/ISWCS.2019.8877244>

### **Characterisation of 1200 V reverse-blocking IGBTs for naturally commutated HF-link inverter**

**Zinchenko, Denys; Korkh, Oleksandr; Blinov, Andrei; Waind, Peter; Vinnikov, Dmitri** 2019 IEEE 2nd Ukraine Conference on Electrical and Computer Engineering : UKRCON-2019 : conference proceedings 2019 / p. 382-387 : ill <https://doi.org/10.1109/UKRCON.2019.8879900>

### **The characteristics of family business : a comparative analysis of East European countries [Electronic resource]**

**Güldenkeh, Maret; Silberg, Uno** Estonian Discussions on Economic Policy = Eestische Gespräche über Wirtschaftspolitik = Eesti majanduspoliitilised väitlused : Eesti Vabariik – 15 aastat EL-s ja NATO-s. 35 aastat esimesest, nn laevakonverentsist ja ajakirjast „Eesti majanduspoliitilised väitlused“ : prof. dr. Matti Raudjärvele pühendatud eriväljaanne 2019 / p. 63-82 : ill. [CD-ROM] <https://doi.org/10.15157/tpep.v27i1-2.15453>

### **Characterizing atmospheric humidity in Eastern Europe during the last two decades by using GNSS-derived integrated water vapour**

**Post, Piia; Rannat, Kalev; Keernik, Hannes** [EUREF2019 abstracts] 2019 / p. [47] <http://www.maaamet.ee/euref2019/EUREF2019->

**Chemical processes involved in Cu<sub>2</sub>ZnSnSe<sub>4</sub> synthesis and SnS recrystallization in a molten salt medium = Keemilised protsessid Cu<sub>2</sub>ZnSnSe<sub>4</sub> sünteesil ja SnS rekristallisatsioonil sulade soolade keskkonnas**

Leinemann, Inga 2019 <https://digi.lib.ttu.ee/i/?11250> [https://www.ester.ee/record=b5185552\\*est](https://www.ester.ee/record=b5185552*est)

**Chemical vapour deposition of WS<sub>2</sub> monolayers [Online resource]**

Kaupmees, Reelika; Grossberg, Maarja; Krustok, Jüri Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p <http://fmtdk.ut.ee/teesid-2019/>

**A child's right to be heard and be represented in the criminal procedure : a comparative analysis of Estonian and Cambodian Law to CRC**

Joamets, Kristi; Ngouv, Muy Seo Baltic journal of European studies 2019 / p. 127–149 <https://doi.org/10.1515/bjes-2019-0040> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Chilopoda and Diplopoda of semi natural flooded meadows in Matsalu, Estonia**

Ivask, Mari; Kuu, Anneli; Meriste, Mart; Kutti, Sander; Raamets, Jane; Palo, Anneli Pedobiologia 2019 / p. 24-33 : ill <https://doi.org/10.1016/j.pedobi.2019.02.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Chip-to-Chip authentication method based on SRAM PUF and public key cryptography**

Karageorgos, Ioannis; Isgenc, Mehmet Meric; Pagliarini, Samuel Nascimento; Pileggi, Larry Journal of hardware and systems security 2019 / p. 382–396 : ill <https://doi.org/10.1007/s41635-019-00080-y>

**Chitinozoans and scolecodonts from the Silurian and Devonian of Japan**

Vandenbroucke, Thijs R. A.; Hints, Olle; Williams, Mark; Männik, Peep Island Arc 2019 / art. e12294, 13 p. : ill <https://doi.org/10.1111/iar.12294> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Chrysophanol : a natural anthraquinone with multifaceted biotherapeutic potential**

Prakteeksha; Yusuf, Mohd Aslam; Singh, Brahma Nand; Sudheer, Surya; Gupta, Vijai Kumar Biomolecules 2019 / art. 68, 24 p. : ill <https://doi.org/10.3390/biom9020068> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Cities & international policy diffusion : the case of Tokyo**

Chiu, Nikita Baltic journal of European studies 2019 / p. 61-74 [https://www.ester.ee/record=b2675037\\*est](https://www.ester.ee/record=b2675037*est) <https://doi.org/10.1515/bjes-2019-0014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Clarifying Haljala Stage in Estonia**

Paiste, Tõnn; Meidla, Tõnu; Männik, Peep; Nõlvak, Jaak 13th International Symposium on the Ordovician System, July 19-22, 2019 2019 / p. 149–150 <http://www.igcp653.org/wp-content/uploads/2019/07/ISOS13Proceedings.pdf>

**Classification algorithm improvement for physical activity recognition in maritime environments**

Allik, Ardo; Pilt, Kristjan; Karai, Deniss; Fridolin, Ivo; Leier, Mairo; Jervan, Gert World Congress on Medical Physics and Biomedical Engineering 2018 : June 3–8, 2018, Prague, Czech Republic (Vol. 3) 2019 / p. 13-17 [https://doi.org/10.1007/978-981-10-9023-3\\_3](https://doi.org/10.1007/978-981-10-9023-3_3) [Conference proceeding](#) [Article at Scopus](#) [Article at WOS](#)

**CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019**

2019 <https://www.e3s-conferences.org/articles/e3sconf/abs/2019/37/contents/contents.html>

**Clinical equipoise and moral leeway : an epistemological stance**

Chiffi, Daniele; Pietarinen, Ahti-Veikko Topoi 2019 / p. 447-456 <https://doi.org/10.1007/s11245-017-9529-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Cloning and expression of ATP N-glycosidase from the freshwater sponge Ephydatia muelleri**

Reintamm, Tõnu; Vallmann, Kerli; Kolk, Kaidi; Päre, Mailis; Lopp, Annika; Aas-Valleriani, Nele; Kelve, Merike Biochimie 2019 / p. 126-129 <https://doi.org/10.1016/j.biochi.2018.12.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**CO<sub>2</sub> mineralization by burnt oil shale and cement bypass dust: effect of operating temperature and pre-treatment**

Yörük, Can Rüstü; Uibu, Mai; Usta, Mustafa Cem; Kaljuvee, Tiit; Triikkel, Andres 2nd Journal of Thermal Analysis and Calorimetry Conference, Budapest, June 18–21, 2019 : book of abstracts 2019 / p. 501 <https://jtac-jtacc.akcongress.com/>

**CO<sub>2</sub> sidumise ja kasutamise [Võrguväljaanne]**

Aaviksoo, Jaak Konverents "Kliimaneutraalsus – häving või edu?" 2019 / video [Kliimaneutraalsus – häving või edu? Süsinikuneutraalne majandus nõuab uusi tehnoloogiad paljudes valdkondades](#)

**Coastal land use planning in Ben Tre, Vietnam : constraints and recommendations**

Nguyen, Tan Phong; Parnell, Kevin Ellis Heliyon 2019 / art. e01487, 21 p. : ill <https://doi.org/10.1016/j.heliyon.2019.e01487> [Journal](#)

**Coastal processes and changing process drivers in the Baltic Sea : What communities and local policy makers need to know**

**Parnell, Kevin Ellis; Soomere, Tarmo** Abstracts : [BSSC 2019] 2019 / p. 344  
[https://www.su.se/polopoly\\_fs/1.446756.1566224624!/menu/standard/file/abstracts\\_A5\\_ny.pdf](https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf)

**Co-combustion of coal and oil shale blends in circulating fluidized bed boilers**

**Konist, Alar; Pikkor, Heliis; Nešumajev, Dmitri; Loo, Lauri; Järvik, Oliver; Siirde, Andres; Pihu, Tõnu** Oil shale 2019 / p. 114–127 : ill <https://doi.org/10.3176/oil.2019.2S.03> [http://www.kirj.ee/public/oilshale\\_pdf/2019/issue\\_2S/OS-2019-2S-114-127.pdf](http://www.kirj.ee/public/oilshale_pdf/2019/issue_2S/OS-2019-2S-114-127.pdf) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Co-Creation for the reduction of uncertainty in financial governance : the case of monetary authority of Singapore**

**Mikheeva, Olga; Tõnurist, Piret** Halduskultuur: The Estonian journal of administrative culture and digital governance 2019 / p. 60-80  
[https://www.ester.ee/record=b2157203\\*est](https://www.ester.ee/record=b2157203*est) <https://doi.org/10.32994/hk.v19i2.199> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Co-creation of service recovery and post-recovery responses : the impact of cultural values orientations and outcome favorability**

**Nik Bakhsh, Naghmeh** Journal of service science research 2019 / p. 133–155 <https://doi.org/10.1007/s12927-019-0007-4>

**Cod reproductive volume potential in the Baltic Sea**

**Raudsepp, Urmas; Maljutenko, Ilja; Kõuts, Mariliis** Journal of operational oceanography 2019 / p. s26-s29 : ill., map  
<https://doi.org/10.1080/1755876X.2019.1633075>

**Co-hydrothermal liquefaction of lignocellulosic biomass with kukersite oil shale**

**Akalin, Ece; Kim, Young-Min; Alper, Koray; Oja, Vahur** Energy & fuels 2019 / p. 7424-7435 : ill  
<https://doi.org/10.1021/acs.energyfuels.9b01473> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Coil design for wireless power transfer with series-parallel compensation**

**Shevchenko, Viktor; Husev, Oleksandr; Pakhaliuk, Bohdan; Karlov, Olexii; Kondratenko, Igor** 2019 IEEE 2nd Ukraine Conference on Electrical and Computer Engineering (UKRCON) 2019 / p. 401-407 <https://doi.org/10.1109/UKRCON.2019.8879877>

**Cold adapted fungi from Indian Himalaya : untapped source for bioprospecting**

**Pandey, Anita D.; Dhakar, Kusum; Jain, Rahul; Pandey, Neha; Gupta, Vijai Kumar; Kooliyottil, Rinu; Dhyani, Ashish; Malviya, Mukesh K.; Adhikari, Priyanka** Proceedings of the National Academy of Sciences India Section B - Biological Sciences 2019 / p. 1125-11321 : ill <https://doi.org/10.1007/s40011-018-1002-0> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Collective intelligence systems from an organizational perspective**

**Draheim, Dirk** iiWAS 2019 : The 21st International Conference on Information Integration and Web-based Applications & Services : proceedings 2019 / p. 3-4 : ill <https://doi.org/10.1145/3366030.3368457>

**Combined active frequency drift islanding detection method for NZEB energy router**

**Jalakas, Tanel; Roasto, Indrek; Najafzadeh, Mahdiyyeh** 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019 : conference proceedings 2019 / 6 p  
<https://doi.org/10.1109/RTUCON48111.2019.8982258>

**Combined analysis of Cryosat-2/SMOS sea icethickness data with model reanalysis fields over the Baltic Sea**

**Raudsepp, Urmas; Uiboupin, Rivo; Maljutenko, Ilja; Hendricks, Stefan; Ricker, Robert; Liu, Ye; Iovino, Doroteaciro; Peterson, K. Andrew; Zuo, Hao; Lavergne, Thomas; Aaboe, Signe; Raj, Roshin P.** Journal of operational oceanography 2019 / p. s73-s79 : ill., map  
<https://doi.org/10.1080/1755876X.2019.1633075>

**A combined analytical model for increasing the accuracy of heat emission predictions in rooms heated by radiators**

**Võsa, Karl-Villem; Ferrantelli, Andrea; Kurnitski, Jarek** Journal of building engineering 2019 / p. 291-300  
<https://doi.org/10.1016/j.jobbe.2019.02.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Combined displacer-enhanced removal of protein-bound uremic toxins estimated in spent dialysate**

**Adoberg, Annika; Leis, Liisi; Uhlin, Nils Fredrik Arne; Arund, Jürgen; Segelmark, Marten; Fernström, Anders; Luman, Merike; Fridolin, Ivo** Kidney International Reports 2019 / art.: MON-105 ; p. S347 <https://doi.org/10.1016/j.ekir.2019.05.895>

**Combined effects of test media and dietary algae on the toxicity of CuO and ZnO nanoparticles to freshwater microcrustaceans daphnia magna and heterocypris incongruens : food for thought**

**Muna, Marge; Blinova, Irina; Kahru, Anne; Vrček, Ivana Vinković; Pem, Barbara; Orupöld, Kaja; Heinlaan, Margit** Nanomaterials 2019 / art. 23 <https://doi.org/10.3390/nano9010023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Combined strain rate, mesh size and calibration test influence on structural failure : Miniature ship grounding test**

**Calle, Miguel A. G.; Oshiro, Roberto E.; Körgesaar, Mihkel** Ocean engineering 2019 / p. 215-226 : ill

### **Combining bioenergy and nature conservation: An example in wetlands**

Melts, Indrek; **Ivask, Mari**; Geetha, Mohan; Takeuchi, Kazuhiko; Heinsoo, Katrin Renewable and sustainable energy reviews 2019 / p. 293-302 <https://doi.org/10.1016/j.rser.2019.05.028> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Combining fault analysis technologies for ISO26262 functional safety verification**

Augusto da Silva, Felipe; **Bagbaba, Ahmet Cagri**; Hamdioui, Said; Sauer, Christian 2019 IEEE 28th Asian Test Symposium (ATS) : 10–13 December 2019, Kolkata, India : proceedings 2019 / p. 129–134 : ill <https://doi.org/10.1109/ATS47505.2019.00024>

### **Combustion synthesis and consolidation of Ni-W nanocomposite material**

Zakaryan, Marieta; **Aydinyan, Sofiya**; Kharatyan, Suren Ceramics in modern technologies 2019 / p. 67-74 <https://doi.org/10.29272/cmt.2018.0007>

### **Commissioning of thermal performance of prefabricated timber frame insulation elements for nZEB renovation**

**Pihelo, Peep; Kalamees, Targo** 4th Central European Symposium on Building Physics (CESBP 2019) MATEC web of conferences 2019 / art. 02004, 6 p. : ill <https://doi.org/10.1051/mateconf/201928202004>

### **Common minimum standards of civil procedure : European Added Value Assessment**

**Evas, Tatjana**; Ballegooij, Wouter van 2019 <https://doi.org/10.2861/136575>

### **Comparability of statements of cash flows : evidence from Baltic countries**

**Kiaupaite-Grušniene, Vaiva; Alver, Lehte** Journal of Accounting and Management Information Systems = Contabilitate si Informatica de Gestiune 2019 / p. 307-329 <http://dx.doi.org/10.24818/jamis.2019.03001>

### **Comparability of statements of cash flows: Evidence from Baltic countries**

**Kiaupaite-Grušniene, Vaiva; Alver, Lehte** Proceedings of the 14th International Conference : Accounting and Management Information Systems : AMIS IAAER 2019, June 5–6, 2019, Bucharest University of Economic Studies 6, Piața Romană, 1st District, Bucharest, 010374 Romania 2019 / p. 436-454 <https://amis.ase.ro/docs/AMIS2019Proceedings.pdf>

### **Comparative analyses of tribological behavior of ultra nanocrystalline diamond films prepared on different substrates [Online resource]**

**Yashin, Maxim; Bogatov, Andrei; Podgurski, Vitali**; Sahul, Martin; Čaplovič, Lubomir Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p <http://fntdk.ut.ee/teesid-2019/>

### **Comparative analysis of ZigBee based Wireless Sensor Networks (WSNs)**

**Shabbir, Noman**; Hassan, Syed Rizwan; **Iqbal, Muhammad Naveed; Kütt, Lauri**; Unbreen, Arooj International journal of recent technology and engineering 2019 / p. 980-984 : ill <https://www.ijrte.org/wp-content/uploads/papers/v7i6s/F04000376S19.pdf>

### **Comparative Analysis of ZigBee Based Wireless Sensor Networks (WSNs)**

**Shabbir, Noman**; Hassan, Syed Rizwan; **Iqbal, Muhammad Naveed; Kütt, Lauri** Proceeding of the 4th International Conference on Recent Trends in Computer Science and Electronics 2019 2019 / p. 115 [http://www.rtcse.org/RTCSE\\_2019.pdf](http://www.rtcse.org/RTCSE_2019.pdf)

### **Comparative analysis of zigbee based wireless sensor networks (WSNs)**

**Shabbir, Noman**; Hassan, Syed Rizwan; **Iqbal, Muhammad Naveed; Kütt, Lauri**; Unbreen, Arooj International journal of recent technology and engineering 2019 / p. 980-984 : ill <https://www.ijrte.org/wp-content/uploads/papers/v7i6s/F04000376S19.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Comparative evaluation of multicoil inductive power transfer approaches based on Z-source network**

Pakhaliuk, Bohdan; **Husev, Oleksandr**; Strzelecki, Ryszard; Shevchenko, Viktor; Maksym, Khomenko 2019 IEEE 2nd Ukraine Conference on Electrical and Computer Engineering (UKRCON) 2019 / 5 p <https://doi.org/10.1109/UKRCON.2019.8880002>

### **A comparative evaluation towards the potential of Klebsiella sp. and Enterobacter sp. in plant growth promotion, oxidative stress tolerance and chromium uptake in Helianthus annuus (L.)**

Gupta, Pratishtha; Kumar, Vipin; Usmani, Zeba; Rani, Rupa; Chandra, Avantika; **Gupta, Vijai Kumar** Journal of hazardous materials 2019 / 7 p. : ill <https://doi.org/10.1016/j.jhazmat.2019.05.054> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparative genomic analysis of monosporidial and monoteliosporic cultures for unraveling the complexity of molecular pathogenesis of Tilletia indica pathogen of wheat**

Mishra, Pallavi; Maurya, Ranjeet; **Gupta, Vijai Kumar**; Ramteke, Pramod Wasudeo; Marla, Soma S.; Kumar, Anil Scientific reports 2019 / art. 8185, 15 p. : ill <https://doi.org/10.1038/s41598-019-44464-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparative investigation of the graphene-on-silicon carbide and CVD graphene as a basis for biosensor application**

**Sleptšuk, Natalja**; Lebedev, Alexander A.; Elisseyev, Ilya; **Korolkov, Oleg; Toompuu, Jana; Land, Raul; Mikli, Valdek; Zubov,**

Alexander; **Rang, Toomas** Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia 2019 / p. 185-190 : ill [https://www.ester.ee/record=b5235278\\*est](https://www.ester.ee/record=b5235278*est) <https://www.scientific.net/KEM.799.185> <https://doi.org/10.4028/www.scientific.net/KEM.799.185> Conference proceeding at Scopus Article at Scopus

**Comparative study of inner and outer rotor bearingless synchronous reluctance motors**

Mukherjee, Victor; Sokolov, Maxim; Pippuri, Jenni; Hinkkanen, Marko; **Belahcen, Anouar** The journal of engineering 2019 / p. 4375–4379 <http://dx.doi.org/10.1049/joe.2018.8195>

**A comparative study of losartan photodegradation : activated persulfate versus hydrogen peroxide**

**Balpreet Kaur; Eha, Kaie; Dulova, Niina** EMEC20 : 20th European Meeting on Environmental Chemistry (EMEC-20), Lodz, Poland, 2-5 December 2019 : Book of Abstracts 2019 / p. 77 [https://emec20.p.lodz.pl/files/Book\\_of\\_Abstracts\\_EMEC20.pdf](https://emec20.p.lodz.pl/files/Book_of_Abstracts_EMEC20.pdf)

**A comparative study of losartan photodegradation : activated persulfate versus hydrogen peroxide**

**Balpreet Kaur; Eha, Kaie; Dulova, Niina** The 20th European Meeting on Environmental Chemistry : 2-5 December 2019 Lodz, Poland : book of abstract 2019 / p. 77 : ill [https://emec20.p.lodz.pl/files/Book\\_of\\_Abstracts\\_EMEC20.pdf](https://emec20.p.lodz.pl/files/Book_of_Abstracts_EMEC20.pdf)

**A comparative study of the growth dynamics and tribological properties of nanocrystalline diamond films deposited on the (110) single crystal diamond and Si(100) substrates**

**Podgurski, Vitali; Bogatov, Andrei; Yashin, Maxim; Viljus, Mart; Volobujeva, Olga; Mere, Arvo; Raadik, Taavi** Diamond and related materials 2019 / p. 159-167 : ill <https://doi.org/10.1016/j.diamond.2018.12.024> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**A comparison of a discrete-time PI and an indirect MPC current controllers for a single-phase grid-connected inverter operating with distorted grid and significant computation feedback delay**

Pimentel, Sergio Pires; **Husev, Oleksandr; Vinnikov, Dmitri; Stepenko, Serhii; Kütt, Lauri**; Rodriguez, Jose 2019 IEEE 15th Brazilian Power Electronics Conference and 5th IEEE Southern Power Electronics Conference (COBEP/SPEC) 2019 / 6 p.: ill <https://doi.org/10.1109/COBEP/SPEC44138.2019.9065396>

**Comparison of isolated boost full bridge converters for power factor correction application**

**Zinchenko, Denys; Blinov, Andrei; Vinnikov, Dmitri** 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCon), 7-9 October 2019 : conference proceedings 2019 / 7 p. : ill <https://doi.org/10.1109/RTUCon48111.2019.8982361>

**Comparison of machine learning based methods for residential load forecasting**

**Shabbir, Noman; Ahmadihangar, Roya; Kütt, Lauri; Rosin, Argo** 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärdla, Estonia, June 12-15, 2019 : proceedings 2019 / 4 p. : ill <https://doi.org/10.1109/PQ.2019.8818267>

**Comparison of mechanical and antibacterial properties of TiO<sub>2</sub>/Ag ceramics and Ti6Al4V-TiO<sub>2</sub>/Ag composite materials using combined SLM-SPS techniques**

**Rahmani Ahranjani, Ramin; Rosenberg, Merilin; Ivask, Angela; Kollo, Lauri** Metals 2019 / art. 874, 13 p. : ill <https://doi.org/10.3390/met9080874> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Comparison of methods applied for Marine Geoid Modelling in the Baltic Sea project FAMOS**

Agren, Jonas; Schwabe, Joachim; Saari, T.; **Ellmann, Artu**; Forsberg, R. IUGG 2019 : abstract book 2019 / [1] p., abstract: IUGG19-2965 <http://iugg2019montreal.com/abstract-book.html>

**Comparison of physical and oxidative aging tendencies for Canadian and Northern European asphalt binders**

**Lill, Kristjan; Kontson, Karli; Khan, A. N.** Canadian Technical Asphalt Association proceedings 2019 2019 / p. 369–385

**Comparison of the impact of different household occupancies on load matching algorithms**

**Häring, Tobias; Ahmadihangar, Roya; Rosin, Argo; Biechl, Helmuth; Korötko, Tarmo** 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärdla, Estonia, June 12-15, 2019 : proceedings 2019 / 6 p. : ill <https://doi.org/10.1109/PQ.2019.8818270>

**Comparison of the porous structure of oil shale fly ashes from two different CFB boilers**

**Pikkor, Heliis** 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings] 2019 / p. 99-100 : ill [https://www.ester.ee/record=b5183874\\*est](https://www.ester.ee/record=b5183874*est)

**Compensation topologies in IPT Systems : standards, requirements, classification, analysis, comparison and application**

Shevchenko, Viktor; **Husev, Oleksandr**; Strzelecki, Ryszard IEEE Access 2019 / art. 2937891, p. 120559–120580 : ill <https://doi.org/10.1109/ACCESS.2019.2937891> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Compliance assessment of a phasor measurement unit to IEC 61000-4-30 class A for power quality measurements in**

## **transmission systems**

**Löper, Mari; Kilter, Jako;** Stiegler, Robert; Meyer, Jan 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärda, Estonia, June 12-15, 2019 : proceedings 2019 / 6 p  
<https://doi.org/10.1109/PQ.2019.8818272>

## **A compliance cost analysis of the SECA regulation in the Baltic Sea**

**Prause, Gunnar Klaus; Olaniyi, Eunice Omolola** Entrepreneurship and sustainability issues 2019 / p. 1907-1921 : tab  
[https://doi.org/10.9770/jesi.2019.6.4\(26\)](https://doi.org/10.9770/jesi.2019.6.4(26)) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Composition of engineering drawing through communication skills and social/material interactions from the semiotic aspect**

Lille, Harri; **Ruus, Aime** IOP conference series : materials science and engineering 4th International Conference on Innovative Materials, Structures and Technologies (IMST 2019) : 25–27 September 2019, Riga, Latvia 2019 / art. 012011, 6 p  
<https://doi.org/10.1088/1757-899X/660/1/012011> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

## **Composition of engineering drawing through communication skills and social/material interactions from the semiotic aspect**

Lille, Harri; **Ruus, Aime** 4th International Conference Innovative Materials, Structures and Technologies : IMST2019 : Organised by the Faculty of Civil Engineering, Riga, Latvia, 25–27 September 2019 : book of abstracts 2019 / p. 30-31  
<https://dom.lndb.lv/data/obj/770639.html> <https://dom.lndb.lv/data/obj/file/27451559.pdf?attach=true>

## **A compositional approach to signal flow graphs**

**Sobocinski, Pawel Maria** 31st Nordic Workshop on Programming Theory, NWPT 2019, Tallinn, Estonia, 13-15 November 2019 : abstracts 2019 / p. 2 <https://doi.org/10.23658/taltech.nwpt/2019>

## **Compounding radiopharmaceuticals: any regulatory difference with extemporaneous preparation?**

**Titma, Tiina;** Nazarenko, Sergei International Symposium on Trends in Radiopharmaceuticals, 28 October – 1 November 2019, Vienna, Austria : Programme & Abstracts 2019 / p. 94  
<https://media.superevent.com/documents/20191027/d11acc994711668f9d098243c37efdb8/istr-2019-programme-and-abstracts.pdf>

## **Compounding, extemporaneous prepare or reconstitution of the radiopharmaceuticals**

**Titma, Tiina;** Ruuben, L.; Drews, Monika EDQM and European pharmacopoeia: state-of-the-art science for tomorrow's medicines, 19-20 June 2019, Strasbourg, France : poster session 2019 / p. 28 : ill  
[https://www.edqm.eu/sites/default/files/medias/fichiers/Events/edqm\\_european\\_pharmacopoeia\\_state-of-the-art\\_science\\_for\\_tomorrows\\_medicines\\_-\\_poster\\_session.pdf](https://www.edqm.eu/sites/default/files/medias/fichiers/Events/edqm_european_pharmacopoeia_state-of-the-art_science_for_tomorrows_medicines_-_poster_session.pdf) <https://www.edqm.eu/en/proceedings-international-conferences>

## **Comprehensive comparative analysis of impedance-source networks for DC and AC application**

**Husev, Oleksandr;** Shults, Tatiana; **Vinnikov, Dmitri; Chub, Andrii** Electronics 2019 / 21 p. : ill  
<https://doi.org/10.3390/electronics8040405> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **A comprehensive instrument for identifying critical information infrastructure services**

Herrera, Luis-Carlos; **Maennel, Olaf Manuel** International Journal of Critical Infrastructure Protection 2019 / p. 50-61 : ill  
<https://doi.org/10.1016/j.ijcip.2019.02.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Computing data lineage and business semantics for data warehouse**

Tomingas, Kalle; **Järv, Priit; Tammet, Tanel** Knowledge Discovery, Knowledge Engineering and Knowledge Management :8th International Joint Conference, IC3K 2016, Porto, Portugal, November 9–11, 2016 : Revised Selected Papers 2019 / p. 101-124  
[https://doi.org/10.1007/978-3-319-99701-8\\_5](https://doi.org/10.1007/978-3-319-99701-8_5) [Conference proceedings at Scopus](#) [Article at Scopus](#)

## **A concept for smart real-time monitoring of intermittent renal replacement therapy**

**Fridolin, Ivo** International journal of artificial organs 2019 / p. 462 <https://journals.sagepub.com/doi/10.1177/0391398819860985>

## **Conceptual model for cash flow statement : history, analysis and further development = Rahakäibe aruande kontseptuaalne mudel : ajalugu, analüüs ja edasine areng**

**Kiaupaite-Grušniene, Vaiva** 2019 <https://digikogu.taltech.ee/et/Item/ab7259e6-6519-43ba-b6b8-5dca686b1f14>  
[https://www.ester.ee/record=b5291072\\*est](https://www.ester.ee/record=b5291072*est)

## **Conch structures, soft-tissue imprints and taphonomy of the Middle Ordovician cephalopod *Tragoceras falcatum* from Estonia**

Pohle, Alexander; Klug, Christian; **Toom, Ursula;** Kröger, Björn Fossil Imprint 2019 / p. 70-78 : ill <https://doi.org/10.2478/if-2019-0006>  
[Journal metrics at Scopus](#) [Article at Scopus](#)

## **Concise description of telecom service use through concept chains**

**Torim, Ants; Ben Yahia, Sadok; Raun, Kristo** MEDES '19 : a Digital Ecosystem for Personal Manufacturing : an Architecture for Cloud-based Distributed Manufacturing Operating Systems : proceedings 2019 / p. 181–186 : ill  
<https://doi.org/10.1145/3297662.3365790>

### **Condition monitoring of electrical machines and its relation to IoT**

**Vaimann, Toomas** 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings] 2019 / p. 55-56 : ill [https://www.ester.ee/record=b5183874\\*est](https://www.ester.ee/record=b5183874*est)

### **Conductive ceramic based on the Bi-Sr-Ca-Cu-O HTSC system as an additive to the zinc electrode mass in the rechargeable Ni-Zn batteries – Electrochemical impedance study**

**Stoyanova-Ivanova, Angelina; Vasev, Alexander; Lilov, Peter; Petrova, Violeta; Marinov, Yordan; Stoyanova, Antonia; Ivanova, Galia; Mikli, Valdek** Comptes Rendus de L'Academie Bulgare des Sciences 2019 / p. 174-181  
<https://doi.org/10.7546/CRABS.2019.02.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A construction of a fractional derivative masks for imaging based on generalized Kantorovich sampling operators**

**Graf, Olga; Tamberg, Gert** 24th International Conference on Mathematical Modelling and Analysis : May 28-31, 2019, Tallinn, Estonia : abstracts 2019 / p. 22 <https://www.digar.ee/viewer/et/nlib-digar:414294/353323/page/23>

### **Contact stiffness parameters for finite element modeling of contact**

**Sivitski, Alina; Põdra, Priit** Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia 2019 / p. 211-216 : ill [https://www.ester.ee/record=b5235278\\*est](https://www.ester.ee/record=b5235278*est)  
<https://www.scientific.net/KEM.799.211> <https://doi.org/10.4028/www.scientific.net/KEM.799.211> [Conference proceeding at Scopus](#) [Article at Scopus](#)

### **Contemporary Trends and Challenges in Finance : proceedings from the 4th Wroclaw International Conference in Finance**

2019 <https://link.springer.com/book/10.1007/978-3-030-15581-0> <https://doi.org/10.1007/978-3-030-15581-0>

### **Continuous, near-bed current velocity estimation using pressure and inertial sensing**

**Ristolainen, Asko; Tuhtan, Jeffrey Andrew; Kruusmaa, Maarja** IEEE sensors journal 2019 / p. 12398 - 12406 : ill  
<https://doi.org/10.1109/JSEN.2019.2937954> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Contributions of Slovak criminology to the development of restorative justice**

**Stremy, Tomas; Dianiška, Gustav; Hamulak, Ondrej; Turay, Lukas** Acta Baltica historiae et philosophiae scientiarum 2019 / p. 53-70  
<https://doi.org/10.11590/abhps.2019.1.04>

### **Control challenges of 3D printed switched reluctance motor**

**Rassõlkin, Anton; Kallaste, Ants; Vaimann, Toomas; Tiismus, Hans** 2019 26th International Workshop on Electric Drives : Improvement in Efficiency of Electric Drives (IWED) : Moscow Power Engineering Institute, Moscow, Russia 30th of January - 02nd of February 2019 : proceedings 2019 / 5 p. : ill <https://doi.org/10.1109/IWED.2019.8664282>

### **Control of DC/AC full bridge inverter**

**Najafzadeh, Mahdiyyeh** 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings] 2019 / p. 159-160 : ill  
[https://www.ester.ee/record=b5183874\\*est](https://www.ester.ee/record=b5183874*est)

### **Controlling stormwater runoff from impermeable areas by using smart inlets**

**Kändler, Nils; Annus, Ivar; Vassiljev, Anatoli; Puust, Raido; Kaur, Katrin** New trends in urban drainage modelling : UDM 2018 : Conference proceedings 2019 / p. 263-268 [https://doi.org/10.1007/978-3-319-99867-1\\_44](https://doi.org/10.1007/978-3-319-99867-1_44) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Convergence towards a single economic model? Italy and Germany in the interconnected euro system**

**Notermans, Antonius Johannes Hubertus; Piattoni, Simona** West European politics 2019 / p. 1015-1040 : ill  
<https://doi.org/10.1080/01402382.2019.1589822> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Copernicus Marine Service Ocean State Report. Issue 3**

**Aaboe, Signe; Aguiar, Eva; Kõuts, Mariliis; Lagemaa, Priidik; Maljutenko, Ilja; Raudsepp, Urmas; Uiboupin, Rivo** Journal of Operational Oceanography 2019 / S1-S123 : ill <https://doi.org/10.1080/1755876X.2019.1633075> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Coping mechanisms of Ukrainian patients : bribes, gifts, donations, and connections**

**Levents, Olga; Stepurko, Tetiana; Pavlova, Milena; Groot, Wim** Governance beyond the law : the immoral, the illegal, the criminal 2019 / p. 125-143 [https://doi.org/10.1007/978-3-030-05039-9\\_7](https://doi.org/10.1007/978-3-030-05039-9_7)

### **Coping strategies of cancer patients in Ukraine**

**Levenets, Oleana; Stepurko, Tetiana; Polese, Abel; Pavlova, Milena; Groot, Wim** The International journal of health planning and management 2019 / p. 1423-1438 <https://doi.org/10.1002/hpm.2802> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Copper chalcopyrites for solar energy applications**

**Mandati, Sreekanth;** Misra, Prashant; Sarada, Bulusu V.; Rao, Tata Naransinga Transactions of the Indian Institute of Metals 2019 / p. 271–288 : ill <https://doi.org/10.1007/s12666-018-1455-0>

### **Corporate social responsibility and ownership interrelation : evidence from Estonia**

**Glušková, Irina; Gurviš-Suits, Natalie Aleksandra** European integration studies 2019 / p. 100-107 : tab <https://doi.org/10.5755/j01.eis.0.13.23455>

### **Correcting systematic errors in corona losses measured with phasor measurement units**

**Tuttelberg, Kaur; Löper, Mari; Kilter, Jako** IEEE transactions on power delivery 2019 / p. 2275-2277 : ill <https://doi.org/10.1109/TPWRD.2019.2917610> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Correction to: Disentangling the impact of nutrient load and climate changes on Baltic Sea hypoxia and eutrophication since 1850 (Climate Dynamics, (2019), 53, 1-2, (1145-1166), 10.1007/s00382-018-4296-y)**

Meier, H. E. Markus; Eilola, Kari; Almroth-Rosell, Elin; Schimanke, S.; Kniebusch, M.; Höglund, A.; Pemberton, P.; Liu, Y.; Väli, Germo; Saraiva, S. Climate Dynamics 2019 / p. 1167 - 1169 <https://doi.org/10.1007/s00382-018-4483-x> [Journal metrics at Journal](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Correction to: Transcriptome-wide identification of genes involved in Ascorbate–Glutathione cycle (Halliwell–Asada pathway) and related pathway for elucidating its role in antioxidative potential in finger millet (Eleusine coracana (L.)) (3 Biotech, (2018), 8, 12, (499), 10.1007/s13205-018-1511-9)**

Avashthi, Himanshu; Pathak, Rajesh Kumar; Pandey, Neetesh; Arora, Sandeep; Mishra, Amrendra Kumar; Gupta, Vijai Kumar; Ramteke, Pramod Wasudeo; Kumar, Anil 3 Biotech 2019 / p. 337 <https://doi.org/10.1007/s13205-019-1864-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Corrections to “A novel computational approach for global alignment for multiple biological networks”**

**Ben Yahia, Sadok;** Djeddi, Warith Eddine; Nguifo, Engelbert Mephu IEEE/ACM transactions on computational biology and bioinformatics 2019 / p. 700 <https://doi.org/10.1109/TCBB.2019.2895762>

### **Correlates and predictors of time banditry**

**Parts, Velli; Kiho, Marilyn** 19th EAWOP Congress : abstract book 2019 / p. 2068 [Abstract Volume \(PDF\)](#)

### **Corrigendum to “Internal solitary waves control offshore extension of mud depocenters on the NW Iberian shelf” [Mar. Geol. 409 (2019) 15–30] (Marine Geology (2019) 409 (15–30), (S002532271830166X) (10.1016/j.margeo.2018.12.008))**

Zhang, Wenyan; Didenkulovala, Ira; Kurkina, Oxana; Cui, Yongsheng; Haberkern, Julia; Aepfler, Rebecca; Santos, Ana I.; Zhang, Han; Hanebuth, Till J.J. Marine Geology 2019 / p. 21 <https://doi.org/10.1016/j.margeo.2019.01.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Corrigendum: Assessment of eutrophication status based on sub-surface oxygen conditions in the Gulf of Finland (Baltic Sea) [Front. Mar. Sci., 6, (2019), (54)] doi: 10.3389/fmars.2019.00054**

**Stoicescu, Stella-Theresa; Lips, Urmas; Liblik, Taavi** Frontiers in Marine Science 2019 / Art. 233 <https://doi.org/10.3389/fmars.2019.00233> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Cost-competitive and self-supporting geothermal energy, CO2-EOR and CO2 storage concept : case study of the E6 structure in the Baltic Sea**

**Šogenov, Kazbulat; Šogenova, Alla** 14th Greenhouse Gas Control Technologies Conference Melbourne 21-26 October 2018 (GHGT-14) 2019 / 8 p. : ill [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3366151](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3366151)

### **Cost-effective concurrent hardware checkers for network on chip based system on chip = Kulutõhusad süsteemiga paralleelsed rikkemonitorid kiipvõrkudel põhinevatele kiipsüsteemidele**

**Hariharan, Ranganathan** 2019 <https://digi.lib.ttu.ee/i/?12854> [https://www.ester.ee/record=b5243161\\*est](https://www.ester.ee/record=b5243161*est)

### **Covering concept lattices with concept chains**

**Torim, Ants; Mets, Marko; Raun, Kristo** Graph-Based Representation and Reasoning : 24th International Conference on Conceptual Structures, ICCS 2019 : Marburg, Germany, July 1–4, 2019 : proceedings 2019 / p. 190-203 : ill [https://doi.org/10.1007/978-3-030-23182-8\\_14](https://doi.org/10.1007/978-3-030-23182-8_14) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

### **Crashworthiness performance of stiffened bottom tank structure subjected to impact loading conditions : ship-rock interaction**

**Prabowo, Aditya Rio; Sohn, Jung Min; Putranto, Teguh** Curved and Layered Structures 2019 / p. 245–258 : ill <https://doi.org/10.1515/cls-2019-0016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Creating randomness with games**

**Henno, Jaak;** Jaakkola, Hannu; Mäkelä, Jukka Acta Polytechnica Hungarica : journal of applied sciences at Budapest Polytechnic Hungary 2019 / p. 193-212 : ill [http://acta.uni-obuda.hu/Henno\\_Jaakkola\\_Makela\\_96.pdf](http://acta.uni-obuda.hu/Henno_Jaakkola_Makela_96.pdf) <https://doi.org/10.12700/APH.16.9.2019.9.11> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Crimea and punishment : the impact of sanctions on Russian economy and economies of the euro area**

Kholodilin, Konstatin; **Netšunajev, Aleksei** Baltic journal of economics 2019 / p. 39–51 : ill

<https://doi.org/10.1080/1406099X.2018.1547566> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Criteria for modelling wave phenomena in complex systems : the case of signals in nerves**

**Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel** Proceedings of the Estonian Academy of Sciences 2019 / p. 276–283 : ill

<https://doi.org/10.3176/proc.2019.3.05> [http://www.kirj.ee/public/proceedings\\_pdf/2019/issue\\_3/proc-2019-3-276-283.pdf](http://www.kirj.ee/public/proceedings_pdf/2019/issue_3/proc-2019-3-276-283.pdf) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Critical contextual empiricism as a version of pluralist realism**

**Mürsepp, Peeter;** Nuryшева, Gulzhikhan; Syrgakbayeva, Akmaral; Sartayeva, Raushan Acta Baltica historiae et philosophiae

scientiarum 2019 / p. 5-22 [https://www.ester.ee/record=b2941458\\*est](https://www.ester.ee/record=b2941458*est) <https://doi.org/10.11590/abhps.2019.3.01> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Critical parameter analysis and design of the Quasi-Z-Source inverter**

Liu, Wenjie; Yang, Yongheng; **Liivik, Elizaveta; Vinnikov, Dmitri;** Blaabjerg, Frede 2019 IEEE 2nd Ukraine Conference on Electrical and Computer Engineering : UKRCON-2019 : conference proceedings 2019 / p. 474-480 : ill

<https://doi.org/10.1109/UKRCON.2019.8879831>

**A cross-country study of financial reporting quality: insights and practical implications for 13 'One Belt One Road' countries**

**Zheng, Xiaosong;** Zhou, Shuqin; An, Yi Transformations in business & economics 2019 / p. 366–380

<http://www.transformations.knf.vu.lt/48c/article/acro>

**Crossed swords : a cyber red team oriented technical exercise**

**Blumbergs, Bernhards; Ottis, Rain; Vaarandi, Risto** Proceedings of the 18th European Conference on Cyber Warfare and

Security, University of Coimbra Portugal, 4-5th July 2019 2019 / p. 37-44 <https://www.scopus.com/record/display.uri?eid=2-s2.0-85070019446&origin=inward&txGid=b3ce06db78a90b7b9e8a79c0d7b1f9c7>

**Cross-kingdom small RNAs among animals, plants and microbes**

Zeng, Jun; **Gupta, Vijai Kumar;** Jiang, Yueming; Yang, Bao; Gong, Liang; Zhu, Hong Cells 2019 / art. 371

<https://doi.org/10.3390/cells8040371> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Cross-medialità odepórica: Dai blogs all'intelligenza artificiale**

**Calzati, Stefano** Revista texto digital 2019 / p. 95-111 <https://doi.org/10.5007/1807-9288.2019v15n1p95>

**Crowd evacuation using agent-based model in VR simulation**

**Wang, Ruxin** 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings] 2019 / p. 85-86 : ill

[https://www.ester.ee/record=b5183874\\*est](https://www.ester.ee/record=b5183874*est)

**A crustoid graptolite lithoimmured inside a Middle Ordovician nautiloid conch from Northern Estonia**

Vinn, Olev; Wilson, Mark A.; **Toom, Ursula** Annales societatis geologorum Poloniae 2019 / p. 285-290 : ill

<https://doi.org/10.14241/asgp.2019.17> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Crystal phase and surface defect driven synthesis of Pb1–xSnxF2 solid solution electrolyte for fluoride ion batteries**

**Molaiyan, Palanivel; Witter, Raiker** Journal of electroanalytical chemistry 2019 / p. 154-159

<https://doi.org/10.1016/j.jelechem.2019.04.063> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**CSR reporting in banks: does the composition of the board of directors matter?**

**Tapver, Triinu** Quantitative finance and economics 2019 / p. 286-314 <https://doi.org/10.3934/QFE.2019.2.286>

**Cultural crossroads in the Middle East : the historical, cultural and political legacy of intercultural dialogue and conflict from the ancient Near East to the present day [Online resource]**

2019 [https://www.ester.ee/record=b5259885\\*est](https://www.ester.ee/record=b5259885*est) <https://library.open.org/bitstream/id/3b0f3d72-300f-435a-a6d7-b5aad2db3fb5/978-9949-03-176-4.pdf>

**Current challenges of family mediation in Estonia**

**Joamets, Kristi; Solarte Vasquez, Maria Claudia** Journal of contemporary European studies 2019 / p. 109-120

<https://doi.org/10.1080/14782804.2019.1573166> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Customer engagement in evolving technological environments : synopsis and guiding propositions**

**Hollebeek, Linda Desiree;** Sprott, David E.; Andreassen, Tor W. European Journal of Marketing 2019 / p. 2018-2023

<https://doi.org/10.1108/EJM-09-2019-970> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article metrics at WOS](#)

**Customer engagement in the service context : An empirical investigation of the construct, its antecedents and**

## consequences

Islam, Jamid Ul; **Hollebeek, Linda Desiree**; Rahman, Zillur Journal of retailing and consumer services 2019 / p. 277-285

<https://doi.org/10.1016/j.jretconser.2019.05.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Cyber contingencies impacts analysis in cyber physical power system

Chen, Keren; **Wen, Fushuan; Palu, Ivo** IEEE International Conference on Energy Internet : ICEI 2019, Nanjing, China, 27-31 May, 2019 : proceedings 2019 / p. 37-41 : ill <http://doi.org/10.1109/ICEI.2019.00013>

## Cyber game to cyber exercise : a new methodology for cybersecurity simulations

**Lovell, Kieren Nicolas** Proceedings of the 5th Interdisciplinary Cyber Research Conference 2019 : 29th of June 2019, Tallinn University of Technology 2019 / p. 13-16 [https://www.ester.ee/record=b5238490\\*est](https://www.ester.ee/record=b5238490*est)

## A cyber red team oriented technical exercise

**Blumbergs, Bernhards; Ottis, Rain; Vaarandi, Risto** Abstracts and conference materials for the 18th European Conference on Cyber Warfare and Security, University of Coimbra Portugal, 4-5th July 2019 2019 / p. 10-11 <https://www.academic-conferences.org/conferences/eccws/eccws-future-and-past/>

## Cybersecurity in the making – policy and law: a case study of Georgia

**Napetvaridze, Vladimeri; Chochia, Archil** International and comparative law review 2019 / p. 155–180 <https://doi.org/10.2478/iclr-2019-0019>

## Cybersecurity within the curricula of informatics : the Estonian perspective

**Lorenz, Birgy; Kikkas, Kaido; Sömer, Tiia; Laugasson, Edmund** Informatics in Schools. New Ideas in School Informatics :12th International Conference on Informatics in Schools : Situation, Evolution, and Perspectives, ISSEP 2019, Larnaca, Cyprus, November 18–20, 2019 : proceedings 2019 / p. 159-171 [https://doi.org/10.1007/978-3-030-33759-9\\_13](https://doi.org/10.1007/978-3-030-33759-9_13) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

## Cyclohexanohemicucurbit[n]urils, their synthesis, formation mechanism, and complexation =

**Tsükloheksanohemikukurbit[n]uriilid, nende süntees, tekkemehhanism ja komplekseerumine**

**Prigorchenko, Elena** 2019 <https://digi.lib.ttu.ee/i/?12083> [https://www.ester.ee/record=b5228157\\*est](https://www.ester.ee/record=b5228157*est)

## Cytosporone B as a biological preservative: purification, fungicidal activity and mechanism of action against geotrichum citri-aurantii

Yin, Chunxiao; Liu, Hongxin; Shan, Yang; **Gupta, Vijai Kumar**; Jiang, Yueming; Zhang, Weimin; Tan, Haibo; Gong, Liang Biomolecules 2019 / Art. nr. 125 <https://doi.org/10.3390/biom9040125> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## DADS : decentralized attestation for device swarms

Wedaj, Samuel; **Paul, Kolin**; Ribeiro, Vinay J. ACM Transactions on Privacy and Security 2019 / Art. 19

<https://doi.org/10.1145/3325822> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Daniel Kehlmann iseenda kuulsuse jälgedel : Daniel Kehlmann jääb oma uues romaanis nauditavalt iseendaks

**Kaljud, Kristel** Eesti Ekspress : Areen 2019 <https://ekspress.delfi.ee/areen/daniel-kehlmann-iseenda-kuulsuse-jalgedel?id=85822049>

## Data analysis for embedded software performance and energy consumption estimation

**Ruberg, Priit; Liiv, Elvar; Lass, Keijo; Ellervee, Peeter** 2019 IEEE 2nd Ukraine Conference on Electrical and Computer Engineering : UKRCON-2019 : conference proceedings 2019 / p. 928-933 : ill <https://doi.org/10.1109/UKRCON.2019.8879787>

## Data analysis of building sensors for efficient energy management and future trends in the EU

**Crasta, Cletus J.; Agabus, Hannes** 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärdla, Estonia, June 12-15, 2019 : proceedings 2019 / 8 p. : ill <https://doi.org/10.1109/PQ.2019.8818242>

## Dating of glacial palaeogroundwater in the Ordovician-Cambrian aquifer system, northern Baltic Artesian Basin

**Pärn, Joonas; Raidla, Valle; Ivask, Jüri; Kaup, Enn; Martma, Tõnu; Vaikmäe, Rein** Applied geochemistry 2019 / p. 64-76 : ill <https://doi.org/10.1016/j.apgeochem.2019.01.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## David Hilchens Juristenkorrespondenz vs juristische Korrespondenz

Siimets-Gross, Hesi; **Hoffmann, Thomas** Letters, Law and Court in Polish Livonia – the Case of David Hilchen : International conference in Tallinn, 16.04-17.04, 2019 2019 / p. 1 <https://www.utkk.ee/wp-content/uploads/2019/03/programm-hilchen-1.pdf>

## DC-DC перетворювач з широким діапазоном забезпечення режиму природної комутації в нулях напруги

**Blinov, Andrei; Vinnikov, Dmitri**; Ivakhno, Volodymyr; Zamaruiev, Volodymyr; Styslo, Bogdan Вісник НТУ "Харківський політехнічний інститут". Серія: Електричні машини та електромеханічне перетворення енергії = Bulletin of the NTU "Kharkiv Polytechnic Institute". Series: Electrical Machines and Electromechanical Energy Conversion 2019 / с. 14-19 : il

<https://doi.org/10.20998/2409-9295.2019.20.02>

### **Dearomatization of phenols: electrophilic substitution versus addition and ether formation**

**Lopušanskaja, Eleana** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p <http://fntdk.ut.ee/teesid-2019/>

### **Debt repayment problems: short-term and long-term implications for spending**

**Kukk, Merike** Review of economics of the household 2019 / p. 715–740 <https://doi.org/10.1007/s11150-018-9424-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Decomposing comonad morphisms**

**Ahman, Danel; Uustalu, Tarmo** 8th Conference on Algebra and Coalgebra in Computer Science : CALCO 2019, University College London, United Kingdom, 3-6 June 2019 2019 / art. 14 ; 20 p <https://doi.org/10.4230/LIPIcs.CALCO.2019.14> [Conference proceeding at Scopus](#) [Article at Scopus](#)

### **Deep learning for detection of pavement distress using nonideal photographic images**

**Tepljakov, Aleksei; Riid, Andri; Pihlak, Rene; Vassiljeva, Kristina; Petlenkov, Eduard** 2019 42nd International Conference on Telecommunications and Signal Processing (TSP) 2019 / p. 195-200 : ill <https://doi.org/10.1109/TSP.2019.8769086>

### **Deep reinforcement learning for automated tuning of cavity filters**

**Sekhri, Even; Tamre, Mart; Kapoor, Rajiv** Proceedings of IEEE Forum International Conference 2019 / p. 53 [http://www.digitalxplore.org/up\\_proc/pdf/408-154943387153.pdf](http://www.digitalxplore.org/up_proc/pdf/408-154943387153.pdf)

### **Deeper insights into the validation of hydrodynamic models using a synergy of remote sensing data**

**Delpeche-Ellmann, Nicole Camille; Varbla, Sander; Jahanmard, Vahidreza; Ellmann, Artu** Baltic Earth Workshop Climate projections and uncertainties in the northern Baltic Sea region, Helsinki, Finland, 19-20 November, 2019 : Programme, Abstracts, Participants 2019 / p. 14-15

### **Degradation of ceftriaxone in water by heterogeneously activated persulfate [Online resource]**

**Kuntus, Liina; Dulova, Niina; Kattel, Eneliis** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p <http://fntdk.ut.ee/teesid-2019/>

### **Degradation of the climate signal preserved in Svalbard ice. Have the high Svalbard ice fields reached a tipping point?**

**Spolaor, Andrea; Barbaro, Elena; Burgay, F.; Martma, Tõnu** IUGG 2019 : abstract book 2019 / [1] p., abstract: IUGG19-0417 <http://iugg2019montreal.com/abstract-book.html>

### **Degree of Dieudonné determinant defines the order of nonlinear system**

**Kotta, Ülle; Belikov, Juri; Halas, Miroslav; Leibak, Alar** International journal of control 2019 / p. 518-527 <https://doi.org/10.1080/00207179.2017.1361042> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Democracy and economic development : disentangling the effect of elections and rule of law**

**Bakkar, Yassine; Ögçem, Ali Recayî** Baltic journal of European studies 2019 / p. 173-205 <https://doi.org/10.1515/bjes-2019-0042> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Demokraatia kui alternatiivmõtlemise suplus peavoolus**

**Soomere, Tarmo** Sirp 2019 / lk. 34-35 : fot [https://www.ester.ee/record=b1072938\\*est](https://www.ester.ee/record=b1072938*est) <https://www.sirp.ee/s1-artiklid/c21-teadus/demokraatia-kui-alternatiivmõtlemise-suplus-peavoolus/>

### **Demonstration of mitigation measures and clarification of unclear grid code requirements : Deliverable D1.6 [Online resource]**

**Rüberg, S.; Sewdien, V.; Rueda Torres, J. L.; Kilter, Jako** 2019 [Deliverable D1.6](#)

### **Demonstration of the Lorenz Force in the study of physics**

**Gavrilov, Aleksei** American journal of engineering research (AJER) 2019 / p. 15-19 : ill <http://www.ajer.org/papers/Vol-8-issue-1/C08011519.pdf>

### **Demonstration of the Lorenz force using a spark gas discharge**

**Gavrilov, Aleksei** Journal of multidisciplinary engineering science studies 2019 / p. 2545-2547 : ill <http://www.jmess.org/wp-content/uploads/2019/03/JMESSP13420514.pdf>

### **Dependence of the carrier removal rate in 4H-SiC PN structures on irradiation temperature**

**Lebedev, Alexander A.; Davydovskaya, Klavdia S.; Kozlovski, Vitali V.; Korolkov, Oleg; Sleptsuk, Natalja; Toompuu, Jana** Silicon Carbide and Related Materials 2018 : 12th European Conference on Silicon Carbide and Related Materials (ECSCRM 2018) : Selected, peer reviewed papers from the European Conference on Silicon Carbide and Related Materials (ECSCRM 2018), September 2-6, 2018, Birmingham, UK 2019 / p. 730-733 <https://doi.org/10.4028/www.scientific.net/MSF.963.730> [Conference proceeding at Scopus](#) [Article at Scopus](#)

### **Deposition of iron oxide nanoparticles on mesoporous alumina network by wet-combustion technology**

**Kamboj, Nikhil Kumar; Saffarshamshirgar, Ali;** Shirshneva-Vaschenko, Elena; **Hussainova, Irina** Materials chemistry and physics 2019 / p. 340-346 : ill <https://doi.org/10.1016/j.matchemphys.2018.12.095> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Design and implementation of an availability scoring system for cyber defence exercises**

**Pihelgas, Mauno** 14th International Conference on Cyber Warfare and Security (ICCWS 2019) : Stellenbosch University, South Africa, 28 February - 1 March 2019 : Proceedings 2019 / p. 329-337 <http://toc.proceedings.com/48113webtoc.pdf> "ICCWS 2019"

**Design and implementation of intelligent ground vehicle safety systems of high robustness to varying environmental and human factors**

**Aksjonov, Andrei** 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings] 2019 / p. 107-108 [https://www.ester.ee/record=b5183874\\*est](https://www.ester.ee/record=b5183874*est)

**Design and verification of secure cache wrapper against access-driven side-channel attacks**

**Niazmand, Behrad; Azad, Siavoosh Payandeh; Jervan, Gert;** Sepulveda, Johanna Euromicro Conference on Digital System Design : DSD 2019 : 28 - 30 August 2019 Kallithea, Chalkidiki, Greece : proceedings 2019 / p. 672-676 : ill <https://doi.org/10.1109/DSD.2019.00108>

**Design concept and microarchitecture of network-on-chip with best-effort and guaranteed-throughput services**

Samman, Faizal; **Hollstein, Thomas** International journal of innovative computing, information and control 2019 / p. 305-319 : ill <https://doi.org/10.24507/ijicic.15.01.305> <http://www.ijicic.net/> <http://www.ijicic.net/servlet/Download?contentID=CONT5b67c7cbc23142feade914ceeabbd4d> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Design methods for wood-based I-joists exposed to fire - State-of-the-art and improvements**

**Mäger, Katrin Nele; Just, Alar** 15th International Interflam Conference : Interflam 2019, 1-3 July, 2019 : Programme 2019 / p. 1343-1354 <http://www.intersciencecomms.co.uk/html/conferences/Interflam/if19/Interflam%202019%20Table%20of%20Contents.pdf>

**Design of LCL-filter for grid-connected buck-boost inverter based on unfolding circuit**

**Matiushkin, Oleksandr; Husev, Oleksandr; Vinnikov, Dmitri; Kütt, Lauri** 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärdla, Estonia, June 12-15, 2019 : proceedings 2019 / 4 p. : ill <https://doi.org/10.1109/PQ.2019.8818248>

**Design of next generation alloys for additive manufacturing**

**Prashanth, Konda Gokuldoss** Material design & processing communications 2019 / art. 1e50, 4 p. : ill <https://doi.org/10.1002/mdp2.50>

**Design of rotors for synchronous reluctance motor : analytical treatment and optimization**

Orlova, Svetlana; Pugachov, Vladislav; **Rassölkin, Anton; Kallaste, Ants; Vaimann, Toomas** 2019 21st European Conference on Power Electronics and Applications (EPE '19 ECCE Europe), 3-5 Sept. 2019, Genova, Italy : proceedings 2019 / 9 p. : ill <https://doi.org/10.23919/EPE.2019.8914760>

**Designing an effective long-term identity management strategy for a mature e-state**

**Lips, Silvia; Aas, Krista; Pappel, Ingrid; Draheim, Dirk** Electronic Government and the Information Systems Perspective : 8th International Conference, EGOVIS 2019 : Linz, Austria, August 26-29, 2019 : proceedings 2019 / p. 221-234 : ill [https://doi.org/10.1007/978-3-030-27523-5\\_16](https://doi.org/10.1007/978-3-030-27523-5_16) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

**Designing proactive business event services : a case study of the Estonian company registration portal**

Körge, Helena; **Erlenheim, Regina; Draheim, Dirk** Electronic Participation : 11th IFIP WG 8.5 International Conference, ePart 2019, San Benedetto Del Tronto, Italy, September 2-4, 2019, Proceedings 2019 / p. 73 - 84 [https://doi.org/10.1007/978-3-030-27397-2\\_7](https://doi.org/10.1007/978-3-030-27397-2_7) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

**Designing proactive public services = Proaktiivsete avalike teenuste disainimine**

**Erlenheim, Regina** 2019 <https://digikogu.taltech.ee/et/Item/727c90b4-8949-48e1-98f7-c854a56d773e> [https://www.ester.ee/record=b5268214\\*est](https://www.ester.ee/record=b5268214*est)

**Detecting and mitigating Low-and-Slow DoS attacks in NoC-based MPSoCs**

**Chaves Arroyave, Cesar Giovanni; Azad, Siavoosh Payandeh;** Sepulveda, Johanna; **Hollstein, Thomas** 2019 14th International Symposium on Reconfigurable Communication-centric Systems-on-Chip (ReCoSoC) : July 1-3 2019, York - United Kingdom : proceedings 2019 / p. 82-89 : ill <https://doi.org/10.1109/ReCoSoC48741.2019.9034934>

**Detecting overlapping community structure : Estonian network of payments**

**Rendon de la Torre, Stephanie; Kalda, Jaan; Kitt, Robert; Engelbrecht, Jüri** Proceedings of the Estonian Academy of Sciences 2019 / p. 79-88 : ill <https://doi.org/10.3176/proc.2019.1.08> [http://www.kirj.ee/public/proceedings\\_pdf/2019/issue\\_1/proc-2019-1-79-88.pdf](http://www.kirj.ee/public/proceedings_pdf/2019/issue_1/proc-2019-1-79-88.pdf) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Detection and evaluation of driver distraction using machine learning and fuzzy logic**

Aksjonov, Andrei; Nedoma, Pavel; **Vodovozov, Valery; Petlenkov, Eduard**; Herrmann, Martin IEEE Transactions on Intelligent Transportation Systems 2019 / p. 2048 - 2059 <https://doi.org/10.1109/TITS.2018.2857222> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Detection of pulmonary micronodules in computed tomography images and false positive reduction using 3D convolutional neural networks**

Gupta, Anindya; Saar, Tönis; **Märtens, Olev; Le Moullec, Yannick**; Sintorn, Ida-Maria International Journal of Imaging Systems and Technology 2019 / p. 327-339 : ill <https://doi.org/10.1002/ima.22373> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Determination of clay-sand plaster hygrothermal performance : influence of different types of clays on sorption and water vapour permeability**

**Altnäe, Erik; Ruus, Aime; Raamets, Jane; Tungel, Ernst** Cold Climate HVAC 2018 : Sustainable buildings in cold climates : proceedings of the 9th Cold Climate HVAC conference, Kiruna, Sweden, 2018, 12-15 March 2019 / p. 945-955 [https://doi.org/10.1007/978-3-030-00662-4\\_80](https://doi.org/10.1007/978-3-030-00662-4_80)

### **Determination of heat transfer coefficient for the air forced cooling over a flat side of coil**

**Shams Ghahfarokhi, Payam; Kallaste, Ants; Belahcen, Anouar; Vaimann, Toomas** Scientific Journal of Riga Technical University. Electrical, control and communication engineering 2019 / p. 15-20 : ill <https://doi.org/10.2478/ecce-2019-0003>

### **Determining necessary length of the alternating series test for Parkinson's disease modelling**

**Nõmm, Sven; Kossas, Tanel**; Toomela, Aaro; Medijainen, Kadri; Taba, Pille 2019 International Conference on Cyberworlds : CW 2019 : 2-4 October 2019, Kyoto, Japan : proceedings 2019 / p. 261-266 : ill <http://doi.org/10.1109/CW.2019.00050>

### **Developing a database to capture, store and share fall-related safety knowledge to enhance fall prevention in construction industry**

Chellappa, Vigneshkumar; Li, Rita Yi Man; Liias, Roode; Salve, Urmi Ravindra Enabling digital technologies to sustain construction growth and efficiency : 19th International Conference on Construction Applications of Virtual Reality: CONVR 2019 : 13-15 November 2019, Bangkok, Thailand 2019 / p. 152-159 ; ill <http://convr2019.com/PROCEEDINGS-CONVR19.pdf>

### **Developing case studies for implementing COST TU1406 Quality Control plan procedure for typical highway bridges**

Kedar, Amir; **Sein, Sander**; Ademović, Naida; Panetsos, Panagiotis IABSE Symposium Guimarães 2019 : Towards a Resilient Built Environment - Risk and Asset Management, March 27-29, 2019, Guimarães, Portugal 2019 / p. 531-539 : ill [Developing case...](#)

### **Developing military cyber workforce in a conscript armed forces : recruitment, challenges and options**

**Sömer, Tiia; Lorenz, Birgy; Ottis, Rain** 14th International Conference on Cyber Warfare and Security (ICCWS 2019) : Stellenbosch University, South Africa, 28 February - 1 March 2019 : proceedings 2019 / p. 413-421 <http://toc.proceedings.com/48113webtoc.pdf> ["ICCWS 2019"](#)

### **Development of a common toolbox to validate forecast products and reanalysis within the Baltic CMEMS group**

Jandt, Simon; **Verjovkina, Svetlana; Lagemaa, Priidik**; Lorkowski, Ina; Schenk, Ludwig; Janssen, Frank; Kärnä, Tuomas; Axell, Lars; Falahat, Saeed; Huess, Vibeke; Golbeck, Inga; Nord, Adam Abstracts : [BSSC 2019] 2019 / p. 303 [https://www.su.se/polopoly\\_fs/1.446756.1566224624!/menu/standard/file/abstracts\\_A5\\_ny.pdf](https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf)

### **Development of a low-cost, wireless smart thermostat for isothermal DNA amplification in lab-on-a-chip devices**

**Pardy, Tamas; Sink, Henri; Koel, Ants; Rang, Toomas** Micromachines 2019 / art. 437, 13 p. : ill <https://doi.org/10.3390/mi10070437> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Development of a mathematical model for performance prediction of planing catamaran in calm water**

Ghassemzadeh, Abbas; **Dashtimanesh, Abbas**; Habibiasl, M.; Sahoo, P. International journal of maritime engineering 2019 / art.: IJME 538, p. 183-194 [https://www.rina.org.uk/IJME\\_538.html](https://www.rina.org.uk/IJME_538.html) <http://dx.doi.org/10.3940/rina.ijme.2019.a2.538>

### **Development of a molecularly imprinted polymerbased sensor for electrochemical detection of macrolide antibiotics**

**Ayankojo, Akinrinade George; Reut, Jekaterina; Öpik, Andres; Söritski, Vitali** Baltic Polymer Symposium 2019 : Vilnius, Lithuania, 18-20 September 2019 : programme and proceedings 2019 / p. 43 : ill [Development of a molecularly](#)

### **Development of a smart workstation by using AR technology**

Värno, Kätlin; **Mahmood, Kashif; Otto, Tauno; Kuts, Vladimir** Proceedings of the 30th International DAAAM Symposium : Intelligent Manufacturing & Automation, 23-26th October 2019, Zadar, Croatia 2019 / 1061-1067 : ill <https://doi.org/10.2507/30th.daaam.proceedings.148>

### **Development of a smart workstation by using AR technology**

**Värno, Kätlin; Otto, Tauno; Mahmood, Kashif; Kuts, Vladimir** The application track, posters and demos of EuroVR : Proceedings of the 16th Annual EuroVR Conference - 2019 2019 / p. 19-22 : ill <https://doi.org/10.32040/2242-122X.2019.T357> <https://www.vttresearch.com/sites/default/files/pdf/technology/2019/T357.pdf>

**Development of a user-friendly mobile app for the national level promotion of the 4th generation district heating**  
**Volkova, Anna; Latõšov, Eduard; Mašatin, Vladislav; Siirde, Andres** International journal of sustainable energy planning and management 2019 / p. 21–36 : ill <https://doi.org/10.5278/ijsepm.2019.20.3> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Development of airtightness of Estonian wooden buildings**

**Hallik, Jaanus; Kalamees, Targo** Journal of sustainable architecture and civil engineering 2019 / p. 36–43 : ill <https://doi.org/10.5755/j01.sace.24.1.23231>

**Development of airtightness of Estonian wooden buildings : [conference paper]**

**Hallik, Jaanus; Kalamees, Targo** Proceedings of the I Forum Wood Building Baltic, 2019 : [27.02-1.03.2019, Tallinn] 2019 / p. 46–47 : ill [https://www.ester.ee/record=b5197207\\*est](https://www.ester.ee/record=b5197207*est)

**Development of benthic monitoring strategies in the Baltic Sea**

Nygard, Henrik; Lindegarth, Mats; Darr, Alexander; Dinesen, Grete E.; Eigaard, Ole R.; **Lips, Inga** Abstracts : [BSSC 2019] 2019 / p. 309 [https://www.su.se/polopoly\\_fs/1.446756.1566224624!/menu/standard/file/abstracts\\_A5\\_ny.pdf](https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf)

**Development of critical thinking and reflection**

**Rüütman, Tiia** The Challenges of the Digital Transformation in Education : proceedings of the 21st International Conference on Interactive Collaborative Learning (ICL2018) - Volume 2 2019 / p. 895–906 [https://doi.org/10.1007/978-3-030-11935-5\\_85](https://doi.org/10.1007/978-3-030-11935-5_85) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Development of cyber-physical production systems based on modelling technologies**

**Mahmood, Kashif; Karaulova, Tatjana; Otto, Tauno; Ševtšenko, Eduard** Proceedings of the Estonian Academy of Sciences 2019 / p. 348–355 : ill [http://www.kirj.ee/32601/?tpl=1061&c\\_tpl=1064](http://www.kirj.ee/32601/?tpl=1061&c_tpl=1064) <https://doi.org/10.3176/proc.2019.4.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Development of equipment and mathematical model for manufacturing of steered fibre laminate = Seadmete ja matemaatilise mudeli arendamine muutuva kiuga laminaadi valmistamiseks**

**Haavajõe, Anti** 2019 [https://www.ester.ee/record=b5284222\\*est](https://www.ester.ee/record=b5284222*est) <https://digikogu.taltech.ee/et/Item/3328472d-4a53-4e56-a892-93453155327c>

**Development of new requirements for outdoor advertisement screens**

**Varjas, Toivo** 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings] 2019 / p. 231–232 : ill [https://www.ester.ee/record=b5183874\\*est](https://www.ester.ee/record=b5183874*est)

**Development of performance evaluation model for a robot-based manufacturing cell**

**Kangru, Tavo** 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings] 2019 / p. 101–102 [https://www.ester.ee/record=b5183874\\*est](https://www.ester.ee/record=b5183874*est)

**Development of prosumer logical structure and object modeling**

**Korõtko, Tarmo; Rosin, Argo; Ahmadiyahangar, Roya** 2019 IEEE 13th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) : [proceedings] 2019 / 6 p. : ill <https://doi.org/10.1109/CPE.2019.8862390>

**Development of resource regime of oil shale industry : a case of Estonia = Põlevkivitööstuse ressursipoliitika arendamine Eesti näitel**

**Kallemets, Kalev** 2019 <https://digi.lib.ttu.ee/i/?12843> [https://www.ester.ee/record=b5243529\\*est](https://www.ester.ee/record=b5243529*est)

**Development of room temperature secondary fluoride ion batteries = Toatemperatuursete fluoriidioon akude väljaarendamine**

**Mohammad, Irshad** 2019 <https://digi.lib.ttu.ee/i/?12305> [https://www.ester.ee/record=b5227792\\*est](https://www.ester.ee/record=b5227792*est) [Tehnikaülikooli doktorant ehitas uudse energiasalvesti](#)

**Development of synthetic receptor-based sensors for detection of neurotrophic factor proteins**

**Kidakova, Anna; Boroznjak, Roman; Reut, Jekaterina; Öpik, Andres; Sõritski, Vitali** Graduate Student Symposium on Molecular Imprinting 2019, Berlin, Germany, August 28–30, 2019 : Symposium Programme and Book of Abstracts 2019 / p. 31 <https://drive.google.com/file/d/1zR0jNBF1ayQ3AdKgX4YrCztpE00iSex-/view>

**Development of thermal analysis tools for synchronous reluctance motors = Soojusanalüüsi töövahendi väljaarendus sünkroon-reluktantsmootorile**

**Shams Ghahfarokhi, Payam** 2019 <https://digi.lib.ttu.ee/i/?12288> [https://www.ester.ee/record=b5233445\\*est](https://www.ester.ee/record=b5233445*est)

**Development prospects of the oil shale industry under conditions of renewable and low-carbon energy policy = Põlevkivitööstuse arenguperspektiivid taastuvenergia ja madala süsinikuheitega tehnoloogia arendamise poliitika tingimustes**

**Pulkkinen, Svetlana** 2019 <https://digi.lib.ttu.ee/i/?12019> [https://www.ester.ee/record=b5227428\\*est](https://www.ester.ee/record=b5227428*est)

### **A device for measuring wind waves in the marginal ice zone**

**Alari, Victor**; Björkqvist, Jan-Victor; **Kask, Anne**; Mölder, Kristjan; Kaldvee, Valdur Abstracts : [BSSC 2019] 2019 / p. 296  
[https://www.su.se/polopoly\\_fs/1.446756.1566224624!/menu/standard/file/abstracts\\_A5\\_ny.pdf](https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf)

### **Device-to-device discovery and localization assisted by UAVs in pervasive public safety networks**

**Masood, Ali**; **Sharma, Navuday**; **Alam, Muhammad Mahtab**; **Le Moulec, Yannick**; Scazzoli, Davide; Magarini, Maurizio; Ahmad, Rizwan Proceedings of the ACM MobiHoc workshop on innovative aerial communication solutions for First REsponders network in emergency scenarios : iFIRE '19, Catania, Italy, July 2-5, 2019 2019 / p. 6-11 <https://doi.org/10.1145/3331053.3335031>

### **Diagnosing DoS attacks in NoC-based MPSoCs**

**Chaves Arroyave, Cesar Giovanni**; **Azad, Siavoosh Payandeh**; **Hollstein, Thomas**; Sepulveda, Johanna Testmethoden und Zuverlässigkeit von Schaltungen und Systemen, TUZ 2019 2019 / p. [39–41] <https://www.researchgate.net/publication/333756736>

### **Diagrammatikus érvelés - a kétkedés vége? = Diagrammatic Reasoning : The End of Scepticism?**

**Moktefi, Amirouche** Magyar Tudomány 2019 / p. 970–978 <http://dx.doi.org/10.1556/2065.180.2019.7.4>

### **Diastereoselective [2,3]-sigmatropic rearrangement of N-allyl ammonium ylides**

**Murre, Aleksandra**; **Erkman, Kristin**; **Kaabel, Sandra**; **Järving, Ivar**; **Kanger, Tõnis** Synthesis 2019 / p. 4183–4197  
<https://doi.org/10.1055/s-0039-1690185> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Dietary natural products and their potential to influence health and disease including animal model studies**

Yeung, Andy Wai Kan; Aggarwal, Bharat Bhushan; Barreca, Davide; Battino, Maurizio; Belwal, Tarun; Horbańczuk, Olaf K.; Berindan-Neagoe, Ioana; Bishayee, Anupam; Daglia, Maria; **Gupta, Vijai Kumar** Animal science papers and reports 2019 / p. 345-358 : ill <https://www.iris.unict.it/bitstream/20.500.11769/364904/2/Dietary%20natural%20products%20and%20their%20potential%20to%20influence%20health%20and%20disease%20including%20animal%20model%20studies%20.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Differences in Android behavior between real device and emulator : a malware detection perspective**

**Guerra Manzanares, Alejandro**; **Bahsi, Hayretidin**; **Nömm, Sven** 6th International Conference on Internet of Things: Systems, Management and Security (IOTSMS), Granada, Spain, October 22-25, 2019 2019 / art. 8939268, p. 399-404  
<https://doi.org/10.1109/IOTSMS48152.2019.8939268>

### **Differential phosphorylation determines the repressor and activator potencies of GLI1 proteins and their efficiency in modulating the HPV life cycle**

Piirsoo, Alla; **Pink, Anne**; **Kasak, Lagle**; Kala, Martin; Kasvandik, Sergo; Ustav, Mart; Piirsoo, Marko PLoS ONE 2019 / art. e0225775, 21 p. : ill <https://doi.org/10.1371/journal.pone.0225775> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Differential susceptibility of catheter biomaterials to biofilm-associated infections and their remedy by drug-encapsulated eudragit RL100 nanoparticles**

Pandey, Vivek Kumar; Srivastava, Kumar Rohit; Ajmal, Gufran; Thakur, Vijay Kumar; **Gupta, Vijai Kumar**; Upadhyay, Siddh Nath; Mishra, Pradeep Kumar International Journal of Molecular Sciences 2019 / Art. nr. 5110 <https://doi.org/10.3390/ijms20205110> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Digikeskus GovALLab aitab riigil luua tõhusaid tehisintellekti põhiseid lahendusi**

Mente et Manu 2019 / lk. 7 : portr [https://www.ttu.ee/public/m/mente-et-manu/MM\\_05\\_2019/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_05_2019/mobile/index.html)  
[https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

### **Digikratt - tõlk arsti ja patsiendi vahel**

**Kruus, Priit** Postimees 2019 / Lk. 18-19 : fot <https://leht.postimees.ee/6842515/digikratt-tolk-arsti-ja-patsiendi-vahel>  
[https://www.ester.ee/record=b1072778\\*est](https://www.ester.ee/record=b1072778*est)

### **Digilahendused aitavad südamehaiged paremini jälgida ja ravida : [Euroopa kardioloogide seltsi tippkohtumisest Tallinnas : Margus Viigimaa kommentaaridega]**

Maasikamäe, Sirje Õhtuleht 2019 / Tervis, lk. 6-7 [https://issuu.com/ohtuleht/docs/tervis\\_november\\_2019](https://issuu.com/ohtuleht/docs/tervis_november_2019)

### **Digimuutused ettevõttes - vältimatu vajadus**

Tamm, Kadri TööstusEST 2019 / lk. 22-26 : fot [http://www.ester.ee/record=b4481084\\*est](http://www.ester.ee/record=b4481084*est)  
<https://toostusest.ee/uudis/2019/05/14/digimuutused-ettevottes-valtimatu-vajadus/>

### **Digitaalse kirjaoskuse tase eesti keele kui teise keele õppes**

**Prees, Ingrid** Oma Keel : OK : keeleajakiri kõigile 2019 / lk. 68-75 [http://emakeeleselts.ee/omakeel/2019\\_1/OK-1-2019\\_10.pdf](http://emakeeleselts.ee/omakeel/2019_1/OK-1-2019_10.pdf)

### **Digitaalsete elektrivõrkude lävel : [noorteadlaste konkursi Teadus kolme minutiga ettekanne]**

**Uuemaa, Madis** Teadus kolme minutiga : 2017-2019 2019 / lk. 144-147 : portr., ill [https://www.ester.ee/record=b5245642\\*est](https://www.ester.ee/record=b5245642*est)

## Digital Content Marketing's Role in Fostering Consumer Engagement, Trust, and Value: Framework, Fundamental Propositions, and Implications

Hollebeek, Linda Desiree; Macky, Keith Journal of interactive marketing 2019 / p. 27–41 <https://doi.org/10.1016/j.intmar.2018.07.003>

## A Digital ecosystem for personal manufacturing : an architecture for cloud-based distributed manufacturing operating systems

Vedešin, Anton; Dogru, John Mehmet Ulgar; Liiv, Innar; Draheim, Dirk; Ben Yahia, Sadok MEDES '19 : A Digital Ecosystem for Personal Manufacturing : An Architecture for Cloud-based Distributed Manufacturing Operating Systems : proceedings 2019 / p. 224–228 : ill <https://doi.org/10.1145/3297662.3365792>

## Digital Twin : concept of hybrid programming for industrial robots - use case

Kuts, Vladimir; Sarkans, Martinš; Otto, Tauno; Tähemaa, Toivo; Bondarenko, Yevhen ASME 2019 International Mechanical Engineering Congress and Exposition : conference proceedings 2019 / Paper No: IMECE2019-10583, V02BT02A005; 8 pages <https://doi.org/10.1115/IMECE2019-10583>

## Digital twin based synchronised control and simulation of the industrial robotic cell using virtual reality

Kuts, Vladimir; Otto, Tauno; Tähemaa, Toivo; Bondarenko, Yevhen Journal of machine engineering 2019 / p. 128–145 : ill <https://doi.org/10.5604/01.3001.0013.0464> [Journal metrics at Scopus](#) [Article at Scopus](#)

## Digital twin based synchronized control and simulation of the industrial robotic cell using virtual reality

Kuts, Vladimir 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings] 2019 / p. 87-88 : ill [https://www.ester.ee/record=b5183874\\*est](https://www.ester.ee/record=b5183874*est)

## Digital twin for propulsion drive of autonomous electric vehicle

Rassõlkin, Anton; Kuts, Vladimir; Kallaste, Ants; Vaimann, Toomas 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019 : conference proceedings 2019 / 4 p. : ill <https://doi.org/10.1109/RTUCON48111.2019.8982326>

## Digitalization of engineering education : from e-learning to smart education

Makarova, Irina; Shubenkova, Ksenia; Antov, Dago; Pashkevich, Anton Smart Industry & Smart Education : proceedings of the 15th International Conference on Remote Engineering and Virtual Instrumentation 2019 / p. 32–41 [https://doi.org/10.1007/978-3-319-95678-7\\_4](https://doi.org/10.1007/978-3-319-95678-7_4) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

## Digital-toolkit for promoting tourist destinations

Prokopenko, Olha; Larina, Yaroslava; Chetveryk, Olena; Kravtsov, Sergiy; Rozhko, Nataliya; Lorvi, Iryna International journal of innovative technology and exploring engineering 2019 / p. 4982-4987 : ill <https://doi.org/10.35940/ijitee.L3745.1081219> [Journal metrics at Scopus](#) [Article at Scopus](#)

## Digitootmise tehnoloogiarendusest töötlevale tööstusele

Küttner, Rein; Karjust, Kristo; Otto, Tauno; Riives, Jüri Teadusmõtte Eestis (X). Tehnikateadused. 3 : [artiklikogumik] 2019 / lk. 122-129 : ill., fot [https://www.ester.ee/record=b5208765\\*est](https://www.ester.ee/record=b5208765*est)

## Dikarboksüülhapete stabiilsus oksüdatsioonil õhuhapnikuga vesikeskkonnas

Kaldas, Kristiina; Preegel, Gert; Muldma, Kati; Lopp, Margus XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 16 : ill

## Direct aqueous carbonation on olivine at a CO<sub>2</sub> partial pressure of 6.5 MPa

Li, Jiajie; Jacobs, Anthony D.; Hitch, Michael William Energy 2019 / p. 902-910 : ill <https://doi.org/10.1016/j.energy.2019.02.125> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Direct droplet digital PCR (dddPCR) for species specific, accurate and precise quantification of bacteria in mixed samples

Pacocha, Natalia; Scheler, Ott; Nowak, Mikolaj Marcin Analytical methods 2019 / p. 5655–5738 : ill <https://doi.org/10.1039/c9ay01874c> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Directional Approach to Enantiomerically Enriched Functionalized [7]Oxa-helicenoids and Groove-Based Selective Cyanide Sensing

Khose, Vaibhav N.; Hasan, Mohammed; Khot, Sushil C.; Mobin, Shaikh M.; Borovkov, Victor; Kamik, Anil V. Journal of organic chemistry 2019 / p. 1847–1860 : ill <https://doi.org/10.1021/acs.joc.9b02100>

## Discharge of meteoric water in the eastern Norwegian Sea since the last glacial period

Hong, WeiLi; Lepland, Aivo; Himmeler, Tobias; Martma, Tõnu Geophysical research letters 2019 / p. 8194-8204 : ill <https://doi.org/10.1029/2019GL084237> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Discordant amyloid- $\beta$ PET and CSF biomarkers and its clinical consequences

Wilde, Arno de; Reimand, Juhan; Teunissen, Charlotte E.; Zwan, Marissa Alzheimer's Research & Therapy 2019 / art. 78, 13 p. : ill

**Disentangling the impact of nutrient load and climate changes on Baltic Sea hypoxia and eutrophication since 1850**

Meier, H.E. Markus; Eilola, Kari; Almroth-Rosell, Elin; Väli, Germa Climate dynamics 2019 / p. 1145–1166 : ill

<https://doi.org/10.1007/s00382-018-4296-y> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Dispersive and nondispersive nonlinear long wave transformations: numerical and experimental results**

Torsvik, Tomas; Abdalazeez, Ahmed; Dutykh, Denys; Denissenko, Petr; Didenkulova, Irina Applied wave mathematics II : selected topics in solids, fluids, and mathematical methods and complexity 2019 / p. 41-60 [https://doi.org/10.1007/978-3-030-29951-4\\_3](https://doi.org/10.1007/978-3-030-29951-4_3)  
[https://www.ester.ee/record=b5303400\\*est](https://www.ester.ee/record=b5303400*est)

**Dispersive effects during long wave runup on a beach**

Didenkulova, Irina; Abdalazeez, Ahmed; Dutykh, Denys Geophysical research abstracts 2019 / p. EGU2019-16378

<https://meetingorganizer.copernicus.org/EGU2019/EGU2019-16378.pdf>

**Dispersive effects during long wave run-up on a plane beach**

Abdalazeez, Ahmed; Didenkulova, Irina; Dutykh, Denys Advances in Natural Hazards and Hydrological Risks : Meeting the Challenge : proceedings of the 2nd International Workshop on Natural Hazards (NATHAZ'19), Pico Island—Azores 2019 2019 / p. 143-146 [https://doi.org/10.1007/978-3-030-34397-2\\_28](https://doi.org/10.1007/978-3-030-34397-2_28) Conference proceeding at Scopus Article at Scopus Article at WOS

**Dissimilar welding of Al0.1CoCrFeNi high-entropy alloy and AISI304 stainless steel**

Sokkalingam, Rathinavelu; Muthupandi, Veerappan; Sivaprasad, Katakam; Prashanth, Konda Gokuldoss Journal of materials research and technology 2019 / p. 2683-2694 : ill <https://doi.org/10.1557/jmr.2019.186> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Distinct characteristics of the substrate binding between highly homologous catalase-related allene oxide synthase and hydroperoxide lyase**

Teder, Tarvi; Samel, Nigulas; Löhela, Helike Archives of biochemistry and biophysics 2019 / art. 108126, 10 p. : ill

<https://doi.org/10.1016/j.abb.2019.108126> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Distorted grid and significant computation feedback delay**

Pimentel, Sergio Pires; Husev, Oleksandr; Vinnikov, Dmitri; Stepenko, Serhii; Kütt, Lauri; Rodriguez, Jose 2019 IEEE 15th Brazilian Power Electronics Conference and 5th IEEE Southern Power Electronics Conference (COBEP/SPEC 2019) Santos, Brazil, 1-4 December 2019 2019 / p. 1481-1486 <http://toc.proceedings.com/52923webtoc.pdf>

**Distractors of computerised creative knowledge work**

Hazak, Aaro Application of Information and Communication Technologies - AICT2019, 23-25 October 2019, Baku : conference proceedings 2019 / p. 280-283 : ill <https://doi.org/10.1109/AICT47866.2019.8981767>

**Distribution transformer frequency response analysis : behavior of different statistical indices during inter-disk fault**

Nurmanova, Venera; Sultanbek, Adilet; Bagheri, Mehdi; Ahmadihangar, Roya 2019 IEEE International Conference on Environment and Electrical Engineering and 2019 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe) 2019 / 6 p. : ill <https://doi.org/10.1109/EEEIC.2019.8783252>

**Dizaino, tehnoloģiju ir ekonomiju īstekļu tarpdisciplinārkuma taikymas karjeros konsultavime**

2019 <http://books.rta.lv/index.php/RTA/catalog/view/12/15/52-1>

**Divergence between bread wheat and Triticum militinae in the powdery mildew resistance QPm.tu14A locus and its implications for cloning of the resistance gene**

Janáková, Eva; Jakobson, Irena; Peuša, Hilma; Järve, Kadri Theoretical and applied genetics 2019 / p. 1061–1072 : ill

<https://doi.org/10.1007/s00122-018-3259-3> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Divergent access to histone deacetylase inhibitory cyclopeptides via a late-stage cyclopropane ring Cleavage strategy. Short synthesis of Chlamydocin**

Elek, Gabor Zoltan; Koppel, Kaur; Zubryski, Dymitry M.; Konrad, Nele; Järving, Ivar; Lopp, Margus; Kananovich, Dymitry Organic letters 2019 / p. 8473-8478 : ill <https://doi.org/10.1021/acs.orglett.9b03305> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Divergent access to histone deacetylase inhibitory cyclopeptides via a late-stage cyclopropane ring Cleavage strategy. Short synthesis of Chlamydocin**

Elek, Gabor Zoltan ESOC 2019 : 21st European Symposium on Organic Chemistry, July 14-18, 2019, Vienna, Austria : abstracts 2019 / PO-381 ; p. 143 [http://esoc2019.conf.tuwien.ac.at/fileadmin/ESOC2019/files/ESOC2019\\_web.pdf](http://esoc2019.conf.tuwien.ac.at/fileadmin/ESOC2019/files/ESOC2019_web.pdf)

**Diversity of Antarctic lakes, ponds and streams**

Howard-Williams, Clive; Hawes, Ian; Doran, Peter; Siegert, Martin; Camacho, Antonio; Kaup, Enn Antarctic environments portal 2019 <https://doi.org/10.18124/e777-zf62> <https://www.environments.aq/information-summaries/diversity-of-antarctic-lakes-ponds-and-streams/>

**Dmitri Kvasov, the forgotten eminent encyclopaedist, and palaeolimnology**

**Raukas, Anto** Acta Baltica historiae et philosophiae scientiarum 2019 / p. 109-120 : ill, map <https://doi.org/10.11590/abhps.2019.1.08>

**Doktor Viigimaa avaldab, millal võib treenides tabada äkksurm [Võrguväljaanne]**

**Viigimaa, Margus** Postimees 2019 / fot [Doktor Viigimaa avaldab, millal võib treenides tabada äkksurm](https://soundcloud.com/regionalhaigla/tervisepooltund-episood-6-sport-sydame-tervis)  
<https://soundcloud.com/regionalhaigla/tervisepooltund-episood-6-sport-sydame-tervis>

**Doktor Viigimaa selgitab, millised kahjustused tekitab kõrge vererõhk ja kuidas seda langetada [Võrguväljaanne]**

**Viigimaa, Margus** Postimees 2019 / fot [Doktor Viigimaa selgitab, millised kahjustused tekitab kõrge vererõhk ja kuidas seda langetada](https://soundcloud.com/regionalhaigla/tervisepooltund-episood-2-korge-vererohk-vajab-ilmtingimata-ravi)  
<https://soundcloud.com/regionalhaigla/tervisepooltund-episood-2-korge-vererohk-vajab-ilmtingimata-ravi>

**Doktor Viigimaa: külm aeg tekitab vererõhu tõusu ja suurendab trombiohtu [Võrguväljaanne]**

**Viigimaa, Margus** Postimees 2019 / fot [Doktor Viigimaa: külm aeg tekitab vererõhu tõusu ja suurendab trombiohtu](https://etv.err.ee/997189/pime-aeg-ja-sudamehaigused)  
<https://etv.err.ee/997189/pime-aeg-ja-sudamehaigused>

**Doktorikraadi kaitsmisi : [ka TalTechis]**

Põlevad ja mittepõlevad energiaallikad = Combustible and non-combustible energy resources 2018/2019 2019 / lk. 46  
[https://www.ester.ee/record=b4613503\\*est](https://www.ester.ee/record=b4613503*est)

**Doktoritööd : detsember 2018 - veebruar 2019 : [doktorikraadi kaitsesid M. Butsenko, S. Ustav, A.A. Bilau, Z.S. Rekiso, T. Plamus, M. Taleb, S. Mishra, T. Kangro, I. Mandre, K. Mahmood, R. Kosenko, M.C. Solarte Vasquez, I. Leinemann, S. Kaabel, J. Janno, E.-L. Ojangu, M.R. Mahunnah]**

Mente et Manu 2019 / lk. 70-71 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est) [https://www.ttu.ee/public/m/mente-et-manu/MM\\_01\\_2019/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_01_2019/mobile/index.html)

**Doktoritööd : juuni - september 2019 : [doktorikraadi kaitsesid P. Lauk, Ghahfarokhi, P. S., Nurme, S., Holovenko, Y., Korõtko, T., Kuts, V., Zernant, J., Santasheva, E., Aksjonov, A., Javed, K., Marenkov, J., Maljutenko, I., Hariharan, R., Kallemets, K., Artemtšuk, I.]**

Mente et Manu 2019 / lk. 68-69 [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est) [https://www.ttu.ee/public/m/mente-et-manu/MM\\_04\\_2019/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_04_2019/mobile/index.html)

**Doktoritööd : mai - juuni 2019 : [doktorikraadi kaitsesid C. Neubauer, S. Pulkkinen, A.-L. Kubo, B. Blumbergs, E. Prigorchenko, I. Mohammad, S. Rikka, H. Kallakas]**

Mente et Manu 2019 / lk. 65 [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est) [https://www.ttu.ee/public/m/mente-et-manu/MM\\_03\\_2019/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_03_2019/mobile/index.html)

**Doktoritööd : märts - mai 2019 : [doktorikraadi kaitsesid K. Reitel, T. Koppel, V. Sulakatko, M. Muna, D.-H. Fischer, S. Ulp, J. Kõusaar, E. Halling, E. Pikas, J.F. Fuentes-Pérez, S. Rendón de la Torre, I. Jakobson]**

Mente et Manu 2019 / lk. 62-63 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est) [https://www.ttu.ee/public/m/mente-et-manu/MM\\_02\\_2019/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_02_2019/mobile/index.html)

**Doktoritööd : oktoober - detsember 2019 : [doktorikraadi kaitsesid T. Drell, J. Družinina, R. Erlenheim, E. Sõõru, T. Vaarmets, M. Reidolf, T. Mere, U. Toom, J. Tintera, R. Simson, N. Oldekop, S. Sultson, E. Astra, T. Teder]**

Mente et Manu 2019 / lk. 64-65 : fot [https://www.ttu.ee/public/m/mente-et-manu/MM\\_05\\_2019/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_05_2019/mobile/index.html)  
[https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

**Dolomitic palaeosols in a fluvial siliciclastic succession: Šķervēlis Formation, Uppermost Famennian to Mississippian, south-west Latvia**

Stinkulis, Girts; Pipira, Daiga; Keipane, Lauma; Vircava, Ilze; **Martma, Tõnu** IAS 2019 : 34th International Association of Sedimentologists 2019 Meeting of Sedimentology, Rome, Italy, 10-13 September 2019 2019 / 1 p  
<https://iasroma2019.exordo.com/programme/presentation/86>

**Doping and alloying of kesterites**

Romanyuk, Yaroslav E.; Haass, Stefan G.; Giraldo, Sergio; **Kauk-Kuusik, Marit** Journal of Physics Energy 2019 / art. 044004, 22 p. : ill <https://doi.org/10.1088/2515-7655/ab23bc>

**DORM : narrowband IoT development platform and indoor deployment coverage analysis**

**Khan, Sikandar Muhammad Zulqarnain; Malik, Hassan; Sarmiento, Jeffrey Leonel Redondo; Alam, Muhammad Mahtab; Le Moullec, Yannick** Procedia computer science 2019 / p. 1084-1091 : ill <https://doi.org/10.1016/j.procs.2019.04.154> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**DoS attack detection and path collision localization in NoC-based MPSoC architectures**

**Chaves Arroyave, Cesar Giovanni; Azad, Siavoosh Payandeh; Hollstein, Thomas; Sepulveda, Johanna** Journal of low power electronics and applications 2019 / art. 7, 20 p. : ill <https://doi.org/10.3390/jlpea9010007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Draft genome sequence of a new pseudomonas sp. strain, ef1, associated with the psychrophilic Antarctic Ciliate**

### **Euplotes focardii**

**Ramasamy, Kesava Priyan**; Telatin, Andrea; Mozzicafreddo, Matteo; Miceli, Cristina; Pucciarelli, Sandra Microbiology resource announcements 2019 / art. e00867-19, 2 p <http://dx.doi.org/10.1128/MRA.00867-19>

### **Driver profiles based on values and traffic safety climate and their relationships with driver behaviors**

Kaçan, Bilgesu; Fındık, Gizem; Üzümcüoğlu, Yeşim; **Pashkevich, Anton**; **Pashkevich, Maria** Transportation research part F : traffic psychology and behaviour 2019 / p. 246-259 <https://doi.org/10.1016/j.trf.2019.05.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A dual colour FISH method for routine validation of sexed Bos taurus semen**

Reinsalu, Olavi; **Scheler, Ott**; Mikelsaar, Ruth; Mikelsaar, Aavo-Valdur; Hallap, Triin; Jaakma, Ülle; Padrik, Peeter; Kavak, Ants; Salumets, Andres; Kurg, Ants BMC Veterinary Research 2019 / art. 104 <https://doi.org/10.1186/s12917-019-1839-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Dynamic and distributed security management for NoC Based MPSoCs**

**Azad, Siavoosh Payandeh**; **Jervan, Gert**; Sepulveda, Johanna Computational Science - ICCS 2019 : 19th International Conference, Faro, Portugal, June 12-14, 2019 : Proceedings, Part II 2019 / p. 649–662 : ill [https://doi.org/10.1007/978-3-030-22741-8\\_4](https://doi.org/10.1007/978-3-030-22741-8_4) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

### **Dynamic predictive modeling approach of user behavior in virtual reality based application**

**Köse, Ahmet**; **Tepljakov, Aleksei**; **Petlenkov, Eduard** 2019 27th Mediterranean Conference on Control and Automation (MED) 2019 / p. 57-62 : ill <https://doi.org/10.1109/MED.2019.8798521>

### **Dynamic radio frame configuration by exploiting uplink control channel for URLLC**

**Sharma, Navuday**; **Alam, Muhammad Mahtab**; **Le Moullec, Yannick**; **Malik, Hassan**; Bennis, Mehdi; **Päränd, Sven** 2019 IEEE Wireless Communications and Networking Conference Workshop (WCNCW) 2019 / 6 p. : ill <https://doi.org/10.1109/WCNCW.2019.8902898>

### **Earliest Petroxestes borings from Sandbian (earliest late ordovician) bryozoans of Northern Estonia**

Vinn, Olev; Ernst, Andrej; **Toom, Ursula** Palaios 2019 / p. 453-457 <https://doi.org/10.2110/palo.2019.054> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Early diversification of chitinozoans on Baltica : new data from northern Estonia and Latvia**

**Liang, Yan**; **Nõlvak, Jaak**; **Hints, Olle** 13th International Symposium on the Ordovician System : Novosibirsk, Russia (July 19-22, 2019) : contributions 2019 / p. 119–120 <http://www.igcp653.org/wp-content/uploads/2019/07/ISOS13Proceedings.pdf>

### **Early diversification of Ordovician chitinozoans on Baltica : New data from the Jägala waterfall section, northern Estonia**

**Nõlvak, Jaak**; **Liang, Yan**; **Hints, Olle** Palaeogeography, palaeoclimatology, palaeoecology 2019 / p. 14-24 : ill <https://doi.org/10.1016/j.palaeo.2019.04.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **The early $\pi$ -calculus in ticked cubical type theory**

**Veltri, Niccolo**; Vezzosi, Andrea 31st Nordic Workshop on Programming Theory, NWPT 2019, Tallinn, Estonia, 13-15 November 2019 : abstracts 2019 / p. 77-80 <https://doi.org/10.23658/taltech.nwpt/2019>

### **Ebaseaduslik ravimivõrgustik õngitseb eestlasi võltsidentiteetide abil**

Mihelson, Helen; Minkova, Jekaterina Postimees 2019 / Lk. 4-5 : portr <https://leht.postimees.ee/6815444/ebaseaduslik-ravimivorgustik-ongitseb-eestlasi-voltsidentiteetide-abil> [https://www.ester.ee/record=b1072778\\*est](https://www.ester.ee/record=b1072778*est)

### **Ecohydraulics of non-uniform flows in Vertical Slot Fishways**

Branco, Paulo; **Fuentes-Pérez, Juan Francisco**; Eckert, Mario; **Tuhtan, Jeffrey Andrew**; **Kruusmaa, Maarja** Riverine landscapes as coupled socio-ecological systems : 6th biennial Symposium of the International Society for River Science : book of abstracts 2019 / p. 183 [https://www.bib.irb.hr/1025362/download/1025362.ISRS2019\\_book\\_of\\_abstracts.pdf](https://www.bib.irb.hr/1025362/download/1025362.ISRS2019_book_of_abstracts.pdf)

### **Economics of late development and industrialization : putting Gebrehiwot Baykedagn (1886-1919) in context**

**Rekiso, Zinabu Samaro** Cambridge Journal of Economics 2019 / p. 223 - 248 <https://doi.org/10.1093/cje/bey001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Edumeelsed bandiitharitlased : [Ragnar Nurkse innovatsiooni ja valitsemise instituudiga seonduv]**

Laine, Martin Postimees 2019 / lk. 4 <https://arvamus.postimees.ee/6760764/edumeelsed-bandiitharitlased>

### **Eelmine rektor kritiseerib TTÜ-st TalTechi teinud Aaviksood : sisuliselt näidatakse meile träasa!**

Tiks, Joosep Eesti Päevaleht 2019 / lk. 6 <https://epl.delfi.ee/artikkel/86305929/eelmine-rektor-kritiseerib-ttu-st-taltech-i-teinud-aaviksood-sisuliselt-naidatakse-meile-traasa>

### **EERO Eelnurme stipendium 2019 : [Tallinna Tehnikaülikooli inseneriteaduskonna tudengile Erik Teder'ile]**

Tammark, Mari Ann Eesti Elu : [Kanada ajaleht] 2019 / lk. 1 : fot <https://eestielu.com/et/kultuur/89-haridus/9432-eero-eelnurme-stipendium->

[2019](#)

#### **Eessõna**

**Soesoo, Alvar** Aastaraamat 2018 / Eesti Geoloogiateenistus 2019 / lk. 3 : portr [https://www.ester.ee/record=b5258416\\*est](https://www.ester.ee/record=b5258416*est)  
[https://www.ester.ee/record=b5231712\\*est](https://www.ester.ee/record=b5231712*est)

#### **Eessõna**

**Kuusik, Rein, keemik** 30 aastat Eesti Meestelaulu Seltsi Tallinna Meeskoori : 1989-2019 2019 / lk. 4-5 : fot [https://www.ester.ee/record=b5280542\\*est](https://www.ester.ee/record=b5280542*est)

#### **Eessõna**

**Käsper, Kari** Inimõigused Eestis 2020 : areng aastatel 2018-2019 2019 / lk. 4-5 <https://humanrights.ee/materjalid/inimoigused-eestis-2020/hea-lugeja/>

#### **[Eessõna]**

**Aaviksoo, Jaak** Majandusaasta aruanne 2018 / TalTech 2019 / lk. 5 : fot [https://www.ester.ee/record=b5263625\\*est](https://www.ester.ee/record=b5263625*est)

#### **Eessõna**

**Andrejev, Viktor** Aastaraamat 2018 / Tallinna Tehnikaülikool, Virumaa Kolledž 2019 / lk. 3 [https://www.ester.ee/record=b2666429\\*est](https://www.ester.ee/record=b2666429*est)

#### **Eesti avaandmete tuluallikaks muutmist aeglustab eduka e-riigi pärand [Võrguväljaanne]**

err.ee 2019 / fot [Eesti avaandmete tuluallikaks muutmist aeglustab eduka e-riigi pärand](#)

#### **Eesti elektriinseneride koolitamisest**

**Liibek, Tõnis** Elektriala 2019 / lk. 21 : fot [http://www.ester.ee/record=b1240496\\*est](http://www.ester.ee/record=b1240496*est) [https://artiklid.elnet.ee/record=b2871798\\*est](https://artiklid.elnet.ee/record=b2871798*est)

#### **Eesti elektritootmise tulevikuvõimalustest**

**Koduvere, Hardi; Tammoja, Heiki** Elektriala 2019 / lk. 8-9 : ill [http://www.ester.ee/record=b1240496\\*est](http://www.ester.ee/record=b1240496*est)  
[https://artiklid.elnet.ee/record=b2877865\\*est](https://artiklid.elnet.ee/record=b2877865*est)

#### **Eesti geodeedid rahvusvahelises teaduses**

**Varbla, Sander; Ellmann, Artu** Geodeet 2019 / lk. 56-58 : fot [http://www.ester.ee/record=b1072198\\*est](http://www.ester.ee/record=b1072198*est)  
[https://artiklid.elnet.ee/record=b2883052\\*est](https://artiklid.elnet.ee/record=b2883052*est)

#### **Eesti geoloogia sihib kriitilisi ressursse**

Maran, Kaur; **Soesoo, Alvar** Postimees 2019 / lk. 10-11 [Eesti geoloogia sihib kriitilisi ressursse](#)

#### **Eesti huntide arvukust hinnatakse DNA-a nalüüsiga**

Imeline Teadus 2019 / lk. 21 : fot [https://www.ester.ee/record=b2747925\\*est](https://www.ester.ee/record=b2747925*est)

#### **Eesti ja Türgi peavad kulissidetagust lahingut siia põgenenud Türgi teadlase üle : [TTÜs töötavast tarkvarateadlasest]**

Salu, Mikk Eesti Ekspress 2019 / lk. 13

#### **Eesti keele toeta virtuaalassistendid võivad keele säilimisele teha karuteene [Võrguväljaanne]**

Maarits, Merit novaator.err.ee 2019 / fot [Eesti keele toeta virtuaalassistendid võivad keele säilimisele teha karuteene](#)

#### **Eesti keele õpe peab jätkuma ka ülikoolis**

**Prees, Ingrid** Põhjarannik 2019 / lk. 4 : fot <https://pohjarannik.postimees.ee/6542676/eesti-keele-ope-peab-jatkuma-ka-ulikoolis>

#### **Eesti Keeleressursside Keskus**

Eesti teadustaristu teekaart 2019 2019 / lk. 34 : ill [https://www.ester.ee/record=b5236321\\*est](https://www.ester.ee/record=b5236321*est)

#### **Eesti Keemiaselts 100**

**Lopp, Margus** XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 1  
[https://www.ester.ee/record=b5208044\\*est](https://www.ester.ee/record=b5208044*est)

#### **Eesti Keskkonnaobservatoorium**

Eesti teadustaristu teekaart 2019 2019 / lk. 10 : fot [https://www.ester.ee/record=b5236321\\*est](https://www.ester.ee/record=b5236321*est)

#### **Eesti kodanikust ukraina õigusteadlane : Venemaale maksab kätte liigne kartmatus**

**Tsybulenko, Evhen** Postimees 2019 / lk. 14-15 : fot <https://leht.postimees.ee/6539079/eesti-kodanikust-ukraina-ogusteadlane-venemaale-maksab-katte-liigne-kartmatus>

#### **Eesti kõrtsid : [fotoalbum]**

**Tihase, Karl** 2019 [https://www.ester.ee/record=b5284201\\*est](https://www.ester.ee/record=b5284201*est)

## **Eesti kaitub rahvusliku rikkuse põlevkiviga nagu laps, kes esmalt sööb tordilt ära kaunistused**

Reimer, Andres; Lopp, Margus Eesti Päevaleht, LP 2019 / lk. 20-22 <https://arileht.delfi.ee/artikkel/87390881/eesti-kaitub-rahvusliku-rikkuse-polevkiviga-nagu-laps-kes-esmalt-soob-tordilt-ara-kaunistused>

## **Eesti laste kõne II. Vokaalide akustiline analüüs**

Meister, Einar; Meister, Lya Keel ja Kirjandus 2019 / lk. 282–295 : ill [https://dea.digar.ee/article/AKkeeljakirjandus/2019/04/0/8\\_Journal\\_metrics\\_at\\_Scopus\\_Article\\_at\\_Scopus](https://dea.digar.ee/article/AKkeeljakirjandus/2019/04/0/8_Journal_metrics_at_Scopus_Article_at_Scopus)

## **Eesti Looduskaitse Selts valis loodusesõbra ja -vaenlase**

Postimees 2019 / Lk. 5 : ill [https://www.ester.ee/record=b1072778\\*est](https://www.ester.ee/record=b1072778*est)

## **Eesti Masinatööstuse auraha pälvis Jüri Riives**

Director. Inseneeria 2019 / lk. 96 [http://www.ester.ee/record=b2336521\\*est](http://www.ester.ee/record=b2336521*est)

## **Eesti Masinatööstuse Liidu tunnustused**

Ploompuu, Triin Elektriala 2019 / lk. 30 : fot [http://www.ester.ee/record=b1240496\\*est](http://www.ester.ee/record=b1240496*est)

## **Eesti Mereakadeemia 2018. a. lõpetajad. 2018. a. väljastatud diplomiga kapteni ja vanemmehaanikud**

Eesti laevanduse aastaraamat 2019 Mereavarused 2019 / lk. 163-170 [https://www.ester.ee/record=b1208210\\*est](https://www.ester.ee/record=b1208210*est)

## **Eesti Mereakadeemia bakalaureuseõppekavad 2019/20 / TalTech**

2019

## **Eesti Mereakadeemia tähistas sajandat aastapäeva : [fotod]**

Mente et Manu 2019 / lk. 48-49 [https://www.ttu.ee/public/m/mente-et-manu/MM\\_05\\_2019/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_05_2019/mobile/index.html)  
[https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

## **Eesti mereharidusasutused ajateljel**

Roosipuu, Tauri Eesti laevanduse aastaraamat 2019 Mereavarused 2019 / lk. 15-18 : fot [https://www.ester.ee/record=b1208210\\*est](https://www.ester.ee/record=b1208210*est)

## **Eesti mõisad : reisijuht : 674 mõisat üle Eesti**

2019 [https://www.ester.ee/record=b5238489\\*est](https://www.ester.ee/record=b5238489*est)

## **Eesti mäendus III : diplomeeritud mäainseneri õpik**

Reinsalu, Enno 2019 [https://www.ester.ee/record=b5223794\\*est](https://www.ester.ee/record=b5223794*est) <https://digi.lib.ttu.ee/i/?4611>

## **Eesti Nokia leitud : poole energiatarbimisest saaks maailmas kokku hoida**

Berendson, Risto; Kurnitski, Jarek Õhtuleht 2019 / lk. 4-5 : portr <https://www.oh tuleht.ee/982581/eesti-nokia-leitud-poole-energiatarbimisest-saaks-maailmas-kokku-hoida> [https://www.ester.ee/record=b1408161\\*est](https://www.ester.ee/record=b1408161*est)

## **Eesti Panga lugu : Eesti pank 100**

Zirnask, Villu 2019 [https://www.ester.ee/record=b5203866\\*est](https://www.ester.ee/record=b5203866*est)

## **Eesti parlament 1917-1940 : poliitiline ajalugu**

Valge, Jaak 2019 [https://www.ester.ee/record=b5161029\\*est](https://www.ester.ee/record=b5161029*est)

## **Eesti polaaruurigute komisjon**

Vaikmäe, Rein Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2018 2019 / lk. 19-20

## **Eesti Puitmajaliit valis aasta tegija**

Director. Inseneeria 2019 / lk. 96 [http://www.ester.ee/record=b2336521\\*est](http://www.ester.ee/record=b2336521*est) <https://director.ee/2019/05/02/luhiuudised/?v=a57b8491d1d8>

## **Eesti Puitmajaliit valis Aasta Tegija ja Puitmaja Sõbra**

Ehitaja 2019 / lk. 10 : fot [http://www.ester.ee/record=b1072123\\*est](http://www.ester.ee/record=b1072123*est)

## **Eesti põlevkivitööstuse aastaraamat 2018**

2019 [https://www.ester.ee/record=b4746322\\*est](https://www.ester.ee/record=b4746322*est) [https://www.ttu.ee/public/p/polevkivi-kompetentsikeskus/aastaraamat/Polevkivi\\_aastaraamat\\_2019\\_EST\\_veeb.pdf](https://www.ttu.ee/public/p/polevkivi-kompetentsikeskus/aastaraamat/Polevkivi_aastaraamat_2019_EST_veeb.pdf)

## **Eesti põlevkivitööstuse aastaraamat 2018 : rekordiline põlevkiviõli tootmise ja arenduse aasta**

Mente et Manu 2019 / lk. 9 : ill [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est) [https://www.ttu.ee/public/m/mente-et-manu/MM\\_03\\_2019/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_03_2019/mobile/index.html)

## **Eesti pühakodade kivimüüride niiskuskahjustused ja sooldumine**

Kurik, Lembit; Sinivee, Veljo Pühakodade säilitamine ja areng 2014–2018 2019 / lk. 35-41 : ill

[https://www.ester.ee/record=b5195834\\*est](https://www.ester.ee/record=b5195834*est)

## **Eesti Raamatukoguhoidjate Ühingu aastaraamat 2018**

2019 [https://www.ester.ee/record=b1209172\\*est](https://www.ester.ee/record=b1209172*est)

## **Eesti satelliit vaikib : õnnelik õnnetus aitab Hämarikul vältida Koidu saatust**

Voog, Viljar; **Gordon, Rauno** Õhtuleht 2019 / lk. 4-5 : fot <https://www.oh tuleht.ee/977299/eesti-satelliit-vaikib-onnelik-onnetus-aitab-hamarikul-valtida-koidu-saatust>

## **Eesti suveräänsusdeklaratsiooni 30. aastapäeva konverents Tallinnas 16. novembril 2018 : tervitused ja ettekanded = Международная конференция по случаю 30-й годовщины принятия декларации о суверинитете Эстонии, Таллинн, 16 ноября 2018 года : материалы конференции**

2019 [https://www.ester.ee/record=b5230658\\*est](https://www.ester.ee/record=b5230658*est)

## **Eesti tarbija suur vastuolu: magusat tahab, aga suhkrut kardab**

Mägi, Kristjan Ats; **Pitsi, Tagli** Eesti Päevaleht 2019 / lk. 18-19 <https://arileht.delfi.ee/artikkel/86422291/eesti-tarbija-suur-vastuolu-magusat-tahab-aga-suhkrut-kardab>

## **Eesti teadlased : inimene saab oma soolebaktereid otseselt mõjutada [Võrguväljaanne]**

**Adamberg, Kaarel; Adamberg, Signe** heureka.postimees.ee 2019 / fot [Eesti teadlased: inimene saab oma soolebaktereid otseselt mõjutada](https://arileht.delfi.ee/artikkel/86422291/eesti-tarbija-suur-vastuolu-magusat-tahab-aga-suhkrut-kardab) <https://doi.org/10.1080/16512235.2018.1549922>

## **Eesti teadlaste uus lähenemine teeb päikesepaneelid efektiivsemaks ja odavamaks**

**Konist, Alar** novaator.err.ee 2019 / fot [Eesti teadlaste uus lähenemine teeb päikesepaneelid efektiivsemaks ja odavamaks](https://arileht.delfi.ee/artikkel/86422291/eesti-tarbija-suur-vastuolu-magusat-tahab-aga-suhkrut-kardab)

## **Eesti teadus 2019 / Eesti Teadusagentuur**

2019 [https://www.ester.ee/record=b4637151\\*est](https://www.ester.ee/record=b4637151*est)

## **Eesti Teadusarvutuste Infrastruktuur**

Eesti teadustaristu teekaart 2019 2019 / lk. 42 : ill [https://www.ester.ee/record=b5236321\\*est](https://www.ester.ee/record=b5236321*est)

## **Eesti teaduse nähtamatud hiiglased**

**Raik, Jaan** Teadusmõte Eestis (X). Tehnikateadused. 3 : [artiklikogumik] 2019 / lk. 161-168 : ill., fot [https://www.ester.ee/record=b5208765\\*est](https://www.ester.ee/record=b5208765*est)

## **Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2018**

2019 [https://www.ester.ee/record=b1218094\\*est](https://www.ester.ee/record=b1218094*est)

## **Eesti Teaduste Akadeemia in words and images 2018**

**Soomere, Tarmo; Suurväli, Piret; Pilt, Ebe; Steinberg, Külliki; Jakobson, Siiri; Järv, Jaak; Varblane, Urmas** 2019 [https://www.ester.ee/record=b5178522\\*est](https://www.ester.ee/record=b5178522*est)

## **Eesti Teaduste Akadeemia president Tarmo Soomere: Lippmaa ei valetanud, vaid lähtus tänaseks vananenud infost**

**Soomere, Tarmo** Õhtuleht 2019 / fot <https://www.oh tuleht.ee/979652/eesti-teaduste-akadeemia-president-tarmo-soomere-lippmaa-ei-valetanud-vaid-lahtus-tanaseks-vananenud-infost>

## **Eesti Teaduste Akadeemia sõnas ja pildis 2018**

**Soomere, Tarmo** 2019 [https://www.ester.ee/record=b5054043\\*est](https://www.ester.ee/record=b5054043*est)

## **[Eesti Teaduste Akadeemia] üldkogu aastakoosolek 20. aprillil 2018 : avasõna**

**Soomere, Tarmo** Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2018 2019 / lk. 41-42

## **Eesti tippjuhid 2019**

2019 [https://www.ester.ee/record=b2339613\\*est](https://www.ester.ee/record=b2339613*est)

## **Eesti tulevik ja säästlik mineraalikasutus**

**Hitch, Michael William** Sirp 2019 / lk. 32-34 : fot [https://www.ester.ee/record=b1072938\\*est](https://www.ester.ee/record=b1072938*est) <https://sirp.ee/s1-artiklid/c21-teadus/eesti-tulevik-ja-saastlik-mineraalikasutus/>

## **Eesti tulevik ja säästlik mineraalikasutus**

**Hitch, Michael William** Mente et Manu 2019 / lk. 4-9 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est) [https://www.ttu.ee/public/m/mente-et-manu/MM\\_04\\_2019/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_04_2019/mobile/index.html) [https://artiklid.elnet.ee/record=b2878198\\*est](https://artiklid.elnet.ee/record=b2878198*est)

## **Eesti Vabariigi preemiad 2019 : teadus. F. J. Wiedemanni keeleauhind. Kultuur. Sport**

2019 [https://www.ester.ee/record=b1226072\\*est](https://www.ester.ee/record=b1226072*est)

## Eesti varustamisest elektriga

**Raukas, Anto; Valdma, Mati** Elektriala 2019 / lk. 14-15 : fot [http://www.ester.ee/record=b1240496\\*est](http://www.ester.ee/record=b1240496*est)  
[https://artiklid.elnet.ee/record=b2870463\\*est](https://artiklid.elnet.ee/record=b2870463*est)

## Eesti ööd muutuvad üha valgemaks ja sinisemaks [Võrguväljaanne]

Oldermäe, Jaan-Juhan novaator.err.ee 2019 / fot [Eesti ööd muutuvad üha valgemaks ja sinisemaks](#)

## Eestil puudub ratsionaalne teadusplaan

**Piirimäe, Kristjan** Maaleht 2019 / lk. 16

## Eestis ja Lätis loodusesse jõudnud lämmastikuvood mõõdeti ära

Imeline Teadus 2019 / lk. 21 : fot [https://www.ester.ee/record=b2747925\\*est](https://www.ester.ee/record=b2747925*est)

## Eestis langes tähtis otsus: 5G ei tapa [Võrguväljaanne]

Pau, Aivar tehnika.postimees.ee 2019 / fot [Eestis langes tähtis otsus: 5G ei tapa](#)

## Eestlaste välja mõeldud uus tehnoloogia kiirendaks kortermajade kordategemist

Liiva, Siiri; **Kalamees, Targo** Eesti Päevaleht 2019 / lk. 17 <https://arileht.delfi.ee/artikkel/85632109/eestlaste-valja-moeldud-uus-tehnoloogia-kiirendaks-kortermajade-kordategemist>

## e-Estonia. e-Governance in Practice : the 3rd updated edition

Arm, Margus; **Nyman-Metcalf, Katrin Merike** 2019 [https://www.ester.ee/record=b5184817\\*est](https://www.ester.ee/record=b5184817*est)

## Efecto contagio en el uso del voto electrónico en Estonia : de las elecciones a otros niveles de la administración pública y la sociedad

**Krimmer, Robert Johannes; Duenas Cid, David** La digitalización de los partidos políticos y el uso del voto electrónico 2019 / p. 247-262 <https://dialnet.unirioja.es/servlet/libro?codigo=741087>

## Effect of carbon stabilizing elements on WC cemented carbides with chromium steel binder

**Tarraste, Marek; Kübarsepp, Jakob; Juhani, Kristjan; Mere, Arvo; Viljus, Mart** Materials science = Medžiagotyra 2019 / p. 202-206 : ill <https://doi.org/10.5755/j01.ms.25.2.19619> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Effect of double-slope modulation signals on conducted emissions and efficiency of strongly coupled magnetic resonance WPT systems

Stepins, Deniss; Zakis, Janis; Audze, Janis; **Husev, Oleksandr**; Shevchenko, Viktor; Pakhaliuk, Bohdan 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2019 / 4 p <https://doi.org/10.1109/RTUCON48111.2019.8982351>

## Effect of FeNiCrBSiC-MeB2 material composition on the oxidation behavior at high temperatures

Umanskyi, Oleksandr; Storozhenko, Maryna; Koshelev, M.; **Antonov, Maksim** Powder metallurgy and metal ceramics 2019 / p. 670-678 : ill <https://doi.org/10.1007/s1106-019-00030-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Effect of germanium incorporation on the properties of kesterite Cu<sub>2</sub>ZnSn(S,Se)<sub>4</sub> monograins

**Oueslati, Souhaib**; Grossberg, Maarja; **Kauk-Kuusik, Marit**; Mikli, Valdek; Ernits, Kaia; Meissner, Dieter; Krustok, Jüri Thin solid films 2019 / p. 315-320 : ill <https://doi.org/10.1016/j.tsf.2018.11.020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Effect of hemp fibre length on the properties of polypropylene composites

**Alao, Percy Festus; Kallakas, Heikko; Poltimäe, Triinu; Kers, Jaan** Agronomy research 2019 / p. 1517-1531 : ill <https://doi.org/10.15159/AR.19.146> [Journal metrics at Scopus](#) [Article at Scopus](#)

## Effect of hemp fibre length on the properties of polypropylene composites [Online resource]

Alao, Percy Festus; **Kallakas, Heikko; Kers, Jaan** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebruar, 2019, Tartu : teesid] 2019 / 1 p.: ill <http://fmdk.ut.ee/teesid-2019/>

## Effect of Magnetic Forces and Magnetostriction on the Stator Vibrations of a Bearingless Synchronous Reluctance Motor

Mukherjee, Victor; Rasilo, Paavo; Martin, Florian; **Belahcen, Anouar** IEEE transactions on magnetics 2019 / 4 p. : ill <https://doi.org/10.1109/TMAG.2019.2894739> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Effect of mechanical stress on magnetization and magnetostriction strain behavior of non-oriented Si-Fe steels at different directions and under pseudo-DC conditions

Lahyaoui, Otmane; Lanfranchi, Vincent; Buiron, Nicolas; Martin, Florian; Aydin, Ugur; **Belahcen, Anouar** International journal of applied electromagnetics and mechanics 2019 / p. 299-312 <https://doi.org/10.3233/JAE-180106>

## Effect of multi-axial stress on iron losses of electrical steel sheets

Aydin, Ugur; Rasilo, Paavo; Martin, Florian; **Belahcen, Anouar** Journal of magnetism and magnetic materials 2019 / p. 19-27 : ill <https://doi.org/10.1016/j.jmmm.2018.08.003>

**Effect of ozone on photocatalytic oxidation of acetone and toluene vapours in continuous multi-section reactor**

**Kask, Maarja; Bolobajev, Juri; Kritševskaja, Marina** 6th European Conference on Environmental Applications of Advanced Oxidation Processes, Portorož - Portorose, Slovenia, 26-30 June 2019 : book of abstracts 2019 / p. 657

**Effect of ozone on photocatalytic oxidation of acetone vapour [Online resource]**

**Kask, Maarja; Bolobajev, Juri; Kritševskaja, Marina** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p <http://fmtdk.ut.ee/teesid-2019/>

**Effect of the titanium isopropoxide : acetylacetone molar ratio on the photocatalytic activity of TiO<sub>2</sub> thin films**

**Spiridonova, Jekaterina; Katerski, Atanas; Danilson, Mati; Kritševskaja, Marina; Krunks, Malle; Oja Acik, Ilona** Molecules 2019 / art. 4326, 14 p. : ill <https://doi.org/10.3390/molecules24234326> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Effect of thermal spraying method on the microstructure and wear behaviour of FeNiCrBSiC-CrB<sub>2</sub> coating**

Umanskyi, O.; Storozhenko, M.; **Antonov, Maksim**; Terentyev, O.; Koval, O.; **Goljandin, Dmitri** Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia 2019 / p. 37-42 : ill [https://www.eester.ee/record=b5235278\\*est](https://www.eester.ee/record=b5235278*est) <https://www.scientific.net/KEM.799.37> <https://doi.org/10.4028/www.scientific.net/KEM.799.37> [Conference proceeding at Scopus](#) [Article at Scopus](#)

**Effect of TiB<sub>2</sub> particles on microstructure and crystallographic texture of Al-12Si fabricated by selective laser melting**

Xi, L.; Wang, P.; **Prashanth, Konda Gokuldoss**; Li, H. Journal of alloys and compounds 2019 / p. 551-556 : ill <https://doi.org/10.1016/j.jallcom.2019.01.327> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Effect of weld modelling on crashworthiness optimization**

**Kõrgesaar, Mihkel**; Romanoff, Jani; St-Pierre, L.; Varsta, Petri Trends in the analysis and design of marine structures : proceedings of the 7th International Conference on Marine Structures (MARSTRUCT 2019, Dubrovnik, Croatia, 6-8 May 2019) 2019 / p. 231-237 : ill <https://doi.org/10.1201/9780429298875>

**Effectiveness of Vertical Slot Fishways under experimental non-uniform flows**

Eckert, Mario; **Fuentes-Pérez, Juan Francisco**; Tuhtan, Jeffrey Andrew; **Kruusmaa, Maarja** Riverine landscapes as coupled socio-ecological systems : 6th biennial Symposium of the International Society for River Science : book of abstracts 2019 / p. 195 [https://www.bib.irb.hr/1025362/download/1025362.ISRS2019\\_book\\_of\\_abstracts.pdf](https://www.bib.irb.hr/1025362/download/1025362.ISRS2019_book_of_abstracts.pdf)

**Effects of alirocumab on cardiovascular events after coronary bypass surgery**

Goodman, Shaun G.; Aylward, Philip E.; Szarek, Michael; **Viigimaa, Margus** Journal of the American College of Cardiology 2019 / p. 1177-1186 : ill <https://doi.org/10.1016/j.jacc.2019.07.015>

**Effects of physical exercise on balance, range of motion (ROM) and angular velocity (AV) measurements**

**Kask, Triin; Kuusik, Alar**; Meerolla Kumar, S.; Maamägi, Heigo; Gross-Paju, Katrin Journal of the neurological sciences 2019 / p. 295-296 : ill <https://doi.org/10.1016/j.jns.2019.10.1380>

**Effects of selenisation temperature on photoluminescence and photoluminescence excitation spectra of ZnO/CdS/Cu<sub>2</sub>ZnSnSe<sub>4</sub>/Mo/glass**

Sulimov, Mikhail A.; Yakushev, M. V.; Marquez-Prieto, J.; **Krustok, Jüri** Thin solid films 2019 / p. 146-151 : ill <https://doi.org/10.1016/j.tsf.2019.01.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Effects of the inclusion of armchair graphene nanoribbons on the electrical conduction properties of NN-heterojunction 4H-6H/SiC diodes**

**Rashid, Muhammad Haroon; Koel, Ants; Rang, Toomas** Advanced Materials and Processing Technologies : 2nd International Conference on Sensors, Materials and Manufacturing (ICSMM 2018, November 19-21, 2018, Taiwan); International Conference on Materials Sciences and Nanomaterials (ICMSN 2018, July 11-13, 2018, United Kingdom) and the 2nd International Conference on Materials and Intelligent Manufacturing (ICMIM 2018, August 24-26, 2018, Japan) 2019 / p. 29-35 : ill <https://doi.org/10.4028/www.scientific.net/MSF.962.29> [Conference proceeding at Scopus](#) [Article at Scopus](#)

**Effects of the sampling bias on retrieved modes of wave climate variations from satellite altimetry : Baltic Sea case study**

**Najafzadeh, Fatemeh; Kudryavtseva, Nadezhda; Soomere, Tarmo** 2019 European Space Agency Living Planet Symposium 2019 / [1] p <https://ps19.esa.int>

**Efficiency map comparison of induction and synchronous reluctance motors**

**Rassõlkin, Anton; Heidari, Hamidreza; Kallaste, Ants; Vaimann, Toomas**; Acedo, Jaime Pando; Romero-Cadaval, Enrique 2019 26th International Workshop on Electric Drives : Improvement in Efficiency of Electric Drives (IWED) : Moscow Power Engineering Institute, Moscow, Russia, 30th of January – 2nd of February 2019 : proceedings 2019 / 4 p. : ill <https://doi.org/10.1109/IWED.2019.8664334>

### **Efficiency study of the single-phase solar qZS-based inverter**

Husev, Oleksandr; Stepenko, Serhii; Vinnikov, Dmitri; Roncero, Carlos; Santasheva, Elena; Romero-Cadaval, Enrique IECON 2019 - 45th Annual Conference of the IEEE Industrial Electronics Society : proceedings 2019 / p. 4399-4404  
<https://doi.org/10.1109/IECON.2019.8926655> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Efficient DNA condensation by a C3-symmetric codeine scaffold**

McStay, Natasha; Reilly, Anthony M.; Gathergood, Nicholas; Kellett, Andrew ChemPlusChem 2019 / p. 38-42 : ill  
<https://doi.org/10.1002/cplu.201800480> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Efficient fault injection based on dynamic HDL slicing technique**

Bagbaba, Ahmet Cagri; Jenihhin, Maksim; Raik, Jaan; Sauer, Christian 2019 IEEE 25th International Symposium on On-Line Testing and Robust System Design (IOLTS 2019) : 1-3 July 2019, Greece 2019 / p. 52-53 : ill  
<https://doi.org/10.1109/IOLTS.2019.8854419>

### **Efficient methodology for ISO26262 functional safety verification**

Augusto da Silva, Felipe; Bagbaba, Ahmet Cagri; Hamdioui, Said; Sauer, Christian 2019 IEEE 25th International Symposium on On-Line Testing and Robust System Design (IOLTS), 1-3 July 2019, Rhodes, Greece 2019 / p. 255-256  
<https://doi.org/10.1109/IOLTS.2019.8854449>

### **EGPA and the European administrative space: strategic Partnership with NISPAcee and the Trans-European dialogue (TED)**

Randma-Liiv, Tiina; Vintar, Mirko; Proeller, Isabella; Profiroiu, Marius Constantin Public Administration in Europe. The Contribution of EGPA 2019 / p. 71-81 [https://doi.org/10.1007/978-3-319-92856-2\\_9](https://doi.org/10.1007/978-3-319-92856-2_9)

### **Ehitame uut laeva**

Tuulik, Tarvi-Carlos Meremees. Veeteede Ameti teataja 2019 / lk. 9 : fot [https://www.ttu.ee/public/m/mereakadeemia/ajakiri-meremees/Meremees\\_2019\\_2-4\\_VA\\_Teataja\\_2019\\_2-4.pdf](https://www.ttu.ee/public/m/mereakadeemia/ajakiri-meremees/Meremees_2019_2-4_VA_Teataja_2019_2-4.pdf) <https://issuu.com/ajakirimeremees>

### **Ehitus on muutumas digitaalseks**

Hint, Siie; Kurnitski, Jarek Eesti Päevaleht 2019 / Oma Äri, lk. 6

### **Ehitusgeodeesiast Tallinna Tehnikaülikoolis**

Metsvahi, Tiit; Ellmann, Artu Geodeet 2019 / lk. 61-63 : fot [http://www.ester.ee/record=b1072198\\*est](http://www.ester.ee/record=b1072198*est)

### **Ehitushanke kulukontroll**

Nuuter, Tiina 2019 [https://www.ester.ee/record=b5282071\\*est](https://www.ester.ee/record=b5282071*est)

### **Ehitusinseneria : iga õppija eest tuleb võidelda**

Leet, Lauri; Vilk, Urve; Kurnitski, Jarek; Kiisa, Martti Äripäev 2019 / Ehitusuudised, lk. 6

### **Ehitusinseneria: iga õppija eest tuleb võidelda**

Leet, Lauri; Vilk, Urve; Kurnitski, Jarek Äripäev 2019 / Ehitusuudised, lk. 6

### **Ehitusteadlased appi rahvusraamatukogu rekonstrueerima**

Kurnitski, Jarek Äripäev 2019 / Ehitusuudised, lk. 8

### **Ei saa ilma tuumajaamata**

Raukas, Anto Eesti Päevaleht 2019 / lk. 7

### **18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings]**

2019 [https://www.ester.ee/record=b5183874\\*est](https://www.ester.ee/record=b5183874*est)

### **EKA hakkab välja töötama kohandatavaid tehasemaju**

Ehitaja 2019 / lk. 8 : fot [https://www.ester.ee/record=b1072123\\*est](https://www.ester.ee/record=b1072123*est)

### **Eksamite-eelne ärevus - kuidas tulla toime?**

Kamal, Aivar Studioosus 2019 / lk. 10-11 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

### **Ekspeditsioon Antarktika 200**

GO Reisiajakiri 2019 / lk. 10-17 : portr [https://www.ester.ee/record=b2083703\\*est](https://www.ester.ee/record=b2083703*est)

### **Ekspperiment : ideaalse komplimenti otsingul**

Simpson, Martin Studioosus 2019 / lk. 3637 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

## **Eksperiment : kust süüa saab?**

liste, Elisa Studioosus 2019 / lk. 31-33 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

## **Elastic wave propagation in periodical one-dimensional problems: Accurate finite element modelling**

Kolman, Kolman; Cho, Sang Soo; Park, K.C.; **Berezovski, Arkadi**; Gonzalez, Joze; Hora, Petra Proceedings of 8th GACM Colloquium on Computational Mechanics For Young Scientists From Academia and Industry August 28th-30th, 2019 University of Kassel, Germany 2019 / p. 23-25 <https://doi.org/10.19211/KUP9783737650939>

## **Electrical resistivity of additively manufactured silicon steel for electrical machine fabrication**

**Tiismus, Hans; Kallaste, Ants; Vaimann, Toomas; Rassõlkin, Anton**; Belahcen, Anouar 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärda, Estonia, June 12-15, 2019 : proceedings 2019 / 4 p. : ill <https://doi.org/10.1109/PQ.2019.8818252>

## **Electrocatalysts for oxygen reduction reaction based on electrospun polyacrylonitrile, styrene–acrylonitrile copolymer and carbon nanotube composite fibres**

Mooste, Marek; Kibena-Põldsepp, Elo; **Vassiljeva, Viktoria; Uibu, Mai; Krumme, Andres** Journal of materials science 2019 / p. 11618–11634 : ill <https://doi.org/10.1007/s10853-019-03725-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Electrochemical sensor based on molecularly imprinted polymers for label-free detection of neurotrophic factor protein [Online resource]**

**Kidakova, Anna; Sõritski, Vitali; Reut, Jekaterina; Öpik, Andres** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p <http://fntdk.ut.ee/teesid-2019/>

## **Electroconductive oxide ceramics with graphene-encapsulated fillers**

**Hussainova, Irina; Drozdova, Maria; Ivanov, Roman**; Kale, Sudhir S.; Jasiuk, Iwona Proceedings of the 42nd international conference on advanced ceramics and composites 2019 / p. 251–258 <https://doi.org/10.1002/9781119543343.ch25> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

## **Electrodeposited molybdenum oxide coatings for thin film chalcopyrite solar cells**

Ganchev, Maxim; Dimitrov, Dimiter; Stankova, Stanka; **Katerski, Atanas**; Gadjov, Iliya; **Volobujeva, Olga; Mere, Arvo; Bereznev, Sergei; Krunks, Malle** 10th Jubilee Conference of the Balkan Physical Union 2019 / art. 140002 <https://doi.org/10.1063/1.5091317> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

## **Electrolytic phenomena in sodium chloride solutions treated in gas-phase pulsed corona discharge reactor**

**Kuntus, Liina; Preis, Sergei**; Kornev, Iakov 6th European Conference on Environmental Applications of Advanced Oxidation Processes, Portorož - Portorose, Slovenia, 26-30 June 2019 : book of abstracts 2019 / p. 659

## **Electrospinning and characterization of continuous piezoelectric nanofibrous yarns**

**Viirsalu, Mihkel** NART 2019 : Nanofibers, Applications and Related Technologies : September 18-September 20, 2019, Liberec, Czech Republic : conference proceedings 2019 / p. 28

## **Electrospinning of nanofibrous composites with cellulose acetate, ionic liquids and graphene oxide =**

**Tselluosaatsetaadi, ioonsete vedelike ja grafeenoksiidi nanokiuliste komposiitide elektroketrus**

**Javed, Kashif** 2019 <https://digi.lib.ttu.ee/i/?12424>

## **Electrospun nanofibrous materials for energy storage and harvesting**

**Krasnou, Illia; Plamus, Tiia; Vassiljeva, Viktoria; Malmberg, Siret; Tarasova, Elvira; Krumme, Andres** Baltic Polymer Symposium 2019 : Vilnius, Lithuania, 18-20 September 2019 : programme and proceedings 2019 / p. 27 : ill [Molecularly imprinted polymers](#)

## **Elekter tõrjub veepuhastusest kloori välja**

Horisont 2019 / lk. 5 : fot [https://www.ester.ee/record=b1072243\\*est](https://www.ester.ee/record=b1072243*est)

## **Elektrilise bioimpedantsi mõõtmistest ravimuda mõju hindamiseks inimese nahale**

**Metshein, Margus** Tervisedenduse ja Rehabilitatsiooni Kompetentsikeskuse ravimuda valdkonna toimetised. 2 2019 / lk. 82-96 : ill [https://terekk.ee/wp-content/uploads/Toimetised-II-parand\\_t%C3%A4isresolutsiooniline.pdf](https://terekk.ee/wp-content/uploads/Toimetised-II-parand_t%C3%A4isresolutsiooniline.pdf)

## **Elektrimõõteseadmed vahelduvvoolule. Osa 1, Üldnõuded, katsetused ja katsetingimused. Klassidesse A, B ja C kuuluvad arvestid [Võrguteavik] = Electricity metering equipment (a.c.). Part 1, General requirements, tests and test conditions. Metering equipment (class indexes A, B and C)**

2019 [https://www.ester.ee/record=b5201299\\*est](https://www.ester.ee/record=b5201299*est)

## **Elektrimõõteseadmed vahelduvvoolule. Osa 1, Üldnõuded, katsetused ja katsetingimused. Klassidesse A, B ja C kuuluvad arvestid [Võrguteavik] = Electricity metering equipment (a.c.). Part 1, General requirements, tests and test conditions. Metering equipment (class indexes A, B and C)**

2019 [https://www.ester.ee/record=b5201316\\*est](https://www.ester.ee/record=b5201316*est)

**Elektrimõõteseadmed vahelduvvoolule. Osa 2, Erinõuded. Elektromehaanilised aktiivenergia arvestid (klass A ja B) [Võrguteavik] = Electricity metering equipment (a.c.). Part 2, Particular requirements. Electromechanical meters for active energy (class indexes A and B)**

2019 [https://www.ester.ee/record=b5201740\\*est](https://www.ester.ee/record=b5201740*est)

**Elektrimõõteseadmed vahelduvvoolule. Osa 2, Erinõuded. Elektromehaanilised aktiivenergia arvestid (klass A ja B) [Võrguteavik] = Electricity metering equipment (a.c.). Part 2, Particular requirements. Electromechanical meters for active energy (class indexes A and B)**

2019 [https://www.ester.ee/record=b5201747\\*est](https://www.ester.ee/record=b5201747*est)

**Elektrimõõteseadmed vahelduvvoolule. Osa 3, Erinõuded. Staatilised aktiivenergia arvestid (klass A, B ja C) [Võrguteavik] = Electricity metering equipment (a.c.). Part 3, Particular requirements. Static meters for active energy (class indexes A, B and C)**

2019 [https://www.ester.ee/record=b5201755\\*est](https://www.ester.ee/record=b5201755*est)

**Elektrimõõteseadmed vahelduvvoolule. Osa 3, Erinõuded. Staatilised aktiivenergia arvestid (klass A, B ja C) [Võrguteavik] = Electricity metering equipment (a.c.). Part 3, Particular requirements. Static meters for active energy (class indexes A, B and C)**

2019 [https://www.ester.ee/record=b5202118\\*est](https://www.ester.ee/record=b5202118*est)

**Elektrist, energiast ja füüsikast üldiselt**

**Kalda, Jaan** Elektriala 2019 / lk. 26-27 : ill [http://www.ester.ee/record=b1240496\\*est](http://www.ester.ee/record=b1240496*est)

**Elektromagnetiline ühilduvus. Osa 6-1, Erialased põhistandardid. Häiringutaluvus olme-, kaubandus- ja väiketööstuskeskkondades [Võrguteavik] = Electromagnetic compatibility (EMC). Part 6-1, Generic standards. Immunity standard for residential, commercial and light-industrial environments (IEC 61000-6-1:2016)**

2019 [https://www.ester.ee/record=b5205425\\*est](https://www.ester.ee/record=b5205425*est)

**Elektromagnetiline ühilduvus. Osa 6-2, Erialased põhistandardid. Häiringutaluvus tööstuskeskkondades [Võrguteavik] = Electromagnetic compatibility (EMC). Part 6-2, Generic standards. Immunity standard for industrial environments (IEC 61000-6-2:2016)**

2019 [https://www.ester.ee/record=b5205860\\*est](https://www.ester.ee/record=b5205860*est)

**Eleoni tuulikud võiksid levida kogu maailmas**

**Järvik, Jaan** Virumaa tuulepargid Põhjarannik 2019 / lk. 2

**Elimination und Rückgewinnung von Phosphor aus Abwasser mit Hilfe wiederverwendbarer Nanokomposit-Magnetpartike**

**Ivanova Drenkova-Tuhtan, Asya** Wasser 2019 : Jahrestagung der Wasserchemischen Gesellschaft, 27.-29. Mai 2019, Erfurt 2019 / S. 29–34 : ill <http://d-nb.info/1187972673>

**Elimination und Rückgewinnung von Phosphor aus Abwasser mithilfe wiederverwendbarer Nanokomposit-Magnetpartikel**

**Ivanova Drenkova-Tuhtan, Asya** Vom Wasser 2019 / S. 37–40 : ill <http://www.wasserchemische-gesellschaft.de/de/vom-wasser-das-journal/seiten/vom-wasser>  
[https://www.researchgate.net/publication/333641738\\_Elimination\\_und\\_Ruckgewinnung\\_von\\_Phosphor\\_aus\\_Abwasser\\_mithilfe\\_wiederverwendbarer\\_Nanokomposit-Magnetpartikel](https://www.researchgate.net/publication/333641738_Elimination_und_Ruckgewinnung_von_Phosphor_aus_Abwasser_mithilfe_wiederverwendbarer_Nanokomposit-Magnetpartikel)

**ELIXIR Eesti**

Eesti teadustaristu teekaart 2019 2019 / lk. 26 : ill [https://www.ester.ee/record=b5236321\\*est](https://www.ester.ee/record=b5236321*est)

**Emergence of solitonic structures in hierarchical Korteweg–de Vries Systems**

**Salupere, Andrus; Lints, Martin; Illison, Lauri** Applied wave mathematics II : selected topics in solids, fluids, and mathematical methods and complexity 2019 / p. 89-124 [https://doi.org/10.1007/978-3-030-29951-4\\_5](https://doi.org/10.1007/978-3-030-29951-4_5) [https://www.ester.ee/record=b5303400\\*est](https://www.ester.ee/record=b5303400*est)

**Emeriitprofessor kiidab Sõnajalgade tuulikuid : alguses olin mina ka skeptiline [Elektrooniline teavik]**

**Järvik, Jaan** ärileht.ee 2019 / [3] l. : ill <https://arileht.delfi.ee/news/uudised/emeriitprofessor-kiidab-sonajalgade-tuulikuid-alguses-olin-mina-ka-skeptiline?id=86180313>

**Emission measurements with gravimetric impactors and electrical devices : An aerosol instrument comparison**

**Salo, Laura; Mylläri, Fanni; Maasikmets, Marek; Niemelä, Ville; Konist, Alar; Kupri, Hanna-Lii** Aerosol science and technology 2019 / p. 526-539 : ill <https://doi.org/10.1080/02786826.2019.1578858> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Emissions from livestock and manure management

**Gavrilova, Olga** 2019 Refinement to the 2006 IPCC guidelines for national greenhouse gas inventories ; vol. 4 2019 / 209 p. : ill  
[https://www.ipcc-nggip.iges.or.jp/public/2019rf/pdf/4\\_Volume4/19R\\_V4\\_Ch10\\_Livestock.pdf](https://www.ipcc-nggip.iges.or.jp/public/2019rf/pdf/4_Volume4/19R_V4_Ch10_Livestock.pdf)

### Emissions of DEHP from free PVC flooring

Castagnoli, Emmanuelle; Backlund, Peter; Talvitie, Oskari; **Kurnitski, Jarek** Indoor air 2019 / p. 903-912 : ill  
<https://doi.org/10.1111/ina.12591> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### En garde! Unguarded iteration for reversible computation in the delay monad

Kaarsgaard, Robin; **Veltri, Niccolo** Mathematics of Program Construction : 13th International Conference, MPC 2019, Porto, Portugal, October 7–9, 2019 : proceedings 2019 / p. 366-384 [https://doi.org/10.1007/978-3-030-33636-3\\_13](https://doi.org/10.1007/978-3-030-33636-3_13)

### Enabling social information exchange via dynamically robust annotations

**Pattanaik, Vishwajeet; Suran, Shweta; Draheim, Dirk** iiWAS2019 : Proceedings of the 21st International Conference on Information Integration and Web-based Applications & Services : December 2–4, 2019, Munich, Germany 2019 / p. 176–184 : ill  
<https://doi.org/10.1145/3366030.3366060> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### Enam kui 20 aastat Tallinna Tehnikaülikooli Saare maakonnas

Pank, Maret Saaremaa Teataja : Saaremaa vallavalitsuse infoleht 2019 / lk. 5 : fot  
<https://www.saaremaaavald.ee/documents/17113760/17950486/20.06.19.pdf/936db61f-776e-4b5e-91c0-878c6c2a4c77>

### Enantioselective N-alkylation of indole derivatives [Online resource]

**Trubitsin, Dmitri; Kanger, Tõnis** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p <http://fntdk.ut.ee/teesid-2019/>

### Encapsulated whiskers as electroconductive fillers for ceramics

**Hussainova, Irina; Ivanov, Roman**; Kale, Sudhir S.; Jasiuk, Iwona Short fibre reinforced cementitious composites and ceramics 2019 / p. 131-[139] [https://doi.org/10.1007/978-3-030-00868-0\\_9](https://doi.org/10.1007/978-3-030-00868-0_9)

### An endogenous suppressor of RNA silencing in Arabidopsis thaliana

**Gerassimenko, Jelena; Nigul, Lenne; Truve, Erkki; Sarmiento Guerin, Maria Cecilia** What future for RNAi-based products : RNAi modified plants or spray products : 3rd iPLANTA Conference : book of abstracts : posters 2019 / p. 15 [iPlanta...](#)

### Energiaarvestus toob selguse

**Kurnitski, Jarek** Äripäev 2019 / Sisustaja, lk. 30

### Energiaatõhusus - paradigma muutus ehituses

**Kurnitski, Jarek** Horisont 2019 / lk. 20-26 : fot [http://www.ester.ee/record=b1072243\\*est](http://www.ester.ee/record=b1072243*est)

### Energiaatõhususe valdkonna talentide tunnustamine

EhitusEST 2019 / lk. 40 : fot [https://www.ester.ee/record=b4442657\\*est](https://www.ester.ee/record=b4442657*est) [https://issuu.com/meediapilt/docs/ehitusest\\_oktoober\\_2019](https://issuu.com/meediapilt/docs/ehitusest_oktoober_2019)  
<https://ehitusest.ee/uudis/2019/10/16/energiaatõhususe-valdkonna-talentide-tunnustamine/>

### Energy efficiency evaluation of linear transmitters for 5G NR wireless waveforms

Biyabani, Sara R.; **Khan, Rida; Alam, Muhammad Mahtab**; Biyabani, A. Ahmed; McCune, Earl IEEE transactions on green communications and networking 2019 / p. 446 - 454 : ill <https://doi.org/10.1109/TGCN.2019.2902179> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Energy efficiency profiles for unmanned ground vehicles

**Väljaots, Eero; Sell, Raivo** Proceedings of the Estonian Academy of Sciences 2019 / p. 55–65 : ill  
<https://doi.org/10.3176/proc.2019.1.04> [http://www.kirj.ee/public/proceedings\\_pdf/2019/issue\\_1/proc-2019-1-55-65.pdf](http://www.kirj.ee/public/proceedings_pdf/2019/issue_1/proc-2019-1-55-65.pdf) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Energy industry waste as a thermochemical energy storage resource

**Maaten, Birgit; Konist, Alar; Siirde, Andres** 5th Central and Eastern European Conference on Thermal Analysis and Calorimetry & 14th Mediterranean Conference on Calorimetry and Thermal Analysis , 27-30 August 2019, Roma, Italy: CEEC-TAC5 & Medicta2019 : book of abstracts 2019 / p. 81 <http://www.ceec-tac.org/download.php?f=../download/BoA%20CEEC-TAC5%20Medicta2019.pdf>

### Energy performance and indoor climate analysis in buildings

2019 <https://www.mdpi.com/books/pdfview/book/1828> <https://doi.org/10.3390/books978-3-03921-380-1>

### Energy performance of the Serbian and Estonian family house with a selective absorption facade

Lukic, N.; Nešovic, A.; Nikolic, N.; **Siirde, Andres; Volkova, Anna; Latõšov, Eduard** IOP conference series : materials science and engineering 2019 / art. 012047, 10 p. : ill <https://doi.org/10.1088/1757-899X/659/1/012047> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Energy performance, indoor air quality and comfort in new nearly zero energy day-care centres in northern climatic conditions**

**Kuusk, Kalle; Kaiser, Ahmed; Lolli, Nicola; Johansson, Jan; Kouvola, Tero Hasu; Gunnarshaug Lien, Anne; Arumägi, Endrik; Kalbe, Kristo; Hallik, Jaanus; Kurnitski, Jarek; Kalamees, Targo** Journal of sustainable architecture and civil engineering 2019 / p. 7-16 <https://doi.org/10.5755/j01.sace.24.1.23228>

### **Energy pile field simulation in large buildings: validation of surface boundary assumptions**

**Ferrantelli, Andrea; Fadejev, Jevgeni; Kurnitski, Jarek** Energies 2019 / art. 770, 20 p. : ill <https://doi.org/10.3390/en12050770>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Energy router based energy management system for nearly zero energy buildings**

**Najafzadeh, Mahdiyyeh; Roasto, Indrek; Jalakas, Tanel** 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019 : conference proceedings 2019 / 6 p. : ill <https://doi.org/10.1109/RTUCON48111.2019.8982366>

### **Energy yield assessment methodology for photovoltaic microinverters**

**Chub, Andrii; Kosenko, Roman; Korkh, Oleksandr; Vinnikov, Dmitri; Kouro, Samir** 2019 IEEE 15th Brazilian Power Electronics Conference and 5th IEEE Southern Power Electronics Conference (COBEP/SPEC 2019) Santos, Brazil, 1-4 December 2019 / p. 1178-1183 : ill <http://toc.proceedings.com/52923webtoc.pdf>

### **Energy-efficiency of cardiomyocyte stimulation with rectangular pulses**

**Laasmaa, Martin; Lu, Pengfei; Vetic, Mladen; Louch, William Edward; Bergsland, Jacob; Balasingham, Ilango; Vendelin, Marko** Scientific reports 2019 / art. 13307, p. 1-9 <https://doi.org/10.1038/s41598-019-49791-w> [Journal metrics at Scopus](#) [Article at Scopus](#)  
[Journal metrics at WOS](#) [Article at WOS](#)

### **Energy-efficient distributed leader selection algorithm for energy-constrained wireless sensor networks**

**Ulp, Sander; Le Moullec, Yannick; Alam, Muhammad Mahtab** IEEE Access 2019 / p. 4410-4421 : ill <https://doi.org/10.1109/ACCESS.2018.2888551> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Energy-efficient multi-fragment Markov model guided online model-based testing for MPSoC**

**Vain, Jüri; Tsiopoulos, Leonidas; Kharchenko, Vyacheslav; Apneet Kaur; Jenihhin, Maksim; Raik, Jaan; Nõmm, Sven** Green IT Engineering: Social, Business and Industrial Applications 2019 / p. 273-297 [https://doi.org/10.1007/978-3-030-00253-4\\_12](https://doi.org/10.1007/978-3-030-00253-4_12) [Article collection at Scopus](#) [Article at Scopus](#)

### **Engelbrecht, Jüri & Tammiksaar, Erki (2018), Eesti teaduse 100 aastat. Sajaga tippteaduse kursil [Estonian science in a 100 years : full ppeed ahead on the course of excellence in research], Tallinn : Eesti Meedia AS, 192pp, ISBN 978-9-949-60336-7 : [book review]**

Koovit, Kaija-Liisa Acta Baltica historiae et philosophiae scientiarum 2019 / p. 159-160 <https://doi.org/10.11590/abhps.2019.1.13>  
[https://www.ester.ee/record=b4774803\\*est](https://www.ester.ee/record=b4774803*est)

### **Enginaator - võistlus kui elamus**

Läll, Anne-Mary; Juchnewitsch, Anna-Grete; Randla, Gregor Studioosus 2019 / lk. 16-17 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

### **Enginaatoril võidutsesid tehnikaülikooli tiimid**

Mente et Manu 2019 / lk. 12 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est) [https://www.ttu.ee/public/m/mente-et-manu/MM\\_02\\_2019/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_02_2019/mobile/index.html)

### **Engineered microbial host selection for value-added bioproducts from lignocellulose**

Paula, Renato Graciano de; Antoniêto, Amanda Cristina Campos; **Gupta, Vijai Kumar** Biotechnology Advances 2019 / art. 107347, 18 p. : ill <https://doi.org/10.1016/j.biotechadv.2019.02.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Engineering of an effective automatic dynamic assertion mining platform**

**Ghasempouri, Tara; Malburg, Jan; Danese, Alessandro; Pravadelli, Graziano; Fey, Goerschwin; Raik, Jaan** VLSI-SoC 2019 : 27th IFIP/IEEE International Conference on Very Large Scale Integration : [proceedings] 2019 / p. 111-116 : ill <https://doi.org/10.1109/VLSI-SoC.2019.8920331>

### **Engineering pedagogy as the basis for effective teaching competencies of engineering faculty**

**Rüütman, Tiia** Higher Education in Russia = Высшее образование в России 2019 / p. 123-131 : ill <https://doi.org/10.31992/0869-3617-2019-28-12-123-131> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Engineering pedagogy science as the contemporary basis for effective teaching of science, technology and engineering**

**Rüütman, Tiia** Science and Technology Education: Current challenges and possible solutions : Proceedings of the 3rd International Baltic Symposium on Science and Technology Education (BalticSTE2019), Šiauliai, 17-20 June, 2019 2019 / p. 187-194  
[https://www.academia.edu/39654294/SCIENCE\\_AND\\_TECHNOLOGY\\_EDUCATION\\_CURRENT\\_CHALLENGES\\_AND\\_POSSIBLE\\_SOLUTIONS](https://www.academia.edu/39654294/SCIENCE_AND_TECHNOLOGY_EDUCATION_CURRENT_CHALLENGES_AND_POSSIBLE_SOLUTIONS)

### **Enhanced efficiency of nitrating-anammox sequencing batch reactor achieved at low decrease rates of oxidation-**

## reduction potential

Zekker, Ivar; Kivirüüt, Aimar; Rikmann, Ergo; Mandel, Anni; **Jaagura, Madis**; Tenno, Toomas; Artemchuk, Oleg; Rubin, Sergio Dc; Tenno, Taavo Environmental Engineering Science 2019 / p. 350-360 <https://doi.org/10.1089/ees.2018.0225> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Enhanced mobility of high-frequency discrete breathers in a monatomic chain with odd anharmonicity

Šelkan, Aleksander; **Klopov, Mihhail**; Hižnjakov, Vladimir Physics letters A 2019 / p. 1893-1896 : ill <https://doi.org/10.1016/j.physleta.2019.03.025> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Enhancement of anoxic phosphorus uptake of denitrifying phosphorus removal process by biomass adaption

Mandel, Anni; Zekker, Ivar; **Jaagura, Madis**; Tenno, Taavo International journal of environmental science and technology 2019 / p. 5965–5978 : ill <https://doi.org/10.1007/s13762-018-02194-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Enhancement of disease resistance, growth potential, and photosynthesis in tomato (*Solanum lycopersicum*) by inoculation with an endophytic actinobacterium, *Streptomyces thermocarboxydus* strain BPSAC147

Passari, Ajit Kumar; Upadhyaya, Kalidas; Singh, Garima; Abdel-Azeem, Ahmed M.; Thankappan, Sugitha; Uthandi, Sivakumar; Hashem, Abeer; **Abd-Allah, Elsayed Fathi**; **Malik, Jahangir Ahmed**; **As, Alqarawi** PLoS ONE 2019 / art. e0219014, 20 p. : ill <https://doi.org/10.1371/journal.pone.0219014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Enhancement of hydrogen storage in metals by using a new technique in Severe Plastic Deformations

**Omranpour Shahreza, Babak**; **Kommel, Lembit**; Sanchez, E. Garcia Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia 2019 / p. 173-178 : ill <https://doi.org/10.4028/www.scientific.net/KEM.799.173> <https://www.scientific.net/KEM.799.173> [https://www.ester.ee/record=b5235278\\*est](https://www.ester.ee/record=b5235278*est) [Conference proceeding at Scopus](#) [Article at Scopus](#)

## Enhancement of photoluminescence of GaAsBi quantum wells by parabolic design of AlGaAs barriers

Pukiene, Simona; Karaliunas, Mindaugas; Jasinskas, A.; **Udal, Andres** Nanotechnology 2019 / art. 455001, 11 p. : ill <https://doi.org/10.1088/1361-6528/ab36f3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Enhancing forensic-tool security with Rust : Development of a string extraction utility

**Getreu, Jens**; **Maennel, Olaf Manuel** Journal of Digital Forensics, Security and Law 2019 / art. 4, p. 46-58 : ill <https://doi.org/10.15394/jdfl.2019.1607>

## Enhancing public e-service delivery : recognizing and meeting user needs of youngsters in Estonia

Ruus, Marili; **Pappel, Ingrid**; **Tsap, Valentyna**; **Draheim, Dirk** Digital Transformation and Global Society : 4th International Conference, DTGS 2019, St. Petersburg, Russia, June 19–21, 2019 : Revised Selected Papers 2019 / p. 29-40 [https://doi.org/10.1007/978-3-030-37858-5\\_3](https://doi.org/10.1007/978-3-030-37858-5_3) [Conference proceedings at Scopus](#) [Article at Scopus](#)

## Enhancing the partner selection process in a Sustainable Partner Network

**Ševtšenko, Eduard**; **Mahmood, Kashif**; **Karaulova, Tatjana** IFAC-PapersOnLine 2019 / p. 2425-2430 : ill <https://doi.org/10.1016/j.ifacol.2019.11.570> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

## Enn Mellikov (1.04.1945-23.07.2018)

**Soomere, Tarmo** Eesti Teaduste Akadeemia in words and images 2018 2019 / p. 14-15 : portr [https://www.ester.ee/record=b5178522\\*est](https://www.ester.ee/record=b5178522*est)

## Enn Mellikov (1.04.1945-23.07.2018) : Tarmo Soomere järelehüüe Enn Mellikovi ärasaatmisel akadeemia saalis 2. augustil 2018

**Soomere, Tarmo** Eesti Teaduste Akadeemia sõnas ja pildis 2018 2019 / lk. 14-15 : portr

## Enn Tõugu

Siil, Virgo Teadlane miiniväljal : lähen ütlen tihastele, et teeme nüüd uuesti 2019 / lk. [72]-77 : portr [https://www.ester.ee/record=b5245221\\*est](https://www.ester.ee/record=b5245221*est)

## Entrepreneurial compliance opportunities for maritime fuel producers

**Olaniyi, Eunice Omolola**; **Bakkar, Yassine**; **Prause, Gunnar Klaus** Entrepreneurship and sustainability issues 2019 / p. 1550–1565 [https://doi.org/10.9770/jesi.2019.6.4\(1\)](https://doi.org/10.9770/jesi.2019.6.4(1)) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Environmental performance-driven urban design: parametric design method for the integration of daylight and urban comfort analysis in cold climates

**De Luca, Francesco** Computer-aided architectural design. "Hello, Culture" : 18th International Conference, CAAD Futures 2019, Daejeon, Republic of Korea, June 26–28, 2019 : selected papers 2019 / p. 15-31 [https://doi.org/10.1007/978-981-13-8410-3\\_2](https://doi.org/10.1007/978-981-13-8410-3_2) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

## Environmental radiofrequency radiation at the Järntorget Square in Stockholm Old Town, Sweden in May, 2018

**compared with results on brain and heart tumour risks in rats exposed to 1.8 GHz base station environmental emissions**  
Hardell, Lennart; Carlberg, Michael; Hedendahl, Lena; **Koppel, Tarmo**; Ahonen, Mikko World academy of sciences journal 2019 / p. 47-54 : ill <https://doi.org/10.3892/wasj.2018.5>

**Environmental variables driving species and genus level changes in annual plankton biomass**  
Forsblom, Louise; Engström-Öst, Jonna; Lehtinen, Sirpa; **Lips, Inga**; Linden, Andreas Journal of plankton research 2019 / p. 925–938 : ill <https://doi.org/10.1093/plankt/fbz063> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Epi Tohvri. Georges Frédéric Parrot : Tartu Keiserliku Ülikooli esimene rektor :[raamatututvustus]**  
Universitas Tartuensis : UT : Tartu Ülikooli ajakiri 2019 / lk. 11 [https://www.ester.ee/record=b2459950\\*est](https://www.ester.ee/record=b2459950*est)

**Epistemological explanation of lean construction**  
**Koskela, Lauri**; Ferrantelli, Andrea; Niiranen, Jarkko; **Pikas, Ergo**; Dave, Bhargav Journal of construction engineering and management 2019 / p. 04018131-1 -04018131-10 [https://doi.org/10.1061/\(ASCE\)CO.1943-7862.0001597](https://doi.org/10.1061/(ASCE)CO.1943-7862.0001597) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Equivalent strain and stress models for the effect of mechanical loading on the permeability of ferromagnetic materials**  
Rasilo, Paavo; Aydın, Ugur; Martin, Florian; **Belahcen, Anouar**; Kouhia, Reijo; Daniel, Laurent IEEE transactions on magnetics 2019 / art. 2002104, <https://doi.org/10.1109/TMAG.2018.2890407>

**Equivalent transformations of structurally synthesized BDDs and applications**  
**Jürimägi, Lembit; Ubar, Raimund-Johannes; Viies, Vladimir** 2019 8th Mediterranean Conference on Embedded Computing (MECO) 2019 / 6 p. : ill <https://doi.org/10.1109/MECO.2019.8760283>

**Erasmusega Portugali? Jah!**  
Umrihhina, Anastassia Studioosus 2019 / lk. 30-33 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

**Eriala valikul motiveerib noori ennekõike tulevane palganumber [Võrguväljaanne]**  
Maripuu, Victoria novaator.err.ee 2019 / fot [Eriala valikul motiveerib noori ennekõike tulevane palganumber](#) Graafiline ülevaade: [Eesti ülikoolide kõige popimad erialad](#)

**Erik Teder - aasta tudeng 2018**  
**Teder, Erik** Mente et Manu 2019 / lk. 64-65 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est) [https://www.ttu.ee/public/m/mente-et-manu/MM\\_01\\_2019/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_01_2019/mobile/index.html)

**Erinevate α-naftoolide süntees ja dearomatiseerimine**  
**Larin, Anni; Paju, Anne; Lopp, Margus** XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 21 : ill

**Erkki Karo : me peame rääkima TalTech2035-st!**  
**Karo, Erkki** Mente et Manu 2019 / lk. 4-9 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est) <https://taltech.ee/avalehekulg/?category=128006#newsTabsMenu> [https://www.ttu.ee/public/m/mente-et-manu/MM\\_01\\_2019/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_01_2019/mobile/index.html)

**Erkki Karo: lihtsalt teaduse kasulikkusest rääkimisest enam ei piisa [Võrguväljaanne]**  
Oldermäe, Jaan-Juhan novaator.err.ee 2019 / fot [Erkki Karo: lihtsalt teaduse kasulikkusest rääkimisest enam ei piisa](#)

**Erkki Karo: teaduse ilus vale eitab selgete sihtide seadmise olulisust [Võrguväljaanne]**  
**Karo, Erkki** novaator.err.ee 2019 / fot [Erkki Karo: teaduse ilus vale eitab selgete sihtide seadmise olulisust](#)

**ERÜ aastapreemia 2018 : Tallinna Tehnikaülikooli Raamatukogu raamatukoguhoidja Maris Nool**  
**Koidla, Gerda** Eesti Raamatukoguhoidjate Ühingu aastaraamat 2018 2019 / lk. 55 [https://www.ester.ee/record=b1209172\\*est](https://www.ester.ee/record=b1209172*est)

**Esimesed Peep Sürje nimelised stipendiumid said omanikud**  
Mente et Manu 2019 / lk. 15 : fot [https://www.ttu.ee/public/m/mente-et-manu/MM\\_04\\_2019/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_04_2019/mobile/index.html) [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

**Establishing cyber sovereignty - Russia follows China's example [Online resource]**  
**Venables, Adrian Nicholas** Rahvusvaheline Kaitseuringute Keskus (RKK) = International Centre for Defence and Security (ICDS) 2019 ["ICDS Blog"](#)

**Estimating time constants for underfloor heating control**  
**Kull, Tuule Mall; Thalfeldt, Martin; Kurnitski, Jarek** Journal of physics : conference series 2019 / art. 012121, 6 p. : ill <https://doi.org/10.1088/1742-6596/1343/1/012121> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Estimation of power system inertia from ambient wide area measurements**  
**Tuttelberg, Kaur; Kilter, Jako**; Wilson, Douglas; Uhlen, Kjetil 2019 IEEE Power & Energy Society General Meeting (PESGM) 2019 / 1 p <https://doi.org/10.1109/PESGM40551.2019.8973822>

## **Estonia : [national reports]**

**Pärn-Lee, Evelin** Legislation covering business-to-business unfair trading practices in the food supply chain in Central and Eastern European countries 2019 / p. 125-146 [https://www.cars.wz.uw.edu.pl/tresc/ksiazki/42/CARS\\_27\\_Legislation\\_Covering.pdf](https://www.cars.wz.uw.edu.pl/tresc/ksiazki/42/CARS_27_Legislation_Covering.pdf)

## **Estonia and the European Union**

**Kerikmäe, Tanel; Mölder, Holger; Chochia, Archil** The Oxford Encyclopedia of European Union Politics 2019 / 18 p  
<http://doi.org/10.1093/acrefore/9780190228637.013.1105>

## **"Estonia" komisjon oma tööst**

**Vitismann, Madli** Meremees. Veeteede Ameti teataja 2019 / lk. 30, 34 [https://www.ttu.ee/public/m/mereakadeemia/ajakiri-meremees/Meremees\\_2019\\_2-4\\_VA\\_Teataja\\_2019\\_2-4.pdf](https://www.ttu.ee/public/m/mereakadeemia/ajakiri-meremees/Meremees_2019_2-4_VA_Teataja_2019_2-4.pdf) <https://issuu.com/ajakirimeremees>

## **Estonian Center of Analytical Chemistry**

Estonian research infrastructure roadmap 2019 2019 / p. 15 : phot [https://www.ester.ee/record=b5251946\\*est](https://www.ester.ee/record=b5251946*est)

## **The Estonian data embassy and the applicability of the Vienna convention: an exploratory analysis**

Robinson, Nick; **Kask, Laura; Krimmer, Robert Johannes** Proceedings of the 12th International Conference on Theory and Practice of Electronic Governance (ICEGOV'19), Melbourne, Australia, April 3-5, 2019 2019 / p. 391-396  
<https://doi.org/10.1145/3326365.3326417> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Estonian Discussions on Economic Policy = Estnische Gespräche über Wirtschaftspolitik = Eesti majanduspoliitilised väitlused : Eesti Vabariik – 15 aastat EL-s ja NATO-s. 35 aastat esimesest, nn laevakonverentsist ja ajakirjast „Eesti majanduspoliitilised väitlused“ : prof. dr. Matti Raudjärvele pühendatud eriväljaanne**

2019 [https://www.ester.ee/record=b5225001\\*est](https://www.ester.ee/record=b5225001*est)

## **Estonian Environmental Observatory**

Estonian research infrastructure roadmap 2019 2019 / p. 10 : phot [https://www.ester.ee/record=b5251946\\*est](https://www.ester.ee/record=b5251946*est)

## **Estonian Journal of Earth Sciences**

2019 <http://www.kirj.ee/10396/> [https://www.ester.ee/record=b2246661\\*est](https://www.ester.ee/record=b2246661*est)

## **Estonian node of European Life-sciences Infrastructure for Biological Information**

Estonian research infrastructure roadmap 2019 2019 / p. 26 : ill [https://www.ester.ee/record=b5251946\\*est](https://www.ester.ee/record=b5251946*est)

## **Estonian Scientific Computing Infrastructure**

Estonian research infrastructure roadmap 2019 2019 / p. 42 : ill [https://www.ester.ee/record=b5251946\\*est](https://www.ester.ee/record=b5251946*est)

## **Estonians in Antarctic research**

**Kaup, Enn** Expedition Antarctica 200 : the official publication of the Estonian expedition : ajakirja Go Reisiajakiri eriväljaanne 2019 / p. 28-33 : ill., phot [https://www.ester.ee/record=b5249229\\*est](https://www.ester.ee/record=b5249229*est)

## **Ethical aspects of digitalisation**

**Chochia, Archil** Second EaP eDemocracy conference "Digitalisation and Transformation: Effects on Democracy" 2019  
[https://edemocracy.eventcreate.com/?fbclid=IwAR2Hknt\\_33140aWcq6jXz0qLLfVJbqtkCZbrAdvRLH6foOV0CNlpx8Sar7s](https://edemocracy.eventcreate.com/?fbclid=IwAR2Hknt_33140aWcq6jXz0qLLfVJbqtkCZbrAdvRLH6foOV0CNlpx8Sar7s)

## **Ettevõtja : see, et TTÜs on popim eriala avalik haldus, on katastroof [Võrguväljaanne]**

Ruuda, Lennart majandus24.postimees.ee 2019 / fot [Ettevõtja : see, et TTÜs on popim eriala avalik haldus, on katastroof](#)

## **Ettevõtja Taavi Kotka : räige valetamine on Jaak Aaviksoo ja akadeemilise eliidi jaoks okei [Võrguväljaanne]**

delfi.ee 2019 / fot [Ettevõtja Taavi Kotka: räige valetamine on Jaak Aaviksoo ja akadeemilise eliidi jaoks okei](#)

## **Ettevõtluse ja teaduse koostööst inseneri pilgu läbi**

**Rosin, Argo** Äripäev 2019 / Tööstusuudised, lk. 16-17

## **The EU Horizon 2020 project GRACE : integrated oil spill response actions and environmental effects**

Jørgensen, Kristen S.; Kreutzer, Anne; Lehtonen, Kari K.; Kankaanpää, Harri; Truu, Jaak; **Kõuts, Tarmo; Lilover, Madis-Jaak** Environmental sciences Europe 2019 / art. 44, 10 p. : ill <https://doi.org/10.1186/s12302-019-0227-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Eu-financed peripheral large-scale infrastructure projects and the white elephant syndrome : the example of Rail Baltica**

Veebel, Viljar; **Markus, Raul**; Ploom, Ilmar Acta Oeconomica 2019 / p. 17 - 39 <https://doi.org/10.1556/032.2019.69.1.2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Eurokoodeks 2 [Võrguteavik] : betoonkonstruktsioonide projekteerimine. Osa 1-2, Üldreeglid. Tulepüsivus = Eurocode 2**

**: design of concrete structures. Part 1-2, General rules. Structural fire design**

2019 [https://www.ester.ee/record=b5272946\\*est](https://www.ester.ee/record=b5272946*est)

**Eurokoodeks 2 [Võrguteavik] : betoonkonstruktsioonide projekteerimine. Osa 1-2, Üldreeglid. Tulepüsisvus = Eurocode 2**

**: design of concrete structures. Part 1-2, General rules. Structural fire design**

2019 [https://www.ester.ee/record=b5272947\\*est](https://www.ester.ee/record=b5272947*est)

**Euroopa kardioloogide seltsi "Digital Summit" 2019**

Rosenbaum, Oliver Eesti Arst 2019 / lk. 488-490 : fot [http://www.ester.ee/record=b1072028\\*est](http://www.ester.ee/record=b1072028*est) <https://eestiartst.ee/euroopa-kardioloogide-seltsi-digital-summit-2019/>

**Euroopa Komisjon nõuab aru kogu tehnikaülikoolilt [Võrguväljaanne]**

Laine, Martin Postimees 2019 / fot [Euroopa Komisjon nõuab aru kogu tehnikaülikoolilt](#)

**Euroopa Komisjon võttis ette kogu TTÜ**

Laine, Martin Postimees 2019 / Lk. 6 : portr [Euroopa Komisjon võttis ette kogu TTÜ](#)

**Euroopa maastikukonventsioonist**

**Sinijärv, Urve; Konsa, Silja; Levald, Andres; Valk-Siska, Veronika; Grišakov, Kristi; Tintera, Jiri; Kupper, Kristiina; Nutt, Nele** 2019 [https://www.ester.ee/record=b5224222\\*est](https://www.ester.ee/record=b5224222*est)

**Europe fails to see Moscow using economics as a weapon not only against the former Soviet states but against it as well, Tsybulenko says [Online resource]**

Goble, Paul A. Euromaidan Press 2019 <http://euromaidanpress.com/2019/09/17/europe-fails-to-see-moscow-using-economics-as-a-weapon-not-only-against-the-former-soviet-states-but-against-it-as-well-tsybulenko-says/>

**The Europeanization of financial regulation and supervision on the Baltic–Nordic axis: the perspective of national bureaucracies**

**Juuse, Egert; Raudla, Ringa; Cepilovs, Aleksandrs; Mikheeva, Olga** Journal of Baltic studies 2019 / p. 409-433

<https://doi.org/10.1080/01629778.2019.1678495> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**e-valitsemise professor Robert Krimmer on digitaalse valitsemise 100 mõjukaima liidi hulgas**

Mente et Manu 2019 / lk. 6 : portr [https://www.ttu.ee/public/m/mente-et-manu/MM\\_05\\_2019/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_05_2019/mobile/index.html)

[https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est) <https://apolitical.co/lists/digital-government-world100/>

**Evaluating cybersecurity-related competences through serious games**

**Mäses, Sten** 19th Koli Calling Conference on Computing Education Research Koli Calling 2019 : November 21-24, 2019, Koli,

Finland : proceedings 2019 / 2 p <https://doi.org/10.1145/3364510.3366163> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Evaluating RuleCore as event processing network model**

**Astrova, Irina;** Koschel, Arne; Kobert, Sebastian Proceedings of the 15th International Conference on Web Information Systems and Technologies, WEBIST 2019, Vienna, Austria, September 18-20, 2019. Vol. 1 2019 / p. 297–300 : ill

<https://doi.org/10.5220/0008192302970300>

**Evaluating the human performance factors of air traffic control in Thailand using Fuzzy Multi Criteria Decision Making method**

Pandey, Mukesh Mohan; **Shukla, Divya** Journal of air transport management 2019 / art. 101708, 9 p. : tab

<https://doi.org/10.1016/j.jairtraman.2019.101708> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Evaluating the RESTfulness of "APIs from the Rough"**

Koschel, Arne; **Astrova, Irina;** Blankschyn, Maximilian Proceedings of the 15th International Conference on Web Information Systems and Technologies, WEBIST 2019, Vienna, Austria, September 18-20, 2019. Vol. 1 2019 / p. 281-288

<https://doi.org/10.5220/0008166802810288>

**Evaluation and comparison of LEED, BREEAM, and the 19th issue of National Building Regulations of Iran (NBRI) in perspective of sustainability by (MCDM) TOPSIS method**

Mahdavinnejad, Mohammad Javad; Mehranrad, Mohammad; **Eslamirad, Nasim** Journal of the structural engineering and geotechnics

2019 [http://www.qjseg.ir/article\\_666046.html](http://www.qjseg.ir/article_666046.html)

**Evaluation of automated urine sediment analysis for routine use**

**Pikta, Marika;** Jerjomina, J.; Kleinson, I.; Titova, T.; Reitsnik, T. Clinica chimica acta 2019 / art. M066, p. s44

<https://doi.org/10.1016/j.cca.2019.03.101>

**Evaluation of Haar wavelet method in engineering applications**

**Kirs, Maarjus; Tungel, Ernst** International Conference on Numerical Analysis and Applied Mathematics (ICNAAM 2018) : Rhodes,

Greece, 13–18 September 2018 2019 / art. 330003 <https://doi.org/10.1063/1.5114341> [Conference proceeding at Scopus](#) [Article at](#)

**Evaluation of high performance aluminum for microwave filters**

Martin-Iglesias, P.; **Raadik, Taavi**; Teberio, F.; Percz, J.M.; Martin-Iglesias, S.; Pambaguian, L.; Arregui, I.; Laso, M.A.G. 2019 IEEE MTT-S International Microwave Symposium (IMS), Boston, Massachusetts, 2-7 June 2019 : proceedings 2019 / p. 1183-1186  
<https://doi.org/10.1109/MWSYM.2019.8700938> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Evaluation of impact of potential extreme rainfall events on mining in Peru**

Gonzalez, Francisco R.; Raval, Simit; Taplin, Ros; Timms, Wendy; **Hitch, Michael William** Natural Resources Research 2019 / p. 393-408 : ill <http://dx.doi.org/10.1007/s11053-018-9396-1>

**Evaluation of zero-strength layer depths for timber members of floor assemblies with heat resistant cavity insulations**

**Tiso, Mattia; Just, Alar**; Schmid, Joachim; **Mäger, Katrin Nele**; Klippel, Michael Fire safety journal 2019 / p. 137-148 : ill  
<https://doi.org/10.1016/j.firesaf.2019.01.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Evaluation of the nemo-nordic model by comparing the seaice concentration values in the Baltic Sea**

**Rjazin, Jevgeni**; Hordoir, Robinson; Pärn, Ove The Journal of Ocean Technology 2019 / p. 181 - 194  
[https://www.researchgate.net/publication/334431905\\_EVALUATION\\_OF\\_THE\\_NEMO-NORDIC\\_MODEL\\_BY\\_COMPARING\\_THE\\_SEA-ICE\\_CONCENTRATION\\_VALUES\\_IN\\_THE\\_BALTIC\\_SEA](https://www.researchgate.net/publication/334431905_EVALUATION_OF_THE_NEMO-NORDIC_MODEL_BY_COMPARING_THE_SEA-ICE_CONCENTRATION_VALUES_IN_THE_BALTIC_SEA) [Journal metrics at Scopus](#) [Article at Scopus](#)

**Event detection based on open information extraction and ontology**

Sahnoun, Sihem; Elloumi, Samir; **Ben Yahia, Sadok** Computational Collective Intelligence : 11th International Conference, ICCCI 2019, Hendaye, France, September 4-6, 2019 : proceedings, part I 2019 / p. 244-255 : ill [https://doi.org/10.1007/978-3-030-28377-3\\_20](https://doi.org/10.1007/978-3-030-28377-3_20)  
[Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

**Event-based control for differentially flat systems: application to autonomous underwater vehicle**

**Kaldmäe, Arvo; Kotta, Ülle; Meurer, Christian; Simha, Ashutosh** IFAC-PapersOnLine 2019 / p. 180-185  
<https://doi.org/10.1016/j.ifacol.2019.11.775> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Evidence based residential ventilation: sizing procedure and system solutions addressed by REHVA Residential Ventilation Task Force**

**Kurnitski, Jarek; Thalfeldt, Martin**; Weele, Harry van; Toksoy, Macit; Carlsson, Thomas; Vladykova Bednarova, Petra; Seppänen, Olli E3S Web of Conferences : CLIMA 2019 Congress, May 26-29, 2019 2019 / art. 01016, 7 p  
<https://doi.org/10.1051/e3sconf/201911101016> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**The evolution and heterogeneity of credit procyclicality in Central and Eastern Europe**

**Cuestas, Juan Carlos**; Lucotte, Yannick; **Reigl, Nicolas Andreas** 2019 <https://doi.org/10.23656/25045520/032019/0165>  
[https://www.ester.ee/record=b1860073\\*est](https://www.ester.ee/record=b1860073*est)

**Evolution of fluvial system during the Pleistocene warm stage (Marine Isotope Stage 7) - a case study from the Bladzikowo Formation, NPoland**

Sokolowski, Robert J.; Janowski, Lukasz; Hrynowiecka, Anna; **Molodkov, Anatoli** Quaternary international 2019 / p. 109-119 : ill  
<https://doi.org/10.1016/j.quaint.2017.09.042> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Evolution of microstructure and hardness in aluminum processed by high pressure torsion extrusion**

**Omranpour Shahreza, Babak**; Ivanisenko, Yulia; Kulagin, Roman; **Kommel, Lembit**; Sanchez, E. Garcia; Nugmanov, Dayan; Scherer, Torsten; Heczal, Anita; Gubicza, Jeno Materials Science and Engineering : A 2019 / art. 138074, 10 p. : ill  
<https://doi.org/10.1016/j.msea.2019.138074> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Evolutionary distribution of deoxynucleoside 5-monophosphate N-glycosidase, DNPH1**

**Reintamm, Tõnu; Aas-Valleriani, Nele; Kelve, Merike** Gene 2019 / p. 1-11 <https://doi.org/10.1016/j.gene.2018.10.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Evolutionary optimisation-based fractional order controller for web transport systems in process industries**

Haripriya, N.; Kavitha, P.; Srinivasan, Seshadri; **Belikov, Juri** International Journal of Advanced Intelligence Paradigms 2019 / p. 317-330 <http://doi.org/10.1504/IJAIP.2018.10006748>

**E-Voting - an overview of the development in the past 15 years and current discussions**

**Krimmer, Robert Johannes**; Volkamer, Melanie; **Duenas Cid, David** Fourth International Joint Conference on Electronic Voting : E-Vote-ID 2019 : 1-4 October 2019, Lochau/Bregenz, Austria : proceedings 2019 / p. 1-15 : ill <https://digi.lib.ttu.ee/i/?13563>

**E-voting – an overview of the development in the past 15 years and current discussions**

**Krimmer, Robert Johannes**; Volkamer, Melanie; **Duenas Cid, David** Electronic Voting : 4th International Joint Conference, E-Vote-ID 2019, Bregenz, Austria, October 1-4, 2019, Proceedings 2019 / p. 1-13 [https://doi.org/10.1007/978-3-030-30625-0\\_1](https://doi.org/10.1007/978-3-030-30625-0_1) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

### **An exact solution of truss vibration problems**

**Lahe, Andres; Braunbrück, Andres; Klauson, Aleksander** Proceedings of the Estonian Academy of Sciences 2019 / p. 244–263 : ill <https://doi.org/10.3176/proc.2019.3.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Examining and quantifying the role of transverse jets in coastal upwellings, from a Lagrangian transport perspective**

**Delpeche-Ellmann, Nicole Camille; Soomere, Tarmo; Ellmann, Artu** IUGG 2019 : abstract book 2019 / [1] p., abstract: IUGG19-2212 <http://iugg2019montreal.com/abstract-book.html>

### **Exercise Neptune : maritime cybersecurity training using the navigational simulators**

**Lovell, Kieren Nicolas** Proceedings of the 5th Interdisciplinary Cyber Research Conference 2019 : 29th of June 2019, Tallinn University of Technology 2019 / p. 34-37 [https://www.ester.ee/record=b5238490\\*est](https://www.ester.ee/record=b5238490*est)

### **Expedition Antarctica 200 : the official publication of the Estonian expedition : ajakirja Go Reisiajakiri eriväljaanne**

2019 [https://www.ester.ee/record=b5249229\\*est](https://www.ester.ee/record=b5249229*est)

### **Experimental comparison of two-level full-SiC and three-level Si-SiC quasi-Z-source inverters for PV applications**

**Stepenko, Serhii; Husev, Oleksandr; Vinnikov, Dmitri; Roncero-Clemente, Carlos; Pires Pimentel, Sergio; Santasheva, Elena** Energies 2019 / 2509 ; 17 p. : ill <https://doi.org/10.3390/en12132509> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Experimental efficiency and thermal parameters evaluation in Full-SiC Quasi-Z-Source inverter**

**Pimentel, Sergio Pires; Husev, Oleksandr; Vinnikov, Dmitri; Pires Pimentel, Sergio; Prystupa, Anatoliy** 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019 : conference proceedings 2019 / 6 p. : ill <https://doi.org/10.1109/RTUCON48111.2019.8982288>

### **Experimental evaluation and numerical modelling residual stresses in glass panel**

**Majak, Jüri; Anton, Johan; Öunapuu, Erko; Auriemma, Fabio; Pohlak, Meelis; Eerme, Martin; Klauson, Aleksander** 2018 International Conference on Materials Science and Manufacturing Engineering (MSME 2018) MATEC web of conferences 2019 / art. 02003, 7 p. : ill <https://doi.org/10.1051/mateconf/201925302003>

### **Experimental investigation of air distribution and ventilation efficiency in an ice rink arena**

**Toomla, Sander; Lestinen, Sami; Kilpeläinen, Simo; Leppä, Lauri; Kosonen, Risto; Kurnitski, Jarek** International journal of ventilation 2019 / p. 187-203 : ill <https://doi.org/10.1080/14733315.2018.1437881> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Experimental study of eddy viscosity for breaking waves on sloping bottom and comparisons with empirical and numerical predictions**

**Oldekop, Nelly; Liiv, Toomas; Laanearu, Janek** Proceedings of the Estonian Academy of Sciences 2019 / p. 299–312 : ill <https://doi.org/10.3176/proc.2019.3.07> [http://www.kirj.ee/public/proceedings\\_pdf/2019/issue\\_3/proc-2019-3-299-312.pdf](http://www.kirj.ee/public/proceedings_pdf/2019/issue_3/proc-2019-3-299-312.pdf) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Experimental study of radiator, underfloor, ceiling and air heater systems heat emission performance in TUT nZEB test facility**

**Võsa, Karl-Villem; Ferrantelli, Andrea; Kurnitski, Jarek** E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019 2019 / art. 04005, 7 p <https://doi.org/10.1051/e3sconf/201911104005> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Experimental testing of spray rails for the resistance reduction of planing crafts**

**Lakatoš, Mikloš; Sahk, Tarmo; Kaarma, R.; Tabri, Kristjan; Kõrgesaar, Mihkel; Andreasson, Henrik** Trends in the analysis and design of marine structures : proceedings of the 7th International Conference on Marine Structures (MARSTRUCT 2019, Dubrovnik, Croatia, 6-8 May 2019) 2019 / p. 334–343 : ill <https://www.scc.ee/ee/?mdocs-file=2121> <https://doi.org/10.1201/9780429298875>

### **Experimental verification of a two-stage bidirectional DC/DC converter with separated commutation and asymmetrical structure of current-source stage**

**Ivakhno, Volodymyr; Zamaruiev, Volodymyr; Styslo, Bogdan; Blinov, Andrei** 2019 IEEE 2nd Ukraine Conference on Electrical and Computer Engineering : UKRCON-2019 : conference proceedings 2019 / p. 369-374 : ill <https://doi.org/10.1109/UKRCON.2019.8879821>

### **Experimental verification of dispersive wave propagation on guitar strings**

**Kartofelev, Dmitri; Arro, Joann Gustav; Valimäki, Vesa** SMC 2019 : Proceedings of the 16th Sound & Music Computing Conference 2019 / p. 324–331 : ill <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084386995&partnerID=40&md5=b18526954c2e08531266a8f19f44811e> [http://smc2019.uma.es/docs/SMC2019\\_Proceedings.pdf](http://smc2019.uma.es/docs/SMC2019_Proceedings.pdf)

### **Expert knowledge elicitation for skill level categorization of attack paths**

**Mezešova, Terezia; Bahsi, Hayretudin** 2019 International Conference on Cyber Security and Protection of Digital Services (Cyber Security) 2019 / 8 p. : tab <https://doi.org/10.1109/CyberSecPODS.2019.8885192>

### **Explaining success of performance management systems : the role of chain of key factors**

Laitinen, Erkki K.; **Kadak, Tarmo** International journal of productivity and performance management 2019 / p. 362-388 : ill  
<https://doi.org/10.1108/IJPPM-01-2018-0005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Exploratory analysis of collective intelligence projects developed within the EU-Horizon 2020 framework**

**Suran, Shweta; Pattanaik, Vishwajeet; Ben Yahia, Sadok; Draheim, Dirk** Computational Collective Intelligence 11th International Conference, ICCCI 2019, Hendaye, France, September 4–6, 2019, Proceedings, Part II 2019 / p. 285-296 [https://doi.org/10.1007/978-3-030-28374-2\\_25](https://doi.org/10.1007/978-3-030-28374-2_25) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

### **Exploring and validating social identification and social exchange-based drivers of hospitality customer loyalty**

Rather, Raouf Ahmad; **Hollebeek, Linda Desiree** International journal of contemporary hospitality management 2019 / p. 1432-1451  
<https://doi.org/10.1108/IJCHM-10-2017-0627> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Exploring e-services development in local government authorities by means of electronic document management systems**

**Pappel, Ingrid; Tsap, Valentyna; Pappel, Ingmar; Draheim, Dirk** Electronic Governance and Open Society : Challenges in Eurasia 5th International Conference, EGOSE 2018, St. Petersburg, Russia, November 14–16, 2018 : Revised Selected Papers 2019 / p. 223-234 : ill [https://doi.org/10.1007/978-3-030-13283-5\\_17](https://doi.org/10.1007/978-3-030-13283-5_17) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **An Extended flatness-based controller for permanent magnet synchronous machines incorporating an event-based mechanism**

**Belikov, Juri; Kaldmäe, Arvo**; Levron, Yoash 2019 27th Mediterranean Conference on Control and Automation (MED) 2019 / p. 416-421 : ill <https://doi.org/10.1109/MED.2019.8798551>

### **Face centered cubic titanium in high pressure torsion processed carbon nanotubes reinforced titanium composites**

Li, F. X.; Chen, P.; Chen, Z.; **Prashanth, Konda Gokuldoss** Journal of alloys and compounds 2019 / p. 939-945 : ill  
<https://doi.org/10.1016/j.jallcom.2019.07.277> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Factors affecting e-ID public acceptance : a literature review**

**Tsap, Valentyna; Pappel, Ingrid; Draheim, Dirk** Electronic Government and the Information Systems Perspective : 8th International Conference, EGOVIS 2019 : Linz, Austria, August 26–29, 2019 : proceedings 2019 / p. 176-188 : tab [https://doi.org/10.1007/978-3-030-27523-5\\_13](https://doi.org/10.1007/978-3-030-27523-5_13) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

### **Factors affecting SVI in small scale WWTPs**

**Kõrgmaa, Vallo; Kriipsalu, Mait; Tenno, Taavo; Lember, Erki; Kuusik, Argo**; Lemmiksoo, Vallo; **Pachel, Karin; Iital, Arvo** Water science & technology Water science and technology 2019 / p. 1766–1776 <https://doi.org/10.2166/wst.2019.177> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Factors of socially engineering citizens in critical situations**

**Lorenz, Birgy; Kikkas, Kaido**; Osula, Kairi Advances in Human Factors in Cybersecurity : proceedings of the AHFE 2018 : International Conference on Human Factors in Cybersecurity, July 21-25, 2018, Loews Sapphire Falls Resort at Universal Studios, Orlando, Florida, USA 2019 / p. 229-240 [https://doi.org/10.1007/978-3-319-94782-2\\_23](https://doi.org/10.1007/978-3-319-94782-2_23) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Facts about Tallinn 2019 : Tallinn - Estonia's economic centre**

2019 [https://www.ester.ee/record=b1515370\\*est](https://www.ester.ee/record=b1515370*est)

### **Farmers' preferences for nutrient and climate-related agri-environmental schemes : a cross-country comparison**

Hasler, Berit; Czajkowski, Mikolaj; Elofsson, Katarina; **Nömmann, Tea** Ambio 2019 / p. 1290–1303 : ill <https://doi.org/10.1007/s13280-019-01242-6>

### **A fast current harmonic detection and mitigation strategy for shunt active filter**

Firouzjahi, Khalil Gorgani; **Ahmadihangar, Roya; Rosin, Argo; Häring, Tobias** 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärddla, Estonia, June 12-15, 2019 : proceedings 2019 / 5 p. : ill <https://doi.org/10.1109/PQ.2019.8818253>

### **Fast path-oriented strategy for power system restoration**

Liang, Bomiao; Xu, Yan; **Wen, Fushuan; Palu, Ivo**; Liu, Weijia; Shan, Huiyu 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärddla, Estonia, June 12-15, 2019 : proceedings 2019 / 8 p <https://doi.org/10.1109/PQ.2019.8818244>

### **Fault-aware performance assessment approach for embedded networks**

Malburg, Jan; **Janson, Karl; Raik, Jaan**; Dannemann, Frank 2019 22nd International Symposium on Design and Diagnostics of Electronic Circuits & Systems (DDECS), Cluj-Napoca, Romania : proceedings 2019 / 4 p. : ill  
<https://doi.org/10.1109/DDECS.2019.8724670>

#### **Fault-tolerant bidirectional series resonant DC-DC converter with minimum number of components**

**Vinnikov, Dmitri; Chub, Andrii; Korkh, Oleksandr;** Malinowski, Mariusz 2019 IEEE Energy Conversion Congress and Exposition, ECCE, 2019-09-29 - 2019-10-03, Baltimore, MD, USA 2019 / p. 1359–1363 <https://doi.org/10.1109/ECCE.2019.8912292>

#### **Fault-tolerant soft-switching current-fed DC-DC converter**

**Zinchenko, Denys; Kosenko, Roman; Blinov, Andrei; Vinnikov, Dmitri** 2019 IEEE 2nd Ukraine Conference on Electrical and Computer Engineering : UKRCON-2019 : conference proceedings 2019 / p. 437-440 : ill <https://doi.org/10.1109/UKRCON.2019.8879973>

#### **Feasibility study of energy supply in deep North Regions: the case study of Yakutia remote community (Russia)**

**Trashchenkov, Sergei; Astapov, Victor; Kull, Karl** 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärda, Estonia, June 12-15, 2019 : proceedings 2019 / 6 p. : ill <https://doi.org/10.1109/PQ.2019.8818238>

#### **Feasibility study of interleaving approach for buck-boost inverter with unfolding circuit**

**Fesenko, Artem; Matiushkin, Oleksandr; Husev, Oleksandr;** Khandakji, Kamal; Velihorskyi, Oleksandr 2019 IEEE 2nd Ukraine Conference on Electrical and Computer Engineering : UKRCON-2019 : conference proceedings 2019 / p. 415–419 : ill <https://doi.org/10.1109/UKRCON.2019.8879966>

#### **Feature engineering for short-term forecast of energy consumption**

**Spitšakova, Margarita; Belikov, Juri; Nõu, Kalvi; Petlenkov, Eduard** Proceedings of 2019 IEEE PES : Innovative Smart Grid Technologies Europe : (ISGT-Europe), Bucharest Romania, 29 September - 2 October, 2019 2019 / 5 p. : ill <https://doi.org/10.1109/ISGTEurope.2019.8905698>

#### **Fekete's lemma for componentwise subadditive functions of two or more real variables**

**Capobianco, Silvio** arXiv.org 2019 / 20 p. : ill <https://arxiv.org/abs/1904.10507>

#### **The FEM based modeling and corresponding test rig preparation for broken rotor bars analysis**

**Asad, Bilal; Eensalu, Lauri; Vaimann, Toomas; Kallaste, Ants; Rassõlkin, Anton; Belahcen, Anouar** 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019 : conference proceedings 2019 / 9 p. : ill <https://doi.org/10.1109/RTUCON48111.2019.8982350>

#### **Fenoolide dearomatiseerimine : elektrofiilne asendus versus elektrofiilne liitumine**

**Lopušanskaja, Eleana; Lopp, Margus** XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 23 : ill

#### **Fermentation of non-dairy milks by commercial starter cultures : microcalorimetric approach**

**Stulova, Irina; Orgusaar, Kaisa;** Part, Natalja; Viirard, Ene; **Vilu, Raivo** 5th Central and Eastern European Conference on Thermal Analysis and Calorimetry & 14th Mediterranean Conference on Calorimetry and Thermal Analysis , 27-30 August 2019, Roma, Italy: CEEC-TAC5 & Medicta2019 : book of abstracts 2019 / p. 220 <http://www.ceec-tac.org/download.php?f=../download/BoA%20CEEC-TAC5%20Medicta2019.pdf>

#### **Fibrous alumina-based Ni-MOx (M= Mg, Cr, Ce) catalysts for propane pre-reforming**

**Uskov, S. I.; Potemkin, D. I.; Kamboj, Nikhil Kumar;** Snytnikov, P.V.; **Hussainova, Irina** Materials letters 2019 / art. 126741, 4 p. : ill <https://doi.org/10.1016/j.matlet.2019.126741> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Field measurements of a MHM envelope with ETICS**

**Kukk, Villu; Kalamees, Targo; Kers, Jaan** Proceedings of the I Forum Wood Building Baltic, 2019 : [27.02-1.03.2019, Tallinn] 2019 / p. 48-49 : ill [https://www.ester.ee/record=b5197207\\*est](https://www.ester.ee/record=b5197207*est)

#### **50 Hz electric field effect on heart rate variability**

**Koppel, Tarmo; Vilcane, Inese** The Joint Annual Meeting of The Bioelectromagnetics Society and the European BioElectromagnetics Association : Technical Program and General Information 2019 / p. 91 [https://www.bioem2019.org/wp-content/uploads/2019/06/BioEM2019\\_FinalProgram\\_20190617\\_V6.pdf](https://www.bioem2019.org/wp-content/uploads/2019/06/BioEM2019_FinalProgram_20190617_V6.pdf)

#### **Financing of innovation : national development banks in newly industrialized countries of East Asia**

**Mikheeva, Olga** Journal of Post Keynesian Economics 2019 / p. 590 - 619 <https://doi.org/10.1080/01603477.2019.1640065> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Fintech pelgab nudiks reguleerimist**

**Laidroo, Laivi** Äripäev 2019 / lk. 13

#### **FinTech Report Estonia 2019 [Online resource]**

**Tirmaste, Kersti; Voolma, Liina; Laidroo, Laivi; Kukk, Mari-Liis; Avarmaa, Mari** 2019 [https://www.taltech.ee/public/m/majandusanaluusi-ja-rahanduse-instituut/FinTech\\_Report\\_Estonia\\_2019\\_final.pdf](https://www.taltech.ee/public/m/majandusanaluusi-ja-rahanduse-instituut/FinTech_Report_Estonia_2019_final.pdf) <https://doi.org/10.13140/RG.2.2.30062.77128>

#### **Fire and mechanical properties of hemp and clay boards for timber structures**

**Kallakas, Heikko; Liblik, Johanna; Alao, Percy Festus; Poltimäe, Triinu; Just, Alar; Kers, Jaan** IOP conference series : earth

and environmental science Central Europe towards Sustainable Building (CESB19) 2–4 July 2019, Prague, Czech Republic 2019 / art. 012019, 8 p. : ill <https://doi.org/10.1088/1755-1315/290/1/012019> [Conference proceedings at Scopus](#) [Article at Scopus](#)

#### **Fire design method of timber frame elements with bio-based insulation**

Werther, Norman; Hofmann, Veronika; Kammerer, Elisabeth; Rauch, Michael; Winter, Stefan; **Mäger, Katrin Nele** Proceedings of the I Forum Wood Building Baltic, 2019 : [27.02-1.03.2019, Tallinn] 2019 / p. 82-83 [https://www.ester.ee/record=b5197207\\*est](https://www.ester.ee/record=b5197207*est)

#### **Fire design of initially protected CLT**

**Mäger, Katrin Nele; Kraudok, Kairit; Liblik, Johanna; Just, Alar** Proceedings of the I Forum Wood Building Baltic, 2019 : [27.02-1.03.2019, Tallinn] 2019 / p. 76-77 : ill [https://www.ester.ee/record=b5197207\\*est](https://www.ester.ee/record=b5197207*est)

#### **Fire design of timber frame assemblies - a proposal for the next revision of EN 1995-1-2**

**Tiso, Mattia; Just, Alar** Proceedings of the I Forum Wood Building Baltic, 2019 : [27.02-1.03.2019, Tallinn] 2019 / p. 78-79 : ill [https://www.ester.ee/record=b5197207\\*est](https://www.ester.ee/record=b5197207*est)

#### **Fire protection provided by clay and lime plasters : [conference paper]**

**Liblik, Johanna; Küppers, Judith; Maaten, Birgit; Just, Alar** Proceedings of the I Forum Wood Building Baltic, 2019 : [27.02-1.03.2019, Tallinn] 2019 / p. 84-85 : ill [https://www.ester.ee/record=b5197207\\*est](https://www.ester.ee/record=b5197207*est)

#### **Fire tests on glued-laminated timber beams with specific local material properties**

Fahmi, Reto; Klippel, Michael; **Just, Alar**; Ollinoc, A.; Frangi, Andrea Fire safety journal 2019 / p. 161-169 : ill <https://doi.org/10.1016/j.firesaf.2017.11.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Firm capital structure in Europe : A comparative analysis of CEE firms vs. Western firms in the changing financial environment**

**Jõeveer, Karin** The Routledge companion to European business 2019 / p. 267–281 <https://www.taylorfrancis.com/books/e/9781315397306>

#### **First crystal structure of a bacterial endo-levanase**

Ernits, Karin; **Eek, Priit; Lukk, Tiit**; Visnapuu, Triinu; Alamäe, Tiina FEBS3+ conference of Latvian, Lithuanian and Estonian Biochemical Societies : abstract book : Riga, Latvia, 17-19 June 2019 2019 / p. 22

#### **First crystal structure of an endo-levanase - the BT1760 from a human gut commensal Bacteroides thetaiotaomicron**

Ernits, Karin; **Eek, Priit; Lukk, Tiit** Scientific reports 2019 / art. 8443, 13 p. : ill <https://doi.org/10.1038/s41598-019-44785-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **First principle calculations of structural, electronic, optical and thermoelectric properties of tin (II) oxide**

Solola, G. T.; **Klopov, Mihail**; Akinami, J. O.; Afolabi, T. A. Materials research express 2019 / art. 125915, 8 p. : ill <https://doi.org/10.1088/2053-1591/ab6384> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **First principles simulations of phenol and methanol detector based on pristine graphene nanosheet and armchair graphene nanoribbons**

**Rashid, Muhammad Haroon; Koel, Ants; Rang, Toomas** Sensors 2019 / art. 2731, 14 p. : ill <https://doi.org/10.3390/s19122731> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **First report of wheat dwarf virus in winter wheat in Estonia**

**Sõmera, Merike; Truve, Erkki; Sooväli, Pille** Plant disease 2019 / p. 1797 <https://doi.org/10.1094/PDIS-11-18-2059-PDN> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **1st Report on Legal Framework and Analysis Related to Autonomous Intelligent Technologies**

**Kerikmäe, Tanel; Nyman-Metcalf, Katrin Merike; Hoffmann, Thomas; Minn, Mari; Liiv, Innar; Taveter, Kuldar; Shumilo, Olga; Solarte Vasquez, Maria Claudia; Antonov, Alexander** 2019 <https://www.researchgate.net/publication/331996458>

#### **First results from a benchmarking of quality control frameworks**

Kedar, A.; **Sein, Sander** Life cycle analysis and assessment in civil engineering: towards an integrated vision : proceedings of the Sixth International Symposium on Life-Cycle Civil Engineering (IALCCE 2018), 28-31 October 2018, Ghent, Belgium 2019 / p. 1799–1804 : ill <https://www.taylorfrancis.com/books/9781351857574> <https://doi.org/10.1201/9781315228914>

#### **First year PhD studies : modifying price based set point calculation algorithms for use in off-grid mode**

**Häring, Tobias** 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings] 2019 / p. 181-182 : ill [https://www.ester.ee/record=b5183874\\*est](https://www.ester.ee/record=b5183874*est)

#### **Fish under pressure : Examining behavioural responses of Iberian barbel under simulated hydropeaking with instream structures**

Costa, Maria Joao; **Fuentes-Pérez, Juan Francisco**; Boavida, Isabel; **Tuhtan, Jeffrey Andrew**; Pinheiro, Antonio N. PLoS ONE

### **Five-Stage, Power Efficient, Dual Rail, 100MHz, 10dB Programmable Gain Amplifier with Down-Stepping Functions in 28nm CMOS**

Kampus, Vahur; Teschner, Robert; Gaier, Ulrich; Linder, Thomas; Nössing, Gerhard; Trojer, Martin IEEE International Symposium on Circuits and Systems (ISCAS), Sapporo, Japan, 26-29 May 2019 : proceedings 2019 / p. 1-5  
<https://doi.org/10.1109/ISCAS.2019.8702077>

### **Flexible identification procedure for thermodynamic constitutive models for magnetostrictive materials**

Rasilo, Paavo; Singh, Deepak; Jeronen, Juha; Aydin, Ugur; Martin, Florian; Belahcen, Anouar; Daniel, Laurent; Kouhia, Reijo Proceedings of the Royal Society. A, Mathematical, physical & engineering sciences 2019 / 21 p <https://doi.org/10.1098/rspa.2018.0280>

### **Flood prevention through condition monitoring of pumping stations**

Gevorkov, Levon; Rassõlkin, Anton; Kallaste, Ants; Vaimann, Toomas 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019 : conference proceedings 2019 / 5 p. : ill <https://doi.org/10.1109/RTUCON48111.2019.8982305>

### **Florida Poly pairs with Estonian university on driverless car research**

George, Bradley wusf.drupal.publicbroadcasting.net 2019 / ill [https://wusf.drupal.publicbroadcasting.net/post/florida-poly-pairs-estonian-university-driverless-car-research?fbclid=IwAR2VZxVRDrqCi06uCYI0LIc2kmwDsnspSwoNU\\_UXocTfZjQBrkE2OyE-Y](https://wusf.drupal.publicbroadcasting.net/post/florida-poly-pairs-estonian-university-driverless-car-research?fbclid=IwAR2VZxVRDrqCi06uCYI0LIc2kmwDsnspSwoNU_UXocTfZjQBrkE2OyE-Y)

### **Florida Poly partners to research and test self-driving vehicles**

www.cfdc.org 2019 <https://www.cfdc.org/florida-poly-partners-to-research-test-self-driving-vehicles/>

### **Florida Polytechnic University launches partnership with Estonian university to research autonomous vehicles**

Irwin Taylor, Janelle floridapolitics.com 2019 / photo <https://floridapolitics.com/archives/293263-florida-polytechnic-university-launches-partnership-with-estonian-university-to-research-autonomous-vehicles>

### **Flow sensing with pressure sensor-based artificial lateral lines : from the laboratory to the field = Veevoolu tajumine rõhusensoritel baseeruvate küljejooneanduritega : laborist välikatseteni**

Fuentes-Pérez, Juan Francisco 2019 <https://digi.lib.ttu.ee/i/?12014>

### **Foliar resistance to the late blight pathogen Phytophthora infestans (Mont.) de Bary in a backcross of potato (Solanum tuberosum L.) cultivar Ando**

Runno-Paurson, Eve; Tähtjärv, Terje; Tönismann, Karmen; Peuša, Hilma; Jakobson, Irena; Järve, Kadri Acta agriculturae Scandinavica. Section B, Soil and plant science 2019 / p. 631-640 : ill <https://doi.org/10.1080/09064710.2019.1629621> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **FOMCON toolbox for modeling, design and implementation of fractional-order control systems**

Tepljakov, Aleksei; Petlenkov, Eduard; Belikov, Juri Handbook of fractional calculus with applications 2019 / p. 211-236  
<https://doi.org/10.1515/9783110571745>

### **Food waste : challenges and opportunities for enhancing the emerging bio-economy**

Morone, Piergiuseppe; Koutinas, Apostolis; Gathergood, Nicholas; Arshadi, Mehrdad; Matharu, Avtar Journal of cleaner production 2019 / p. 10-16 <https://doi.org/10.1016/j.jclepro.2019.02.258> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Fookuses : Eneli Liisma**

Teder, Erik; Liisma, Eneli Studioosus 2019 / lk. 6-9 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

### **Fookuses : Raoul Kurvitz[s]**

Teder, Erik; Kurvitz[s], Raoul Studioosus 2019 / lk. 6-9 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

### **Forecasting short term wind energy generation using machine learning**

Shabbir, Noman; Ahmadiyahangar, Roya; Kütt, Lauri; Iqbal, Muhammad Naveed; Rosin, Argo 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019 : conference proceedings 2019 / 4 p <https://doi.org/10.1109/RTUCON48111.2019.8982365>

### **Forensics analysis of an on-line game over Steam Platform**

Tabuyo-Benito, Raquel; Bahsi, Hayretidin; Peris-Lopez, Pedro Digital Forensics and Cyber Crime : 10th International EAI Conference, ICDF2C 2018, New Orleans, LA, USA, September 10-12, 2018, Proceedings 2019 / p. 106-127  
[https://doi.org/10.1007/978-3-030-05487-8\\_6](https://doi.org/10.1007/978-3-030-05487-8_6) Conference proceeding at Scopus Article at Scopus

### **Foreword**

Müürsepp, Peeter Acta Baltica historiae et philosophiae scientiarum 2019 / 2 p [https://www.ester.ee/record=b2941458\\*est](https://www.ester.ee/record=b2941458*est)  
<https://doi.org/10.11590/abhs.2019.3.00>

## Foreword

**Müürsepp, Peeter** Acta Baltica historiae et philosophiae scientiarum 2019 / 1 p [https://www.ester.ee/record=b2941458\\*est](https://www.ester.ee/record=b2941458*est)  
[https://www.bahps.org/00\\_Foreword-2019-1-00.pdf](https://www.bahps.org/00_Foreword-2019-1-00.pdf)

## Foreword

**Soomere, Tarmo** Estonian Academy of Sciences year book : facts and figures = Annales Academiae Scientiarum Estonicae 2019 / p. 5-6 [https://www.ester.ee/record=b1218154\\*est](https://www.ester.ee/record=b1218154*est)

## Foreword

**Otto, Tauno** Proceedings of the Estonian Academy of Sciences 2019 / p. 347  
[http://www.kirj.ee/public/proceedings\\_pdf/2019/issue\\_4/proc-2019-4-347.pdf](http://www.kirj.ee/public/proceedings_pdf/2019/issue_4/proc-2019-4-347.pdf)

## Foreword

**Soesoo, Alvar** Yearbook 2018 / Geological Survey of Estonia 2019 / p. 3 : portr [https://www.egt.ee/sites/default/files/content-editors/aastaraamat/egt\\_aastaraamat\\_eng\\_web.pdf](https://www.egt.ee/sites/default/files/content-editors/aastaraamat/egt_aastaraamat_eng_web.pdf) [https://www.ester.ee/record=b5231713\\*est](https://www.ester.ee/record=b5231713*est)

## Formal methods based security for cloud-based manufacturing cyber physical system

Muniasamy, Kandasamy; Srinivasan, Seshadhri; **Vain, Jüri**; Sethumadhavan, M. IFAC-PapersOnLine 2019 / p. 1198-1203  
<https://doi.org/10.1016/j.ifacol.2019.11.361> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

## Formal verification of maritime autonomous systems using UPPAAL STRatego

Shokri-Manninen, Fatima; **Vain, Jüri**; Walden, Marina 31st Nordic Workshop on Programming Theory, NWPT 2019, Tallinn, Estonia, 13-15 November 2019 : abstracts 2019 / p. 58-61 : ill <https://doi.org/10.23658/taltech.nwpt/2019>

## Formal-verification of smart-contract languages : a survey

**Dwivedi, Vimal Kumar**; **Deval, Vipin**; **Dixit, Abhishek**; **Norta, Alexander** Advances in Computing and Data Sciences : Third International Conference, ICACDS 2019 : Ghaziabad, India, April 12–13, 2019 : revised selected papers, part II 2019 / p. 738-747  
[https://doi.org/10.1007/978-981-13-9942-8\\_68](https://doi.org/10.1007/978-981-13-9942-8_68) [Conference proceedings at Scopus](#) [Article at Scopus](#)

## Formation and trapping of the thermodynamically unfavoured inverted-hemicucurbit[6]Juri

**Prigorchenko, Elena**; **Kaabel, Sandra**; **Narva, Triin**; **Baškir, Anastassia**; **Fomitšenko, Maria**; Adamson, Jasper; **Järving, Ivar**; Rissanen, Kari; **Tamm, Toomas**; **Aav, Riina** Chemical communications 2019 / p. 9307–9310 : ill <https://doi.org/10.1039/C9CC04990H>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Fosforiidi väärandamisvõimaluste uuringud

**Tamm, Kadriann** Aastaraamat 2018 / Eesti Geoloogiateenistus 2019 / lk. 30–32 : ill [https://www.ester.ee/record=b5258416\\*est](https://www.ester.ee/record=b5258416*est)  
[https://www.ester.ee/record=b5231712\\*est](https://www.ester.ee/record=b5231712*est)

## Fotograafia

**Liibek, Tõnis** Tallinna ajalugu. III, 1710-1917 2019 / lk. 316-317 : fot [https://www.ester.ee/record=b5286111\\*est](https://www.ester.ee/record=b5286111*est)

## Fotograafia ja baltisakslaste ümberasumine = Fotografie und die Umsiedlung der Deutschbalten

**Liibek, Tõnis** Viimane peatükk : Baltisakslaste lahkumine Eestist 1939-1941 = Das Letzte Kapitel : Die Umsiedlung der Deutschbalten 1939-1941 2019 / lk. 44-47 : fot

## Fotolugu : Tallinna tehnikaülikooli raamatukogu läbi 100 tegevusaasta [Võrguväljaanne]

kultuur.err.ee 2019 / fot [Fotolugu: Tallinna tehnikaülikooli raamatukogu läbi 100 tegevusaasta](https://www.ester.ee/record=b5231712*est)

## 14th IFAC Symposium on Analysis, Design, and Evaluation of Human Machine Systems HMS 2019, Tallinn, Estonia, 16–91 September 2019 : proceedings

2019 <https://www.sciencedirect.com/journal/ifac-papersonline/vol/52/issue/19>

## Fourth International Joint Conference on Electronic Voting : E-Vote-ID 2019 : 1-4 October 2019, Lochau/Bregenz, Austria : proceedings [Online resource]

2019 <https://digi.lib.ttu.ee/i/?13563>

## Fractional order model identification of receptor-ligand complexes formation by equivalent electrical circuit modeling

Ates, Abdullah; Alagoz, Baris Baykant; **Tepljakov, Aleksei**; **Petlenkov, Eduard** 2019 International Artificial Intelligence and Data Processing Symposium (IDAP) 2019 / 5 p. : ill <https://doi.org/10.1109/IDAP.2019.8875913>

## Fractional-order modeling and control of ionic polymer-metal composite actuator

**Tepljakov, Aleksei**; Vunder, Veiko; **Petlenkov, Eduard**; Nakshatharan, S Sunjai; Punning, Andres; **Kaparin, Vadim**; **Belikov, Juri**; Aabloo, Alvo Smart materials and structures 2019 / 12 p. : ill <https://doi.org/10.1088/1361-665X/ab2c75> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Framework for industrial control systems digital forensics in the energy sector**

**Roberts, Andrew** Proceedings of the 5th Interdisciplinary Cyber Research Conference 2019 : 29th of June 2019, Tallinn University of Technology 2019 / p. 24-26 [https://www.ester.ee/record=b5238490\\*est](https://www.ester.ee/record=b5238490*est)

### **Framework for peer-to-peer data sharing over Web browsers**

**Pattanaik, Vishwajeet**; Sharvadze, Ioane; **Draheim, Dirk** Future Data and Security Engineering : 6th International Conference, FDSE 2019 Nha Trang City, Vietnam, November 27–29, 2019 : proceedings 2019 / p. 207-225 : ill [https://doi.org/10.1007/978-3-030-35653-8\\_14](https://doi.org/10.1007/978-3-030-35653-8_14) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

### **A Framework for the adoption of blockchain technology in healthcare information management systems : a case study of Nigeria**

Azogu, Irene; **Norta, Alexander**; **Pappel, Ingrid**; Longo, Justin; **Draheim, Dirk** Proceedings of the 12th International Conference on Theory and Practice of Electronic Governance (ICEGOV'19), Melbourne, Australia, April 3-5, 2019 2019 / p. 310–316 : ill <https://doi.org/10.1145/3326365.3326405> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Freak waves in the sea coastal zone**

**Didenkulova, Irina** IUGG 2019 : abstract book 2019 / [1] p., abstract: IUGG19-2598 <http://iugg2019montreal.com/abstract-book.html>

### **Free pentosidine assessment based on fluorescence measurements in spent dialysate**

**Kalle, Sigrid**; **Tanner, Risto**; **Luman, Merike**; **Fridolin, Ivo** Blood Purification 2019 / p. 85–93 <https://doi.org/10.1159/000493522> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Friction welding of electron beam melted Ti-6Al-4V**

Qin, P.T.; Damodaram, R.; Maity, Tapabrata; Zhang, W.W.; Yang, C.; Wang, Zhi; **Prashanth, Konda Gokuldoss** Materials Science and Engineering : A 2019 / art. 138045, 6 p. : ill <https://doi.org/10.1016/j.msea.2019.138045> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **From academic abilities to occupation : What drives stock market participation?**

**Vaarmets, Tarvo**; **Liivamägi, Kristjan**; **Talpsepp, Tõnn** Emerging markets review 2019 / p. 83-100 : tab <https://doi.org/10.1016/j.ememar.2019.04.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **From basic foundations to future developments : introductory chapter**

**Min, Mart** Cardiac Pacing and Monitoring : New Methods, Modern Devices 2019 / p. 1-7 <http://dx.doi.org/10.5772/intechopen.85674>

### **From checklists to design process support systems: Initial framing**

**Pikas, Ergo**; Koskela, Lauri; Oehmen, Josef; Dave, Bhargav Proceedings of the 27th Annual Conference of the International Group for Lean Construction (IGLC), IGLC 2019, 1 July 2019 - 7 July, 2019, Dublin, Ireland 2019 / p. 83-96 <https://doi.org/10.24928/2019/0173>

### **From econophysics to networks : structure of the large-scale Estonian network of payments = Majandusfüüsikast võrgustikesse : Eesti maksevõrgustike struktuur**

**Rendón de la Torre, Stephanie** 2019 <https://digi.lib.ttu.ee/i/?11938>

### **From the dual character of chemistry to practical realism and back again : philosophy of science of Rein Vihaie**

**Müürsepp, Peeter**; Bekenova, Zhumagul; Nuryшева, Gulzhikhan; Usenov, Galymzhan Problemos : mokslo darbai = Problemos : research papers 2019 / p. 107-120 <https://doi.org/10.15388/Problemos.96.9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **From the experimentalist disposition to the absolute : Peirce's pragmatic naturalism**

Dea, Shannon; **Haydon, Nathan Joseph** Responses to naturalism : critical perspectives from idealism and pragmatism 2019 / p. 167-183 <https://doi.org/10.4324/9781315180854> <https://www.taylorfrancis.com/books/9781315180854/chapters/10.4324/9781315180854-8>

### **A fully decentralized distribution market mechanism using ADMM**

Yang, Jiajia; Dong, ZhaoYang; **Wen, Fushuan** 2019 IEEE Power & Energy Society General Meeting (PESGM) 2019 / 5 p. : ill <https://doi.org/10.1109/PESGM40551.2019.8973905>

### **Fundamentals, recent advances, and future challenges in bioimpedance devices for healthcare applications**

Naranjo-Hernandez, David; Reina-Tosina, Javier; **Min, Mart** Journal of sensors 2019 / art. 9210258, 42 p. : ill <https://doi.org/10.1155/2019/9210258> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Fused hybrid linkers for metal–organic frameworks-derived bifunctional oxygen electrocatalysts : [version 1.0] [Online resource]**

**Ping, Kefeng**; Braschinsky, Alan; **Alam, Mahboob**; **Bhadoria, Rohit**; **Mikli, Valdek**; **Mere, Arvo**; **Starkov, Pavel** ChemRxiv 2019 / 10 p., S16 p. : ill <https://doi.org/10.26434/chemrxiv.7687358>

### **Fused hybrid linkers for metal–organic frameworks-derived bifunctional oxygen electrocatalysts : [version 2.0] [Online resource]**

**Ping, Kefeng**; Braschinsky, Alan; **Alam, Mahboob**; **Bhadoria, Rohit**; **Mikli, Valdek**; **Mere, Arvo**; **Starkov, Pavel** ChemRxiv 2019 / 10 p., S17 p. : ill <https://doi.org/10.26434/chemrxiv.7687358.v2>

**Fuzzy control of energy recovery in electric vehicles with hybrid energy storage**

**Vodovozov, Valery**; **Aksjonov, Andrei**; Ricciardi, Vincenzo; **Raud, Zoja** 2019 International Conference on Clean Electrical Power (ICCEP) 2019 / p. 345-350 : ill <https://doi.org/10.1109/ICCEP.2019.8890103>

**Füüsika : töövihik 8. klassile. 1. osa**

Pärtel, Enn; **Loide, Rein-Karl** 2019 [https://www.ester.ee/record=b5243175\\*est](https://www.ester.ee/record=b5243175*est)

**Füüsikaolümpiaadi väga edukas aasta**

Košik, Oleg; **Kree, Mihkel** Horisont 2019 / lk. 58-59 : ill [https://www.ester.ee/record=b1072243\\*est](https://www.ester.ee/record=b1072243*est)

**Füüsikaõpe kolib osaliselt nutiseadmetesse**

Mente et Manu 2019 / lk. 9 [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est) [https://www.ttu.ee/public/m/mente-et-manu/MM\\_03\\_2019/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_03_2019/mobile/index.html)

**Galerii : Margus Leivo saadeti viimsele teekonnale Tehnikaülikooli aulas [Võrguväljaanne]**

Maripuu, Mihkel Postimees 2019 / lk. 5-7 [Galerii: Margus Leivo saadeti viimsele teekonnale Tehnikaülikooli aulas](#)

**gapFinisher : a reliable gap filling pipeline for SSPACE-LongRead scaffolder output**

Kammonen, Juhana I.; **Smolander, Olli-Pekka**; Paulin, Lars PLoS ONE 2019 / art. e0216885, 21 p. : ill <https://doi.org/10.1371/journal.pone.0216885> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Gas-chromatographic determination of sulfur compounds in the gasoline fractions of shale oil and oil obtained from used tires**

**Pihl, Olga**; **Niidu, Allan**; **Merkulova, Nadežda**; **Fomitšov, Mihhail**; **Siirde, Andres**; **Tšepelevitš, Maria** Oil shale 2019 / p. 188–196 : ill [http://www.kirj.ee/public/oilshale\\_pdf/2019/issue\\_2S/OS-2019-2S-188-196.pdf](http://www.kirj.ee/public/oilshale_pdf/2019/issue_2S/OS-2019-2S-188-196.pdf) <https://doi.org/10.3176/oil.2019.2S.09> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Gas-phase photocatalytic reactor for the study of TiO2 thin films activity [Online resource]**

**Spiridonova, Jekaterina**; **Kritševskaja, Marina** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p <http://fntdk.ut.ee/teesid-2019/>

**Generation of large pollution patches via collisions of sticky floating parcels driven by wind and surface currents**

**Giudici, Andrea**; **Kalda, Jaan**; **Soomere, Tarmo** Marine pollution bulletin 2019 / p. 573–585 : ill <https://doi.org/10.1016/j.marpolbul.2019.02.039> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Generational differences in spatial mobility : A study with mobile phone data**

**Masso, Anu**; Silm, Siiri; Ahas, Rein Population, space and place 2019 / e2210, 15 p. : ill <https://doi.org/10.1002/psp.2210> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Generative reverse-modelling approach to hygrothermal material characterization**

**Klõšeiko, Paul**; Freudenberg, Peggy 4th Central European Symposium on Building Physics (CESBP 2019) MATEC web of conferences 2019 / art. 02088, 6 p. : ill <https://doi.org/10.1051/mateconf/201928202088>

**Genetic algorithm vs finite differences in an optimization procedure including FEM with fixed mesh**

**Auriemma, Fabio** International Conference on Numerical Analysis and Applied Mathematics (ICNAAM 2018) : Rhodes, Greece, 13–18 September 2018 2019 / art. 2116, 330006, 4 p <https://doi.org/10.1063/1.5114344> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Genetic analysis of powdery mildew resistance in an introgression line of wheat = Jahukastekindla introgressiivse suvenisuliini geneetiline analüüs**

**Jakobson, Irena** 2019 <https://digi.lib.ttu.ee/i/?12020>

**Genetic relatedness of a new Japanese isolates of Alexandrium ostenfeldii bloom population with global isolates**

**Sildever, Sirje**; Jerney, Jacqueline; Kremp, Anke; Oikawa, Hiroshi; Sakamoto, Setsuko Harmful Algae 2019 / p. 64-74 : ill <https://doi.org/10.1016/j.hal.2019.02.005>

**Genome description of Phlebia radiata 79 with comparative genomics analysis on lignocellulose decomposition machinery of phlebioid fungi**

Mäkinen, Mari; Kuuskeri, Jaana; Laine, Pia; **Smolander, Olli-Pekka** BMC genomics 2019 / art. 430, 22 p. : ill <https://doi.org/10.1186/s12864-019-5817-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Geochemical processes controlling ionic composition of water in the catchments of lakes Saana and Saanalampi in the Kilpisjärvi area of North Scandinavia**

Raidla, Valle; **Kaup, Enn**; Hade, Sigrid; **Ivask, Jüri**; **Soesoo, Alvar** Geosciences 2019 / art. 174, 18 p. : ill  
<https://doi.org/10.3390/geosciences9040174> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Geodetic reconciliation of tide gauge network in Estonia**

Kollo, Karin; **Ellmann, Artu** Geophysica 2019 / p. 27–38 : ill [http://www.geophysica.fi/pdf/geophysica\\_2019\\_54\\_kollo.pdf](http://www.geophysica.fi/pdf/geophysica_2019_54_kollo.pdf) [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Geodetic validation of sea Level variability in offshore**

**Ellmann, Artu**; Kollo, Karin; **Varbla, Sander** IUGG 2019 : abstract book 2019 / [1] p., abstract: JG06 p-109  
<http://iugg2019montreal.com/abstract-book.html>

### **Geoidi modelleerimine kõrguste lähtenivoopinnana**

**Ellmann, Artu**; **Märdla, Silja**; Oja, Tõnis Teadusmõtte Eestis (X). Tehnikateadused. 3 : [artiklikogumik] 2019 / lk. 21-36 : ill  
[https://www.ester.ee/record=b5208765\\*est](https://www.ester.ee/record=b5208765*est)

### **Geoloogid leidsid seosed merepõhja metaanilekete ja jääaegade vahel**

Horisont 2019 / lk. 9 : ill [http://www.ester.ee/record=b1072243\\*est](http://www.ester.ee/record=b1072243*est)

### **Georges Frédéric Parrot : Tartu Keiserliku Ülikooli esimene rektor**

Tohvri, Epi 2019 [https://www.ester.ee/record=b5249288\\*est](https://www.ester.ee/record=b5249288*est)

### **GKC: A reasoning system for large knowledge bases**

**Tammet, Tanel** Automated Deduction – CADE 27 : 27th International Conference on Automated Deduction, Natal, Brazil, August 27–30, 2019 : proceedings 2019 / p. 538-549 [https://doi.org/10.1007/978-3-030-29436-6\\_32](https://doi.org/10.1007/978-3-030-29436-6_32) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

### **Glendonite occurrences in the Tremadocian of Baltica : first Early Palaeozoic evidence of massive ikaite precipitation at temperate latitudes**

Popov, Leonid E.; Alvaro, J. Javier; Holmer, Lars E.; **Bauert, Heikki**; **Hints, Olle**; **Männik, Peep** 13th International Symposium on the Ordovician System : Novosibirsk, Russia (July 19-22, 2019) : contributions 2019 / p. 161-162 <http://www.igcp653.org/wp-content/uploads/2019/07/ISOS13Proceedings.pdf>

### **Glendonite occurrences in the Tremadocian of Baltica: first Early Palaeozoic evidence of massive ikaite precipitation at temperate latitudes**

Popov, Leonid E.; Alvaro, J. Javier; **Bauert, Heikki**; Ghobadi Pour, Mansoureh; Dronov, Andrei V.; **Hints, Olle**; **Männik, Peep** Scientific reports 2019 / art. 7205 ; 10 p.: ill <https://doi.org/10.1038/s41598-019-43707-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Global construction industry is in the path of digitalisation**

**Sulakatko, Virgo** Rakennustekniikka 2019 / p. 38–39 : fot [https://issuu.com/rakennustekniikka/docs/rt\\_2019-4\\_verkkoon\\_linkit/38](https://issuu.com/rakennustekniikka/docs/rt_2019-4_verkkoon_linkit/38)

### **Global corporations and smaller actors in textile business : European perspective**

**Hilmola, Olli-Pekka Kristian**; **Tolli, Andres**; Panova, Yulia Economy of Regions Ekonomika Regiona 2019 / p. 216-230  
[https://elar.ufu.ru/bitstream/10995/91558/1/2019\\_15\\_1\\_017.pdf](https://elar.ufu.ru/bitstream/10995/91558/1/2019_15_1_017.pdf) <https://www.economyofregion.com/archive/2019/72/3150/> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Glucocorticoid receptor stimulation resulting from early life stress affects expression of DNA methyltransferases in rat prefrontal cortex**

Urb, Mari; Anier, Kaili; Matsalu, Terje; **Koppel, Indrek**; **Timmusk, Tõnis** Journal of molecular neuroscience 2019 / p. 99–110 : ill  
<https://doi.org/10.1007/s12031-019-01286-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Gly188Arg substitution eliminates substrate inhibition in arachidonate 11R-lipoxygenase**

**Põldemaa, Kaspar**; **Lipp, Maarja**; **Järving, Ivar**; **Samel, Nigulas**; **Eek, Priit** Biochemical and biophysical research communications 2019 / p. 81-85 : ill <https://doi.org/10.1016/j.bbrc.2019.08.132> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **GNSS-based water vapor for the global climate observing system**

Dick, G.; Jones, J.; Wang, K.; **Rannat, Kalev** IUGG 2019 : abstract book 2019 / [1] p., abstract: IUGG19-0463  
<http://iugg2019montreal.com/abstract-book.html>

### **Governance beyond the law : the immoral, the illegal, the criminal**

2019 <http://dx.doi.org/10.1007/978-3-030-05039-9>

### **A graphical deep inference system for intuitionistic logic**

**Pietarinen, Ahti-Veikko**; **Ma, Minghui** Logique et analyse 2019 / p. 73-114 <https://doi.org/10.2143/LEA.245.0.3285706> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Gravity anomaly field over Estonia

Oja, Tõnis; Ellmann, Artur; Märdla, Silja Estonian journal of earth sciences 2019 / p.55-75 : ill

[http://www.eap.ee/public/Estonian\\_Journal\\_of\\_Earth\\_Sciences/2019/issue\\_2/earth-2019-2-55-75.pdf](http://www.eap.ee/public/Estonian_Journal_of_Earth_Sciences/2019/issue_2/earth-2019-2-55-75.pdf) <https://doi.org/10.3176/earth.2019.06>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Grid-connected single-phase 3L-T-type qZS inverter for renewable energy

Roncero-Clemente, Carlos; Husev, Oleksandr; Ruiz-Cortes, Mercedes; Romero-Cadaval, Enrique; Barrero-Gonzalez, Fermin; Gonzalez-Romera, Eva IECON 2019 - 45th Annual Conference of the IEEE Industrial Electronics Society : proceedings 2019 / p. 5003-5007 : ill <https://doi.org/10.1109/IECON.2019.8926888> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### Groundwater flow history in the Baltic Artesian Basin (BAB) Synthesis of numerical models and hydrogeochemical data

Vaikmäe, Rein European Society for Isotope Research Isotope Workshop XV, Lublin, Poland, June 23-27, 2019 : book of abstracts 2019 / p. 23-25 : ill [https://esir.org.pl/2019/ESIR2019\\_big.pdf](https://esir.org.pl/2019/ESIR2019_big.pdf)

### Growing trade, but slowing unitized short sea shipping : analysing Finland and Germany

Hilmola, Olli-Pekka Kristian; Tolli, Andres Transport and telecommunication 2019 / p. 82-91 : ill <https://doi.org/10.2478/tjt-2019-0008>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Growth of CU<sub>2</sub>CDGESE<sub>4</sub> monograin powders in molten salts [Online resource]

Li, Xiaofeng; Kauk-Kuusik, Marit Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 2 p <http://fmdk.ut.ee/teesid-2019/>

### Guest editor preface

Journal of sustainable architecture and civil engineering 2019 / p. 5-6 <https://doi.org/10.5755/j01.sace.24.1.23239>

### Guest editorial

Hollebeek, Linda Desiree; Sprott, David E.; Andreassen, Tor W. European Journal of Marketing 2019 / p. 1665-1670  
<https://doi.org/10.1108/EJM-09-2019-969> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### The Guthi Act amendment bill may end the Guthi system altogether

Shakya, Shobhit The Record 2019 [The Guthi Act amendment bill may end the Guthi system altogether](#)

### The Guthis : Buddhist societal organization for the 21st century

Shakya, Shobhit; Drechsler, Wolfgang Buddhism around the world 2019 / p. 499-527  
[https://www.academia.edu/39480389/The\\_Guthis\\_Buddhist\\_Societal\\_Organization\\_for\\_the\\_21st\\_Century](https://www.academia.edu/39480389/The_Guthis_Buddhist_Societal_Organization_for_the_21st_Century)

### Haavatava maailma hüpotees

Mürsepp, Peeter XV Eesti Filosoofia Aastakonverents : Digiühiskond : filosoofilised perspektiivid : Tallinna Tehnikaülikool, 30-31. August 2019 : teeside raamat = XV Annual Estonian Philosophy Conference : The Digital Society : Philosophical Perspectives : Tallinn University of Tallinn, Estonia, 30-31 August 2019 : book of abstracts 2019 / lk. 17-18 <https://www.taltech.ee/public/r/Ragnar-Nurkse-innovatsiooni-ja-valitsemise-instituut/BookofAbstracts.pdf>

### Halduskultuur [Võrguteavik] : the Estonian journal of administrative culture and digital governance

2019 [https://www.ester.ee/record=b2157203\\*est](https://www.ester.ee/record=b2157203*est) <https://doi.org/10.32994/hk.v19i2>

### Halduskultuur [Võrguteavik] : the Estonian journal of administrative culture and digital governance

2019 [https://www.ester.ee/record=b2157203\\*est](https://www.ester.ee/record=b2157203*est)

### Halo-1,2,3-triazolium salts as halogen bond donors for the activation of imines in dihydropyridinone synthesis

Kaasik, Mikk; Metsala, Andrus; Kaabel, Sandra; Kriis, Kadri; Järving, Ivar; Kanger, Tõnis Journal of organic chemistry 2019 / p. 4294-4303 : ill <https://doi.org/10.1021/acs.joc.9b00248> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Halogeenside võib võimendada kaugete aatomite interaktsioone

Metsala, Andrus; Kaasik, Mikk; Kanger, Tõnis; Lopp, Margus XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 28 [https://www.ester.ee/record=b5208044\\*est](https://www.ester.ee/record=b5208044*est)

### Handbook of research on customer engagement

2019 [https://www.ester.ee/record=b5290824\\*est](https://www.ester.ee/record=b5290824*est) <https://doi.org/10.4337/9781788114899>

### Hannes Agabus ja Hardi Koduvere: loomulikku rada kulgev Põxit [Võrguväljaanne]

Agabus, Hannes; Koduvere, Hardi postimees.ee 2019 / fot [Hannes Agabus ja Hardi Koduvere: loomulikku rada kulgev Põxit](#)

### Hapnikupuudus lõpetas ürgmere elurikkuse

Imeline Teadus 2019 / lk. 20 : ill [https://www.ester.ee/record=b2747925\\*est](https://www.ester.ee/record=b2747925*est)

### **Haptic glove for augmented and virtual reality**

**Vu, Trieu Minh** 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings] 2019 / p. 19-20 : ill [https://www.ester.ee/record=b5183874\\*est](https://www.ester.ee/record=b5183874*est)

### **Haptic smart glove for augmented and virtual reality**

**Vu, Trieu Minh; Moezzi, Reza; Katushin, Nikita** Sensor letters 2019 / p. 358-364 <https://doi.org/10.1166/sl.2019.4070>

### **Harmonic current summation using probabilistic bivariate modelling = Vooluharmoonikute summeerimine rakendades kahe muutujaga tõenäosuslikku modelleerimist**

**Jarkovoi, Marek** 2019 <https://digikogu.taltech.ee/et/Item/35d500c0-f295-4dd5-b8a5-8feb6a184d32>

### **Harmonics distortion in inverter-fed motor-drive systems : case study**

**Heidari, Hamidreza; Rassõlkin, Anton; Kallaste, Ants; Vaimann, Toomas; Belahcen, Anouar** 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärda, Estonia, June 12-15, 2019 : proceedings 2019 / 4 p. : ill <https://doi.org/10.1109/PQ.2019.8818230>

### **Harnessing cloud scalability to hadoop clusters**

**Koschel, Arne; Heine, Felix; Astrova, Irina** Information Systems 15th European, Mediterranean, and Middle Eastern Conference, EMCIS 2018 : Limassol, Cyprus, October 4-5, 2018 : proceedings 2019 / p. 59-71 [https://doi.org/10.1007/978-3-030-11395-7\\_6](https://doi.org/10.1007/978-3-030-11395-7_6)  
[Conference proceeding at Scopus](#) [Article at Scopus](#)

**Harri Tallermo : 28.09.1929 - 03.02.2018 : publikatsioonid = Harri Tallermo : 28.09.1929 - 03.02.2018 : publications** 2019 [https://www.ester.ee/record=b5260457\\*est](https://www.ester.ee/record=b5260457*est)

### **Hazard evaluation of metal-based nanoparticles and lanthanides with freshwater microcrustaceans = Metalliliste nanoosakeste ja lantaniidide kahjulikkuse hindamine magevee pisivähkidega**

**Muna, Marge** 2019 <https://digi.lib.ttu.ee/i/?11634>

### **"Hea õppejõu arenguprogrammi" tegevustoetuse saajad selgunud**

**Mente et Manu** 2019 / lk. 10 [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

### **Head teed, majatais võlureid!**

**Sarv, Mari Õõ** Mente et Manu 2019 / lk. 3 : portr [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est) [https://www.ttu.ee/public/m/mente-et-manu/MM\\_03\\_2019/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_03_2019/mobile/index.html)

### **Heinrich Laul ja tema koolkonnad Tallinna Tehnikaülikoolis**

**Tärno, Ülo** Vaateid mehaanikale Eestis : 1918-2018 2019 / lk. 113-119 [https://www.ester.ee/record=b5190016\\*est](https://www.ester.ee/record=b5190016*est)

### **Helicobacter pylori induces alterations in liver cell signaling**

**Roots, Kaisa; Rukavitsõna, Elina; Smirnova, Olga; Kasak, L.; Varon, E.; Genot, P.; Spuul, Pirjo** Helicobacter The Year in Helicobacter 2019 / e12647, p. 58 <https://doi.org/10.1111/hel.12647>

### **Hello, World : artificial intelligence and its use in the public sector [Online resource]**

**Berryhil, Jamie; Kok Heang, Kevin; Clogher, Rob; McBride, Keegan David Braun** 2019 <https://doi.org/10.1787/726fd39d-en>

### **Hendrik Voll : tehnikaülikool on oma nime ja erialade üle uhke [Võrguväljaanne]**

**Voll, Hendrik** err.ee 2019 / fot [Hendrik Voll : tehnikaülikool on oma nime ja erialade üle uhke](#)

### **Heterocomponent ternary supramolecular complexes of porphyrins: a review**

**Prigorchenko, Elena; Ustrnul, Lukas; Borovkov, Victor; Aav, Riina** Journal of porphyrins and phthalocyanines 2019 / p. 1308-1325 : ill <https://doi.org/10.1142/S108842461930026X> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Heterogeneous effects of competitiveness shocks on macroeconomic performance across euro area countries**

**Staehr, Karsten;** Vermeulen, Robert World Economy 2019 / p. 68-86 <https://doi.org/10.1111/twec.12675> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Hidden secrets of transverse coastal upwelling jets revealed using a synergy of data in the Gulf of Finland, Baltic Sea**

**Delpeche-Ellmann, Nicole Camille; Soomere, Tarmo** Abstracts : [BSSC 2019] 2019 / p. 112 [https://www.su.se/polopoly\\_fs/1.446756.1566224624!/menu/standard/file/abstracts\\_A5\\_ny.pdf](https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf)

### **High ambient radiofrequency radiation in Stockholm city, Sweden**

**Carlberg, Michael; Hedendahl, Lena; Koppel, Tarmo;** Hardell, Lennart Oncology letters 2019 / p. 1777-1783 : ill <https://doi.org/10.3892/ol.2018.9789> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **High energy milling of WC-FeCr cemented carbide**

**Tarraste, Marek; Kübarsepp, Jakob; Juhani, Kristjan; Kolnes, Märt; Viljus, Mart** Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia 2019 / p. 136-141 : ill <https://www.scientific.net/KEM.799.136> [https://www.ester.ee/record=b5235278\\*est](https://www.ester.ee/record=b5235278*est) <https://doi.org/10.4028/www.scientific.net/KEM.799.136> Conference proceeding at Scopus Article at Scopus

#### **High-CO<sub>2</sub>, acidic and oxygen-starved weathering at the Fennoscandian Shield at the Archean-Proterozoic transition**

**Soomer, Sigrid; Somelar, Peeter; Mänd, Kaarel; Driese, Steven G.; Lepand, Aivo;** Kirsimäe, Kalle Precambrian research 2019 / p. 68-80 : ill <https://doi.org/10.1016/j.precamres.2019.03.001>

#### **Higher order 1-bit Sigma-Delta modulation on a circle**

**Graf, Olga;** Krahmer, Felix; Krause-Solberg, Sara 2019 International Conference on Sampling Theory and Applications (SampTA) : 13th International Conference : Bordeaux, France, July 8-12, 2019 : [proceedings] 2019 / 5 p <https://sampta2019.sciencesconf.org/browse/author?authorid=715157>

#### **High-frequency automated observing systems to meet the monitoring and assessment needs in the Baltic Baltic Sea**

**Lips, Urmas; Lips, Inga** Abstracts : [BSSC 2019] 2019 / p. 20 [https://www.su.se/polopoly\\_fs/1.446756.1566224624!/menu/standard/file/abstracts\\_A5\\_ny.pdf](https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf)

#### **High-level combined deterministic and pseudo-exhaustive test generation for RISC processors**

**Oyeniran, Adeboye Stephen; Ubar, Raimund-Johannes; Jenihhin, Maksim; Gürsoy, Cemil Cem; Raik, Jaan** 2019 IEEE European Test Symposium (ETS) : proceedings 2019 / 6 p. : ill <https://doi.org/10.1109/ETS.2019.8791526>

#### **High-Level Combined Deterministic and Pseudo-exhaustive Test Generation for RISC Processors**

**Oyeniran, Adeboye Stephen; Ubar, Raimund-Johannes; Jenihhin, Maksim; Raik, Jaan** 2019 IEEE European Test Symposium (ETS) : ETS 2019, May 27-31, 2019, Baden-Baden, Germany : Proceedings 2019 / 6 p. : ill <https://doi.org/10.1109/ETS.2019.8791526>

#### **High-level functional test generation for microprocessor modules**

**Oyeniran, Adeboye Stephen; Ubar, Raimund-Johannes** Proceedings of 26th International Conference Mixed Design of Integrated Circuits and Systems : MIXDES 2019 : Rzeszów, Poland, June 27 - 29, 2019 2019 / p. 356-361 : ill <https://doi.org/10.23919/MIXDES.2019.8787131>

#### **Highlights of Estonian Engineering and Technology Sciences**

Higher Education and Research in Estonia 2019 / p. 45 : ill <https://www.digar.ee/viewer/et/nlib-digar:434236/368591/page/47> [https://www.ester.ee/record=b5246114\\*est](https://www.ester.ee/record=b5246114*est)

#### **Highly chemoselective solvent-free synthesis of 1,3,5-triaryl-1,5- diketones: crystallographic investigation and intramolecular weak bifurcated H bonds involving aliphatic C-H group**

**Yin, Zhongyou; Xiong, Changkun; Guo, Jianxin; Borovkov, Victor** Synlett 2019 / p. 2143-2147 <https://doi.org/10.1055/s-0039-1690224>

#### **High-speed thermogravimetric analysis of the combustion of wood and Ca-rich fuel**

**Maaten, Birgit; Konist, Alar; Siirde, Andres** Journal of thermal analysis and calorimetry 2019 / p. 2807-2811 <https://doi.org/10.1007/s10973-019-08785-6> Teadlased: puidu osakaalu suurendamine fossiilkütustes on üks lahendus Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

#### **High-strength aluminum alloy of ultrafine grained by consolidation-ECAP**

**Pramono, Agus; Kollo, Lauri; Kommel, Lembit; Veinthal, Renno** IOP conference series : materials science and engineering 2019 / art. 012035, 7 p. : ill <https://doi.org/10.1088/1757-899X/478/1/012035> Conference proceedings at Scopus Article at Scopus Article at WOS

#### **Hilbert transform, an effective replacement of Park's vector modulus for the detection of rotor faults**

**Asad, Bilal; Vaimann, Toomas; Kallaste, Ants; Rassõlkin, Anton; Belahcen, Anouar** 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärda, Estonia, June 12-15, 2019 : proceedings 2019 / 4 p. : ill <https://doi.org/10.1109/PQ.2019.8818227>

#### **Hindcast of the mesoscale eddy field in the Southeastern Baltic Sea: Model output vs satellite imagery**

**Zhubas, Victor; Väli, Germo;** Kostianoy, Andrey; Lavrova, Olga Russian journal of earth sciences 2019 / art. 46591, 17 p. : ill <https://doi.org/10.2205/2019ES000672> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

#### **Hintikka memorial issue : introduction and remarks on Jaakko Hintikka's logical philosophy**

**Pietarinen, Ahti-Veikko** Logica Universalis 2019 / p. 137-145 <https://doi.org/10.1007/s11787-019-00222-4> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

#### **Historical errors in the initial conception of the euro and its subsequent development**

**Ramiro Troitino, David;** Faerber, Karoline Revista de Economia Política 2019 / p. 328 - 343 <https://doi.org/10.1590/0101-31572019->

## H-MAS

**Samoson, Ago** Journal of magnetic resonance 2019 / p. 167-172 : ill <https://doi.org/10.1016/j.jmr.2019.07.010> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

## Holocene quantitative pollen-based vegetation reconstructions in Europe for climate modelling: LandClim II [Online resource]

Githumbi, Esther; Fyfe, R.; Kjellström, Erik; **Poska, Anneli**; Sugita, Shinya 20th Congress of the International Union for Quaternary Research (INQUA): INQUA Congress 2019: Dublin, From 25 Jul 2019 - 31 Jul 2019 2019 <https://app.oxfordabstracts.com/events/574/program-app/submission/84376>

## Holocene rapid climate changes and ice-rafting debris events reflected in high-resolution European charcoal records

Florescu, Gabriela; Brown, Kendrick J.; Carter, Vachel A.; **Veski, Siim** Quaternary science reviews 2019 / art. 105877, 13 p. : ill <https://doi.org/10.1016/j.quascirev.2019.105877> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

## Holocene shifts in the primary producer community of large, shallow European Lake Peipsi, inferred from sediment pigment analysis

Tönno, Ilmar; Nauts, Kristiina; Belle, Simon; **Alliksaar, Tiit** Journal of paleolimnology 2019 / p. 403–417 : ill <https://doi.org/10.1007/s10933-019-00067-3> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

## Homogenization of multiscale eddy current problem by localized orthogonal decomposition method

Ren, Xiaotao; Hannukainen, Antti; **Belahcen, Anouar** IEEE transactions on magnetics 2019 / art. 7500204, 4 p <https://doi.org/10.1109/TMAG.2019.2917400>

## Hooldus [Võrguteavik] : hoolduse võtmenäitajad = Maintenance : maintenance Key Performance Indicators

2019 [https://www.ester.ee/record=b5272814\\*est](https://www.ester.ee/record=b5272814*est)

## Hoone kanalisatsioon [Võrguteavik] = Draining system inside buildings

2019 [https://www.ester.ee/record=b5261771\\*est](https://www.ester.ee/record=b5261771*est)

## Hoonete energiatõhusus [Võrguteavik] : hoonete ventilatsioon. Osa 1, Sisekeskkonna lähteandmed hoonete energiatõhususe projekteerimiseks ja hindamiseks, lähtudes siseõhu kvaliteedist, soojuslikust keskkonnast, valgustusest ja akustikast. Moodul M1-6 : Eesti standardi rahvuslik lisa = Energy performance of buildings : ventilation for buildings. Part 1, Indoor environmental input parameters for design and assessment of energy performance of buildings addressing indoor air quality, thermal environment, lightning and acoustics. Module M1-6 : Estonian National Annex

2019 [https://www.ester.ee/record=b5272875\\*est](https://www.ester.ee/record=b5272875*est)

## Hoonete energiatõhusus [Võrguteavik] : hoonete ventilatsioon. Osa 1, Sisekeskkonna lähteandmed hoonete energiatõhususe projekteerimiseks ja hindamiseks, lähtudes siseõhu kvaliteedist, soojuslikust keskkonnast, valgustusest ja akustikast. Moodul M1-6 = Energy performance of buildings : ventilation for buildings. Part 1, Indoor environmental input parameters for design and assessment of energy performance of buildings addressing indoor air quality, thermal environment, lightning and acoustics. Module M1-6

2019 [https://www.ester.ee/record=b5272879\\*est](https://www.ester.ee/record=b5272879*est)

## Hoonete energiatõhusus [Võrguteavik] : hoonete ventilatsioon. Osa 1, Sisekeskkonna lähteandmed hoonete energiatõhususe projekteerimiseks ja hindamiseks, lähtudes siseõhu kvaliteedist, soojuslikust keskkonnast, valgustusest ja akustikast. Moodul M1-6 = Energy performance of buildings : ventilation for buildings. Part 1, Indoor environmental input parameters for design and assessment of energy performance of buildings addressing indoor air quality, thermal environment, lightning and acoustics. Module M1-6

2019 [https://www.ester.ee/record=b5272854\\*est](https://www.ester.ee/record=b5272854*est)

## Hoonete energiatõhususe võimalustest ja väljakutsetest [Võrguväljaanne]

**Kurnitski, Jarek** Konverents "Kliimaneutraalsus – häving või edu?" 2019 / 16 | [Hoonete energiatõhususe võimalustest ja väljakutsetest Kliimaneutraalsus – häving või edu? Süsinikuneutraalne majandus nõuab uusi tehnoloogiaid paljudes valdkondades](#)

## Hoonete ventilatsioon [Võrguteavik] : ventilatsiooni keskseadmed. Keskseadmete komponentide ja sektsioonide valik ja toimimine = Ventilation for buildings : air handling units. Rating and performance for units, components and sections

2019 [https://www.ester.ee/record=b5294686\\*est](https://www.ester.ee/record=b5294686*est)

## House price expectations, boom bust cycles and implications for monetary policy [Online resource]

**Nilavongse, Rachatar** Open seminars of Eesti Pank in 2019 2019 / 48 p. : ill <https://www.slideshare.net/eestipank/house-price-expectations-boom-bust-cycles-and-implications-for-monetary-policy>

## How can Internet Voting be implemented in Portuguese elections? A comparison with Estonia

**Freire, Marlon** Fourth International Joint Conference on Electronic Voting : E-Vote-ID 2019 : 1-4 October 2019, Lochau/Bregenz, Austria : proceedings 2019 / p. 379-380 <https://digi.lib.ttu.ee/i/?13563>

**How does learning and education help to overcome the disposition effect?**

**Vaarmets, Tarvo; Liivamägi, Kristjan; Talpsepp, Tõnn** Review of finance 2019 / p. 801-830 : ill <https://doi.org/10.1093/rof/rfy006>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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**McBride, Keegan David Braun; Aavik, Gerli; Toots, Maarja; Kalvet, Tarmo; Krimmer, Robert Johannes** Government information quarterly 2019 / 10 p. : ill <https://doi.org/10.1016/j.giq.2018.11.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**How elections with Internet voting are administered? The case of the 2019 Parliamentary elections in Estonia**

**Krivosova, Iuliia** Fourth International Joint Conference on Electronic Voting : E-Vote-ID 2019 : 1-4 October 2019, Lochau/Bregenz, Austria : proceedings 2019 / p. 381-383 <https://digi.lib.ttu.ee/i/?13563>

**How entrepreneurial is the university? A case of the university of Technology**

**Voolaid, Karen; Ehrlich, Üllas; Kallaste, Marianne** Research in economics and business : Central and Eastern Europe 2019 / p. 39-63 [https://www.ester.ee/record=b2590050\\*est](https://www.ester.ee/record=b2590050*est) <http://www.rebcee.eu/index.php/REB/issue/view/22>

**How increasing use of Internet voting impacts the Estonian election management**

**Krivosova, Iuliia; Serrano-Iova, Radu-Antonio; Duenas Cid, David; Krimmer, Robert Johannes** Fourth International Joint Conference on Electronic Voting : E-Vote-ID 2019 : 1-4 October 2019, Lochau/Bregenz, Austria : proceedings 2019 / p. 226-227 <https://digi.lib.ttu.ee/i/?13563>

**How local resources shape innovation and path development in rural regions. Insights from rural Estonia**

**Reidolf, Merli; Graffenberger, Martin** Journal of Entrepreneurship, Management and Innovation (JEMI) 2019 / p. 131-162 <https://doi.org/10.7341/2019153>

**How to compare energy performance requirements of Japanese and European office buildings**

**Ahmed, Kaiser; Yoon, Gyuyoung; Ukai, Makiko; Kurnitski, Jarek** E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019 / art. 03038, 8 p <https://doi.org/10.1051/e3sconf/201911103038> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**How to reap the benefits of the "digital revolution"? Modularity and the commons**

**Kostakis, Vasileios** Halduskultuur : The Estonian journal of administrative culture and digital governance 2019 / p. 4-19 : ill <https://doi.org/10.32994/hk.v20i1.228> [https://www.ester.ee/record=b2157203\\*est](https://www.ester.ee/record=b2157203*est) [Journal metrics at Scopus](#) [Article at Scopus](#)

**How to study and teach Russia and the EU**

**Braghiroli, Stefano; Hoffmann, Thomas; Makarychev, Andrey** Russia and the EU : spaces of interaction 2019 / p. 241-247 [https://www.ester.ee/record=b5180939\\*est](https://www.ester.ee/record=b5180939*est) <https://www.routledge.com/Russia-and-the-EU-Spaces-of-Interaction/Hoffmann-Makarychev/p/book/9781138303799>

**How trustworthy is Russia's new optical scan voting system? [Online resource]**

**Krivosova, Iuliia** riddle.io 2019 / phot <https://www.ridl.io/en/how-trustworthy-is-russia-s-new-optical-scan-voting-system/>