

## **Aasta keeletegudeks valiti TTÜ kõnetuvastus ja TÜ masintõlge [Võrguväljaanne]**

Viilup, Kaspar kultuur.err.ee 2020 [Aasta keeletegudeks valiti TTÜ kõnetuvastus ja TÜ masintõlge](#)

## **Aasta keeleteoks valiti TalTechi kõnetuvastus ja Tartu Ülikooli masintõlge**

Mente et Manu 2020 / lk. 7 [https://www.ttu.ee/public/m/mente-et-manu/MM\\_02\\_2020/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_02_2020/mobile/index.html)  
[https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

## **Aasta vilistlane Mart Min: sügised aastatel 1992 ja 2020 on üsna sarnasteks osutunud**

Min, Mart Mente et Manu 2020 / lk. 60-61 : portr <https://dea.digar.ee/cgi-bin/dea?a=is&oid=AKmenteetmanu202011&type=staticpdf>

## **Aastaraamat 2019 / Tallinna Tehnikaülikool, Virumaa Kolledž**

2020 [https://www.ester.ee/record=b2666429\\*est](https://www.ester.ee/record=b2666429*est)

## **Aastavestlus, millest on kasu töötajale ja tööandjale**

Maltsev, Tiina; Ojasoo, Merle Eesti Õde : Eesti Õdede Liidu ametlik väljaanne 2020 / lk. 29-30  
[https://www.ester.ee/record=b1072030\\*est](https://www.ester.ee/record=b1072030*est) <https://dea.digar.ee/article/AKeestiode/2020/09/0/14.1>

## **Aaviksoo : 20-30 aasta pärast ei ole meil eestikeelseid õppejõudusid [Võrguväljaanne]**

Aaviksoo, Jaak err.ee 2020 / audio [Aaviksoo: 20-30 aasta pärast ei ole meil eestikeelseid õppejõudusid](#)

## **Aaviksoo: olen TTÜ nõukogus pettunud**

Eesti Päevaleht 2020 / Lk. 6 : portr [https://www.ester.ee/record=b1072079\\*est](https://www.ester.ee/record=b1072079*est)

## **Abduction and diagrams**

Pietarinen, Ahti-Veikko Logic journal of the IGPL 2020 / p. 447-468 <https://doi.org/10.1093/jigpal/jzz034> [Journal metrics at Scopus](#)  
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Abductive inference within a pragmatic framework**

Chiffi, Daniele; Pietarinen, Ahti-Veikko Synthese 2020 / p. 2507-2523 <https://doi.org/10.1007/s11229-018-1824-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Abielu versus kooselu**

Rajangu, Väino Postimees 2020 / Lk. 14 <https://dea.digar.ee/article/postimees/2020/11/04/16.5>

## **Abrupt changes in wave climate of regional seas caused by large-scale atmospheric forcing and teleconnections**

Kudryavtseva, Nadezhda Geophysical research abstracts 2020 / EGU2020-22430 <https://doi.org/10.5194/egusphere-egu2020-22430>

## **Academic abilities, education and performance in the stock market**

Talpsepp, Tõnn; Liivamägi, Kristjan; Vaarmets, Tarvo Journal of Banking & Finance 2020 / art. 105848  
<https://doi.org/10.1016/j.jbankfin.2020.105848> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Academies and the information-rich society**

Engelbrecht, Jüri The role of academies in sustaining European knowledge societies in times of crisis 2020 / p. 37-44  
<https://www.academiadelle scienze.it/attivita/editoria/periodici-e-collane/quaderni/quaderno-n-35-2020>

## **Accelerated carbonation technology granulation of industrial waste : effects of mixture composition on product properties**

Berber, Hakan; Tamm, Kadriann; Leinus, Mari-Liis; Kuusik, Rein, keemik; Tõnsuaadu, Kaia; Paaver, Peeter; Uibu, Mai Waste management & research 2020 / p. 142-155 <https://doi.org/10.1177/0734242X19886646> [Journal metrics at Scopus](#) [Article at Scopus](#)  
[Journal metrics at WOS](#) [Article at WOS](#)

## **Accelerated carbonation treatment of industrial wastes: physicochemical, environmental and economic aspects = Tööstusjäätmete töötlemine kiirendatud karboniseerimismeetodil: füüsikalise-keemilised, keskkonnavalased ja majanduslikud aspektid**

Berber, Hakan 2020 <https://digikogu.taltech.ee/et/Item/e6d57289-35ba-46fc-9c05-c9ac6f982bf0>

## **Acceptance of the abolition of new year's eve fireworks : a theoretical and empirical analysis under the aspect of sustainability**

Wellbrock, Wanja; Ludin, Daniela; Mueller, Erika; Weiss, Maximilian; Zeh, Matthias; Gerstlberger, Wolfgang Dieter European journal of sustainable development 2020 / p. 59-70 <https://doi.org/10.14207/ejsd.2020.v9n4p59>

## **Accumulation of metals and changes in composition of freshwater lake organic sediments during the Holocene**

Stankevica, Karina; Vincevica-Gaile, Zane; Klavins, Maris; Kalina, Laimdota; Stivrīnš, Normunds; Grudzińska, Ieva; Kaup, Enn Chemical geology 2020 / art. 119502, 14 p. : ill <https://doi.org/10.1016/j.chemgeo.2020.119502> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Accuracy analysis of selected time series and machine learning methods for smart cities based on Estonian electricity consumption forecast**

**Häring, Tobias; Ahmadihangar, Roya; Rosin, Argo; Korõtko, Tarmo;** Biechl, Helmuth 2020 IEEE 14th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) : proceedings 2020 / p. 425-428 : ill <https://doi.org/10.1109/CPE-POWERENG48600.2020.9161690>

**Accuracy of voltage unbalance source assessment in three-phase three-wire electrical networks**

**Bolgov, Viktor;** Kalyuzhnyi, Dmitry Proceedings of the 2020 Ural Smart Energy Conference (USEC) : 2020 USEC, Ekaterinburg, Russia 13-15 November 2020 2020 / 4 p <https://doi.org/10.1109/USEC50097.2020.9281165>

**Achieving the sustainable development goals: concepts and actors**

**Engelbrecht, Jüri;** Šlaus, Ivo Transforming our world: necessary, urgent, and still possible 2020 / p. 138-182 <https://www.cambridgescholars.com/resources/pdfs/978-1-5275-4736-0-sample.pdf>

**Acknowledgements from the Academy**

Estonian Academy of Sciences yearbook 2019 : words and images. Facts and figures = Annales Academiae Scientiarum Estonicae 2020 / p. 130-133 : portr [https://www.ester.ee/record=b1218154\\*est](https://www.ester.ee/record=b1218154*est)

**Acoustic noise computation of electrical motors using the boundary element method**

**Sathyan, Sabin; Aydin, Ugur; Belahcen, Anouar** Energies 2020 / art. 0245 <https://doi.org/10.3390/en13010245> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Acoustic study of novel eco-friendly material for vehicle NVH applications**

**Rämmal, Hans; Lavrentjev, Jüri** Materials today: proceedings 2020 / p. 2331-2337 <https://doi.org/10.1016/j.matpr.2020.04.632> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Acoustic study on motorcycle helmets with application of novel porous material**

**Lavrentjev, Jüri; Rämmal, Hans** SAE Technical Paper Series : The 25th Small Engine Technology Conference (SETC2019) : Small Powertrains—Innovating for Their Future Role, International Conference Center Hiroshima, November 19-21, 2019 : Final program 2020 / Paper 2019-32-0531, p. 1-7 : ill <https://www.sae.org/publications/technical-papers/content/2019-32-0531/> [http://www.setc-isa.com/2019docs/SETC2019\\_FinalProgram\\_all.pdf](http://www.setc-isa.com/2019docs/SETC2019_FinalProgram_all.pdf) [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Acta architecturae naturalis = Maastikuarhitektuurseid uurimusi**

2020 <https://www.maastikuarhitektuur.ee/acta/issue/view/acta-2020>

**Acta Baltica historiae et philosophiae scientiarum**

2020 <http://www.bahps.org/acta-baltica> <https://doi.org/10.11590/abhps> [https://www.ester.ee/record=b2941458\\*est](https://www.ester.ee/record=b2941458*est)

**Activated persulfate and hydrogen peroxide treatment of highly contaminated water matrices: a comparative study**

**Dulova, Niina; Kattel, Eneliis; Trapido, Marina** International journal of environmental science and development 2020 / p. 549-554 <https://doi.org/10.18178/ijesd.2020.11.12.1306> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Active chitosan–chestnut extract films used for packaging and storage of fresh pasta**

**Körge, Kristi;** Bajić, Marijan; Likožar, Blaž; Novak, Uroš International Journal of Food Science and Technology 2020 / p. 3043 - 3052 <https://doi.org/10.1111/ijfs.14569> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Active-passive two-way ranging using UWB**

**Laadung, Taavi;** Ulp, Sander; **Alam, Muhammad Mahtab; Le Moullec, Yannick** 2020, 14th International Conference on Signal Processing and Communication Systems, (ICSPCS) December 14-16, 2020 – Virtual Conference : proceedings 2020 <https://doi.org/10.1109/ICSPCS50536.2020.9309999>

**Adaptation of Laboratory tests for the assessment of wear resistance of drill-bit inserts for rotary-percussive drilling of hard rocks**

**Saai, Afaf; Bjorge, Ruben; Dahl, Filip; Antonov, Maksim** Wear 2020 / art. 203366, 10 p. : ill <https://doi.org/10.1016/j.wear.2020.203366> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Adaptation of striated muscles to Wolframin deficiency in mice : alterations in cellular bioenergetics**

**Tepp, Kersti;** Puurand, Marju; Timohhina, Natalja; **Aid-Vanakova, Jekaterina;** Reile, Indrek; Ševtšuk, Igor; Tšekulajev, Vladimir; Eimre, Margus; Peet, Nadežda; Kadaja, Lumme; Paju, Kalju; Käämbre, Tuuli Biochimica et biophysica acta 2020 / art. 129523 <https://doi.org/10.1016/j.bbagen.2020.129523>

**Adaptation of the development of ecological entrepreneurship**

**Prokopenko, Olha;** Korchevska, L.; Shluga, M.; Zakharchenko, A. International journal of scientific and technology research 2020 / p. 1112-1115 [Adaptation of the development of ecological entrepreneurship](#) <https://ijstr.org/paper-references.php?ref=IJSTR-0320-33121> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Adaptive consensus reaching process with hybrid strategies for large-scale group decision making**

Tang, Ming; Liao, Huchang; Xu, Jiuping; Streimikiene, Dalia; **Zheng, Xiaosong** European journal of operational research 2020 / p. 957-971 : ill <https://doi.org/10.1016/j.ejor.2019.10.006>

### **Adding waste paper to clay plaster to raise its ability to buffer moisture**

**Nutt, Nele; Kubjas, Ardo; Nei, Lembit** Proceedings of the Estonian Academy of Sciences 2020 / p. 179–185 : ill  
<https://doi.org/10.3176/proc.2020.3.01> [https://kirj.ee/public/proceedings\\_pdf/2020/issue\\_3/proc-2020-3-179-185.pdf](https://kirj.ee/public/proceedings_pdf/2020/issue_3/proc-2020-3-179-185.pdf) [Journal metrics at Scopus](#)  
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Additive manufacturing : alloy design and process innovations**

**Prashanth, Konda Gokuldoss**; Wang, Zhi Materials 2020 / art. 542, 2 p <https://doi.org/10.3390/ma13030542> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Additive manufacturing : alloy design and process innovations**

2020 <https://doi.org/10.3390/books978-3-03928-353-8>

### **Additive manufacturing : alloy design and process innovations**

2020 <https://doi.org/10.3390/books978-3-03928-415-3>

### **Additive manufacturing of novel ceramic-based composite scaffolds for bone tissue engineering = Uudsete keraamikali põhinevate komposiitkarkasside kihtlisandustehnoloogia luukoetehnika**

**Kamboj, Nikhil Kumar** 2020 [https://www.ester.ee/record=b5379547\\*est](https://www.ester.ee/record=b5379547*est) <https://digikogu.taltech.ee/et/Item/92f8dc95-1820-45b0-bbdc-4193e44ec978>

### **Additive manufacturing of silicon-wollastonite/bioactive glass based biomaterials by Selective Laser Melting**

**Kamboj, Nikhil Kumar**; Rodriguez Barbero, M. A.; Rodrigo, C.; Kazantseva, Jekaterina; **Hussainova, Irina** 44th International Conference & Exposition on Advanced Ceramics and Composites, January 26–31, 2020, Daytona Beach, Florida : Abstract book 2020 / art. ICACC-S5-028-2020 ; p. 133 [https://ceramics.org/wp-content/uploads/2018/09/ICACC20\\_Abstracts\\_WebFinal.pdf](https://ceramics.org/wp-content/uploads/2018/09/ICACC20_Abstracts_WebFinal.pdf)

### **Address from main organizers**

**Vinnikov, Dmitri; Liivik, Elizaveta** 19th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Tartu, Estonia, January 14-17, 2020 2020 / p. [3]  
[https://www.ester.ee/record=b5291755\\*est](https://www.ester.ee/record=b5291755*est)

### **Adenylate kinase and metabolic signaling in cancer cells**

Klepinin, Aleksandr; Zhang, Song; **Klepinina, Ljudmila; Rebane-Klemm, Egle**; Terzic, Andre; Käämbre, Tuuli; Dzeja, Petras Frontiers in oncology 2020 / art. 660, 9 p <https://doi.org/10.3389/fonc.2020.00660>

### **Adhesion of single-walled carbon nanotube thin films with different materials**

Rajanna, Pramod M.; Luchkin, Sergey; Larionov, Konstantin; Grebenko, Artem; Popov, Zakhar; Sorokin, Pavel; **Danilson, Mati; Bereznev, Sergei**; Lund, Peter D.; Nasibulin, Albert The journal of physical chemistry letters 2020 / p. 504–509  
<https://doi.org/10.1021/acs.jpclett.9b03552> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Adjustable self-healing methodology for accelerated functions in heterogeneous systems**

Riazati, Mohammad; **Ghasempouri, Tara; Daneshtalab, Masoud; Raik, Jaan**; Sjodin, Mikael; Lisper, Bjorn 2020 23rd Euromicro Conference on Digital System Design (DSD), 26-28 August 2020, Kranj, Slovenia 2020 / p. 638-645  
<https://doi.org/10.1109/DSD51259.2020.00104>

### **Advancement in valorization technologies to improve utilization of bio-based waste in bioeconomy context**

**Usmani, Zeba**; Sharma, Minaxi; **Karpichev, Yevgen** Renewable and sustainable energy reviews 2020 / art. 109965, 16 p. : ill  
<https://doi.org/10.1016/j.rser.2020.109965> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Advances in nanomaterials induced biohydrogen production using waste biomass**

Srivastava, Neha; Srivastava, Manish; Mishra, Pradeep Kumar; Kausar, Mohd Adnan; Saeed, Mohd; **Gupta, Vijai Kumar**; Singh, Rajeev; Ramteke, Pramod Wasudeo Bioresource Technology 2020 / art. 123094 <https://doi.org/10.1016/j.biortech.2020.123094> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Advokaat hoiatab: piiriülesed ehitusettevõtjad peavad olema nüüd ettevaatlikumad [Võrguväljaanne]**

**Künnapas, Kaido** delfi.ee 2020 "[Advokaat hoiatab: piiriülesed ehitusettevõtjad peavad olema nüüd ettevaatlikumad](#)"

### **Age constraints of the Hungshihyen Formation (Early to Middle Ordovician) on the western margin of the Yangtze Platform, South China : new insights from chitinozoans**

**Liang, Yan**; Wang, Guang-Xu; Servais, Thomas; Wu, Rong-Chang; **Nölvak, Jaak; Hints, Olle**; Weif, Xin; Gong, Fang-Yi Palaeoworld 2020 / p. 66-74 : ill <https://doi.org/10.1016/j.palwor.2019.05.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Aggregated conducted electromagnetic interference generated by DC/DC converters with deterministic and random modulation**

Loschi, Hermes; Smolenski, Robert; Lezynski, Piotr; Nascimento, Douglas; Demidova, Galina Energies 2020 / art. 3698  
<https://doi.org/10.3390/en13143698>

## **Aggregator based coordinated Transactive Energy trading between Microgrids**

Crasta, Cletus J.; Mishra, Sambeet; Agabus, Hannes; Palu, Ivo 2020 International Conference on Smart Grids and Energy Systems (SGES) 2020 <https://doi.org/10.1109/SGES51519.2020.00166>

## **Ago Samoson: Eesti teadus surmahirmus [Võrguväljaanne]**

Samoson, Ago err.ee 2020 / fot [Ago Samoson: Eesti teadus surmahirmus](#) Vaata ka: Renno Veinthal: tehnikaülikooli teadustöö viljakus on suurenenud (err.ee 02.05.2020)

## **Agu Sihkva annab aru**

Läll, Anne-Mary Stuudiosus 2020 / lk. 22-25 : ill [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

## **Agu Uudelepa viimased päevad: „Võtsin kogu jõu kokku, et lastega veel hüvasti jätta“**

Tänavsuu, Toivo Eesti Ekspress 2020 / Lk. 10-12 : fot [https://www.ester.ee/record=b1072031\\*est](https://www.ester.ee/record=b1072031*est) <https://ekspress.delfi.ee/kuum/agu-uudelepa-viimased-paevad-votsin-kogu-jou-kokku-et-lastega-veel-huvasti-jatta?id=88896883>

## **Agu Uudelepp : 1974-2020**

Lumi, Ott Sirp 2020 / lk. 38 <https://www.sirp.ee/s1-artiklid/c9-sotsiaalia/in-memori-aga-uudelepp/> [https://www.ester.ee/record=b1072938\\*est](https://www.ester.ee/record=b1072938*est)

## **Aichinger, Florian. On the convergence rate of the fraction of simple algebras : [review]**

Henno, Jaak Zentralblatt MATH 2020 / 1 p <https://www.zbmath.org/?q=an:1459.08001> <https://doi.org/10.1007/s00012-020-00684-4>

## **Ain Kendra ja Toomas Tiivel: Rail Balticu vead**

Kendra, Ain; Tiivel, Toomas, geenit. Postimees 2020 / ? <https://leht.postimees.ee/7022574/ain-kendra-ja-toomas-tiivel-rail-balticu-vead>

## **Ain Kendra: naastrehvid – keelata või maksustada?**

Kendra, Ain Postimees 2020 / lk. 16 : portr <https://dea.digar.ee/article/postimees/2020/10/28/15.9>

## **Aineliitu kuulumine muudab õpetaja hääle kõlavamaks**

Prees, Ingrid Õpetajate Leht 2020 / lk. 6 <https://opleht.ee/2020/03/aineliitu-kuulumine-muudab-opetaja-haale-kolavamaks/>  
[https://www.ester.ee/record=b1072753\\*est](https://www.ester.ee/record=b1072753*est)

## **Aini Veski väli elu versta postid: kümme tiitlivõistluste medalit, kolm last, edukad tööaastad ja võitlus raske haigusega**

Tserp, Deivil Õhtuleht 2020 / Lk. 16-17 : fot <https://dea.digar.ee/article/ohuleht/2020/11/19/19.6>

## **Ainult enda päikesepaneelidest jääb energiakindluse tagamiseks väheks**

Raig, Tanel TööstusEST 2020 / lk. 50-53 : fot [http://www.ester.ee/record=b4481084\\*est](http://www.ester.ee/record=b4481084*est) <https://toostusest.ee/uudis/2020/09/23/ainult-enda-paikesepaneelidest-jaab-energiakindluse-tagamiseks-vaheks/>

## **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 Energy and technical building systems - scientific and technological advances 2020 / p. 32-52 : ill <https://doi.org/10.3390/books978-3-03928-179-4>

## **Airborne laser scanning derived sea surface height datasets in the Gulf of Finland (10.05.2018)**

Varbla, Sander; Ellmann, Artur; Delpeche-Ellmann, Nicole Camille SEANOE 2020 <https://doi.org/10.17882/76491>

## **Aitab nüüd iseotsustamisest**

Eesti Päevaleht 2020 / lk. 2 : portr [https://www.ester.ee/record=b1072079\\*est](https://www.ester.ee/record=b1072079*est)

## **Aive Pevkur : maskikandmist ei saa muuta sotsiaalseks normiks sunniviisiliselt [Võrguväljaanne]**

Pevkur, Aive novaator.err.ee 2020 / fot [Aive Pevkur: maskikandmist ei saa muuta sotsiaalseks normiks sunniviisiliselt](#)

## **Ajalookirjanduse aastapreemia sai Epi Tohvi**

Eesti Elu : [Kanada ajaleht] 2020 / lk. 6 <https://eesti.elu.com/et/eesti-elu/paberleht/10852-eesti-elu-nr-34-28-august-2020-digileht>

## **Ajalookirjanduse aastapreemia sai Epi Tohvi**

Eesti Päevaleht 2020 / Lk. 14 <https://dea.digar.ee/article/eestipaevaleht/2020/08/18/16.2>

## **Ajaloolised katusekatted**

Kalamees, Targo Pööning : ajalooga majad, aiad ja disainiklassika 2020 / lk. 87-93 : fot [https://www.ester.ee/record=b4516546\\*est](https://www.ester.ee/record=b4516546*est)

## **Ajaloolised katusekonstruktsioonid**

**Kalamees, Targo** Pööning : ajalooga majad, aiad ja disainiklassika 2020 / lk. 86-90 : fot [https://www.ester.ee/record=b4516546\\*est](https://www.ester.ee/record=b4516546*est)

## **Ajast maha jäänud. Eesti on ainus Euroopa Liidu riik, kus pole automaksu**

Orav, Anna Teele Eesti Päevaleht 2020 / Lk. 18-19 <https://dea.digar.ee/article/eestipaevaleht/2020/12/02/18.1>

## **Ajateenistus läbi sõduripoiste silmade**

**Löper, Mari** Studioosus 2020 / lk. 32-33 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

## **Akadeemia 2018. aasta aruanne : president Tarmo Soomere [ettekanne Eesti TA üldkogu aastakoosolekul 24. aprillil 2019]**

**Soomere, Tarmo** Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2019 2020 / lk. 81-84 [https://www.ester.ee/record=b1218094\\*est](https://www.ester.ee/record=b1218094*est)

## **Akadeemia soovitud teadusleppe realiseerimiseks**

**Soomere, Tarmo** Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2019 2020 / lk. 84-86 [https://www.ester.ee/record=b1218094\\*est](https://www.ester.ee/record=b1218094*est)

## **Akadeemik Enn Tõugu 1935-2020**

Eesti Elu : [Kanada ajaleht] 2020 / lk. 14 : fot

## **[Akadeemik Jaak Aaviksoo ettekanne Eesti TA üldkogu aastakoosolekul 24. aprillil 2019]**

**Aaviksoo, Jaak** Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2019 2020 / lk. 78-79 [https://www.ester.ee/record=b1218094\\*est](https://www.ester.ee/record=b1218094*est)

## **[Akadeemik Jaak Aaviksoo sõnavõtt : Eesti TA üldkogul 25. septembril 2019]**

**Aaviksoo, Jaak** Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2019 2020 / lk. 86-87 [https://www.ester.ee/record=b1218094\\*est](https://www.ester.ee/record=b1218094*est)

## **[Akadeemik Jakob Kübarsepa ettekanne Eesti TA üldkogu aastakoosolekul 24. aprillil 2019]**

**Kübarsepp, Jakob** Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2019 2020 / lk. 79-80 [https://www.ester.ee/record=b1218094\\*est](https://www.ester.ee/record=b1218094*est)

## **Akadeemik Jüri Engelbrecht 80**

Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2019 2020 / lk. 97 : portr [https://www.ester.ee/record=b1218094\\*est](https://www.ester.ee/record=b1218094*est)

## **Akadeemik Margus Lopp 70**

Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2019 2020 / lk. 103 : portr [https://www.ester.ee/record=b1218094\\*est](https://www.ester.ee/record=b1218094*est)

## **Akadeemik Mart Saarma 70**

Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2019 2020 / lk. 104 : portr [https://www.ester.ee/record=b1218094\\*est](https://www.ester.ee/record=b1218094*est)

## **Akadeemik selgitab, kuidas käitada haiguspuhangu ajal ventilatsioonisüsteeme [Võrguväljaanne]**

**Kurnitski, Jarek** novaator.err.ee 2020 / fot [Akadeemik selgitab, kuidas käitada haiguspuhangu ajal ventilatsioonisüsteeme](https://www.ester.ee/record=b1218094*est)

## **Akadeemik Tarmo Uustalu 50**

Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2019 2020 / lk. 106 : portr [https://www.ester.ee/record=b1218094\\*est](https://www.ester.ee/record=b1218094*est)

## **Akadeemik Valdek Kulbach : 6.04.1927-31.01.2020 : In memoriam**

Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2019 2020 / lk. 117 : portr [https://www.ester.ee/record=b1218094\\*est](https://www.ester.ee/record=b1218094*est)

## **Akadeemik Ülo Jaaksoo 80**

Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2019 2020 / lk. 98 : portr [https://www.ester.ee/record=b1218094\\*est](https://www.ester.ee/record=b1218094*est)

## **Akna ja sein liitekohta soojuskao ja niiskusturvalisuse arvutuslik uuring : aruanne**

**Hallik, Jaanus; Kalamees, Targo** 2020 <https://vbj.ee/wp-content/uploads/2020/10/Akna-seinakinnituse-kulmasildade-uuring.pdf>

## **Alaäalise isiku töötamine võlaõigusliku lepinguga**

**Güldenkov, Maret** Raamatupidamise Praktik : RP 2020 [https://www.ester.ee/record=b2119353\\*est](https://www.ester.ee/record=b2119353*est)

**Alalisvooluülekanne türistorventiilid. Osa 2, Terminoloogia [Võrguteavik] = Tyristor valves for high-voltage direct current (HVDC) power transmission. Part 2, Terminology (IEC 60700-2:2016)**

2020 [https://www.ester.ee/record=b5329543\\*est](https://www.ester.ee/record=b5329543*est)

**Alalisvooluülekanne [Võrguteavik] : sõnastik = High-voltage direct current (HVDC) transmission : vocabulary (IEC 60633:2019)**

2020 [https://www.ester.ee/record=b5307917\\*est](https://www.ester.ee/record=b5307917*est)

**Alar Rikberg: soovitasin meestel munad üles otsida, mõni leidiski**

Roosna, Märt Eesti Päevaleht 2020 / Lk. 19 : portr <https://dea.digar.ee/article/eestipaevaleht/2020/12/07/22.2>

**Alekõrre kooli eripära on töökohapõhine õpe**

Lukas, Jaan-Ivo Õpetajate Leht 2020 / Lk. 14 : fot <https://dea.digar.ee/article/opetajateleht/2020/11/13/15.1>

**Algas suuremahuline projekt Euroopa supertehnikaülikooli EuroTeQ loomiseks**

Mente et Manu 2020 / lk. 10 <https://dea.digar.ee/cgi-bin/dea?a=is&oid=AKmenteetmanu202011&type=staticpdf>

**Algas õpilaste mobiilimängu konkurss**

Mente et Manu 2020 / lk. 10 [https://www.ttu.ee/public/m/mente-et-manu/MM\\_01\\_2020/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_01_2020/mobile/index.html)

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

**Algebraic and coalgebraic perspectives on interaction laws**

**Uustalu, Tarmo; Voorneveld, Niels** Programming Languages and Systems : 18th Asian Symposium, APLAS 2020, Fukuoka, Japan, November 30 – December 2, 2020 : proceedings 2020 / p. 186-205 [https://doi.org/10.1007/978-3-030-64437-6\\_10](https://doi.org/10.1007/978-3-030-64437-6_10) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

**Alliance attribution of global cyber attacks : the European Union**

**Alatalu, Siim** National cyber emergencies: the return to civil defence 2020 / p. 171-185 <https://doi.org/10.4324/9780429343438>

**Allnighter või hoopis allmorning?**

**Ratasepp, Sandra** Studioosus 2020 / lk. 16-17 : ill [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

**Allveekustika [Võrguteavik] : terminoloogia = Underwater acoustics : terminology (ISO 18405:2017, identical)**

2020 [https://www.ester.ee/record=b5352839\\*est](https://www.ester.ee/record=b5352839*est)

**Alma mater'i mõttest : [arvustus raamatule: Raimo Pullat ja Tõnis Liibek. Oma alma mater'it otsimas. Tallinn: Estopol OÜ, 2020, 446 lk.]**

**Engelbrecht, Jüri** Tuna 2020 / lk. 144-147 [https://www.ester.ee/record=b1189474\\*est](https://www.ester.ee/record=b1189474*est) <https://dea.digar.ee/article/AKtuna/2020/09/0/11.2>

**Almeida, Jorge; Klíma, Ondřej. Representations of relatively free profinite semigroups, irreducibility, and order primitivity : [review]**

**Henno, Jaak** Zentralblatt MATH 2020 / 1 p <https://zbmath.org/?q=an%3A1443.20085>

**Altered calcium handling in cardiomyocytes from arginine-glycine amidinotransferase-knockout mice is rescued by creatine**

**Laasmaa, Martin; Branovets, Jelena; Barsunova, Karina; Karro, Niina; Lygate, Craig A.; Birkedal Nielsen, Rikke; Vendelin, Marko** American journal of physiology-heart and circulatory physiology 2020 / p. H805-H825 <https://doi.org/10.1152/ajpheart.00300.2020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Alternative financing and the non-performing loans of the corporate sector in Estonia [Online resource]**

**Kukk, Merike; Levenko, Natalia** 2020 <https://doi.org/10.23656/25045520/062020/0180> [https://www.ester.ee/record=b5382412\\*est](https://www.ester.ee/record=b5382412*est)

**Aluminum matrix composites reinforced with metallic glass particles with core-shell structure**

**Guana, H.D.; Lia, C.J.; Gao, P.; Prashanth, Konda Gokuldoss** Materials science and engineering : A 2020 / art. 138630, 5 p. : ill <https://doi.org/10.1016/j.msea.2019.138630> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Ambitsioonikad taristueesmärgid - kas nende realiseerimiseks jagub ka ressursse?**

**Kendra, Ain** Transport ja Teed 2020 / lk. 33-34 [http://www.ester.ee/record=b1073099\\*est](http://www.ester.ee/record=b1073099*est)

**Ameerika keskus ja Põhja-Ameerika ülikoolide teabekseks Tallinna Tehnikaülikoolis kutsuvad osalema**

Õpetajate Leht 2020 / Lk. 10 [https://www.ester.ee/record=b1072753\\*est](https://www.ester.ee/record=b1072753*est)

**Amet palus TTÜ teadlased appi maske hindama**

Jõesaar, Tuuli Eesti Päevaleht 2020 / Lk. 6 [https://www.ester.ee/record=b1072079\\*est](https://www.ester.ee/record=b1072079*est)

### **Ametist lahkuv Valdur Laid: maksu- ja tolliameti karmim pool peab jääma**

Eesti Päevaleht 2020 / Lk. 10-11 : portr <https://dea.digar.ee/article/eestipaevaleht/2020/09/14/10.3>

### **Amino acids are key substrates to Escherichia coli BW25113 for achieving high specific growth rate**

**Maser, Andres; Peebo, Karl;** Vilu, Raivo; **Nahku, Ranno** Research in microbiology 2020 / p. 185–193

<https://doi.org/10.1016/j.resmic.2020.02.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Amyloid-beta PET and CSF in an autopsy-confirmed cohort**

**Reimand, Juhan;** Boon, Baayla D.C.; Collij, Lyduine E.; Teunissen, Charlotte E.; Rozemuller, Annemieke J.M.; Van Berckel, Bart N.M.; Scheltens, Philip; Ossenkoppele, Rik; Bouwman, Femke Annals of clinical and translational neurology 2020 / p. 2150–2160

<https://doi.org/10.1002/acn3.51195> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **An enhanced lightweight authentication scheme for secure access to cloud data**

Hammami, Hamza; Obaidat, Mohammad S.; **Ben Yahia, Sadok** Proceedings of the 17th International Joint Conference on e-Business and Telecommunications, ICETE 2020 - Volume 3: ICE-B, Lieusaint, Paris, France, July 8-10, 2020 2020 / p. 110-117

<https://doi.org/10.5220/0009824301100117>

### **An EU legal framework to halt and reverse EU-driven global deforestation: European added value assessment**

**Evas, Tatjana;** Heflich, Aleksandra; Navarra, Cecilia 2020

[https://www.europarl.europa.eu/RegData/etudes/STUD/2020/654174/EPRS\\_STU\(2020\)654174\\_EN.pdf](https://www.europarl.europa.eu/RegData/etudes/STUD/2020/654174/EPRS_STU(2020)654174_EN.pdf) <https://doi.org/10.2861/30417>

### **Analüüs : Eesti hoonefondi kaasajastamine nõuab 24 miljardit eurot [Võrguväljaanne]**

Oidermaa, Jaan-Juhan; **Kurnitski, Jarek** novaator.err.ee 2020 / fot [Analüüs: Eesti hoonefondi kaasajastamine nõuab 24 miljardit eurot](#)

### **Analyses of non-coding somatic drivers in 2,658 cancer whole genomes**

Rheinbay, Esther; Nielsen, Morten Muhlig; Abascal, Federico; Wala, Jeremiah A.; Shapira, Ofer; Tiao, Grace; Homshøj, Henrik; Hess, Julian M.; Juul, Randi Istrup; **Uusküla-Reimand, Liis** Nature 2020 / 10 p. : ill <https://doi.org/10.1038/s41586-020-1965-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Analysing the Fundamental Rights Messiah**

**Hamulak, Ondrej** Czech yearbook of public and private international law ; 11 2020 / p. 515-519 <https://rozkotova.cld.bz/CYL-vol-11-2020/514/>

### **Analysis and optimization of the provision of reactive power by nanogrids in a low voltage network**

**Helguero Cruz, Jorge Luis** 19th International Symposium "Topical problems in the field of electrical and power engineering.

Doctoral school of energy and geotechnology. III" : Tartu, Estonia, January 14-17, 2020 2020 / p. 155-156

[https://www.ester.ee/record=b5291755\\*est](https://www.ester.ee/record=b5291755*est) <https://www.digar.ee/viewer/en/nlib-digar:425642/361332/page/201>

### **Analysis of barrier inhomogeneities of P-type Al/4H-SiC Schottky barrier diodes**

**Ziko, Mehadi Hasan;** Koel, Ants; Rang, Toomas; **Toompuu, Jana** Silicon Carbide and Related Materials 2019 : Selected peer-reviewed papers from International Conference on Silicon Carbide and Related Materials 2019 (ICSCRM 2019), September 29 -

October 4, 2019, Kyoto, Japan Materials science forum 2020 / p. 960-972 <https://doi.org/10.4028/www.scientific.net/MSF.1004.960>

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

### **Analysis of causes of the end of service life of a spray polyurethane foam and polyurea roof**

**Kalamees, Targo;** Ilomets, Simo; Põldaru, Mattias; Klõšeiko, Paul; Kallavus, Urve; **Rosenberg, Margit;** Õiger, Karl E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 15002,

6 p. : ill <https://doi.org/10.1051/e3sconf/202017215002> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Analysis of psychoactive compounds in oral fluid by capillary electrophoresis = Psühhoaktiivsete ühendite analüüs süljes kapillaarelektroforeesi meetodil**

**Saar-Reismaa, Piret** 2020 <https://digikogu.taltech.ee/et/Item/b7a6fb1d-5df0-4250-afd4-8323e65f3b5c> [kookuvõte: Uudne narkotester leiab Eesti enim levinud uimastid veerand tunniga / novaator.err.ee](#)

### **Analysis of total phenols, sugars, and mineral elements in colored tubers of solanum tuberosum l.**

**Saar-Reismaa, Piret;** Kotkas, Katrin; Rosenberg, Viive; Kulp, Maria; Kuhtinskaja, Maria; **Vaher, Merike** Foods 2020 / art. 1862

<https://doi.org/10.3390/foods9121862> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Analysis of ventilation load flexibility depending on indoor climate conditions**

**Maask, Vahur;** Häring, Tobias; Ahmadihangar, Roya; Rosin, Argo; **Korõtko, Tarmo** 2020 IEEE International Conference on Industrial Technology, Buenos Aires Institute of Technology (ITBA) Buenos Aires, Argentina, 26-28 February, 2020 : proceedings

2020 / p. 607-612 <https://doi.org/10.1109/ICIT45562.2020.9067153> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Analyzing candidate speaking time in Estonian Parliament election debates**

**Talts, Siim;** **Alumäe, Tanel** DHN 2020 : Digital Humanities in the Nordic Countries : proceedings of the Digital Humanities in the Nordic Countries 5th Conference : Riga, Latvia, October 21-23, 2020 2020 / p. 351–363 <http://ceur-ws.org/Vol-2612/short22.pdf>

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

### Analyzing eID public acceptance and user preferences for current authentication options in Estonia

**Tsap, Valentyna; Lips, Silvia; Draheim, Dirk** Electronic Government and the Information Systems Perspective : 9th International Conference, EGOVIS 2020, Bratislava, Slovakia, September 14-17, 2020 : proceedings 2020 / p. 159-173 [https://doi.org/10.1007/978-3-030-58957-8\\_12](https://doi.org/10.1007/978-3-030-58957-8_12) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

### Analyzing the fulfillment of daylight and overheating requirements in residential and office buildings in Estonia

**Sepulveda Luque, Abel; De Luca, Francesco; Thalfeldt, Martin; Kurnitski, Jarek** Building and environment 2020 / art. 107036, 12 p <https://doi.org/10.1016/j.buildenv.2020.107036> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### An analytic model for fault diagnosis in power distribution systems considering unreliable alarms

Wang, Chongyu; Pang, Kaiyuan; Zhang, Yong; **Wen, Fushuan; Palu, Ivo**; Xiong, Wen; Chen, Minghui; Shang, Huiyu 2020 IEEE Power & Energy Society General Meeting (GM 2020) 2020 / 5 I <https://doi.org/10.1109/PESGM41954.2020.9281468>

### Analytical approach to investigate the effect of gas channel draft angle on the performance of PEMFC and species distribution

**Ahmadi, Nima; Kõrgesaar, Mihkel** International journal of heat and mass transfer 2020 / art. 119529 <https://doi.org/10.1016/j.ijheatmasstransfer.2020.119529> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Analytical thermal model and flow network analysis suitable for open self-ventilated machines

**Shams Ghahfarokhi, Payam; Kallaste, Ants; Belahcen, Anouar; Vaimann, Toomas** IET Electric Power Applications 2020 / p. 929-936 : ill <https://doi.org/10.1049/iet-epa.2019.1020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### ANAMMOX-denitrification biomass in microbial fuel cell to enhance the electricity generation and nitrogen removal efficiency

Zekker, Ivar; Bhowmick, Gourav Dhar; Priks, Hans; Nath, Dibyojyoty; Rikmann, Ergo; **Jaagura, Madis** Biodegradation 2020 / p. 249 - 264 <https://doi.org/10.1007/s10532-020-09907-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Andekus pole raisata!

Eesti Ekspress 2020 / Lk. 11 <https://dea.digar.ee/article/eestiekspress/2020/09/02/10.14>

### Andmepõhine muutuste juhtimine

**Masso, Anu**; Vihalemm, Triin; **Saarniit, Leno** Kuidas mõista andmestunud maailma? : metodoloogiline teejuht 2020 / lk. 41-69 [https://www.ester.ee/record=b5388794\\*est](https://www.ester.ee/record=b5388794*est)

### Andmete peitmine toob ohvreid

**Soomere, Tarmo** Postimees 2020 / lk. 14 [https://www.ester.ee/record=b1072778\\*est](https://www.ester.ee/record=b1072778*est) <https://leht.postimees.ee/6940401/tarmo-soomere-andmete-peitmine-toob-inimohvreid>

### Anname süsinikufondi raha idudele

**Simson, Taavi** Äripäev 2020 / Lk. 12 : portr [https://www.ester.ee/record=b2122331\\*est](https://www.ester.ee/record=b2122331*est)

### Annual report 2019 / TalTech

2020 [https://www.ester.ee/record=b1968466\\*est](https://www.ester.ee/record=b1968466*est)

### Anticancer Effect of the Iridoid Glycoside Fraction from *Dipsacus fullonum* L. Leaves

**Kuhtinskaja, Maria; Bragina, Olga; Kulp, Maria; Vaher, Merike** Natural product communications 2020 / p. 1-6 <https://doi.org/10.1177/1934578X20951417> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at Scopus](#) [Article at WOS](#)

### Anticipation, abduction and the economy of research : the normative stance

**Chiffi, Daniele; Pietarinen, Ahti-Veikko; Proover, Marika** Futures 2020 / art. 102471, 9 p <https://doi.org/10.1016/j.futures.2019.102471> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Anticipatory innovation governance : Shaping the future through proactive policy making

**Tõnurist, Piret**; Hanson, Angela 2020 <https://doi.org/10.1787/cce14d80-en>

### Apolipoprotein C-II : the re-emergence of a forgotten factor

Wolska, Anna; **Reimund, Mart**; Remaley, Alan T. Current opinion in lipidology 2020 / p. 147-153 <https://doi.org/10.1097/MOL.0000000000000680> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Application of Differentiated SH-SY5Y Cells for Toxicological Studies of Alzheimer's Amyloid Beta Peptide = Diferentseeritud SH-SY5Y rakkude kasutamine Alzheimeri amüloid beeta peptiidi toksilisuse uurimiseks

**Krištál, Jekaterina** 2020 <https://digikogu.taltech.ee/et/Item/8aef400a-e1ff-4803-a0da-fc2d97c8d451>

### **Application of diffuse reflectance spectroscopy for quick laboratory assessment of Estonian oil shale quality**

**Tufail, Iram**; Paris, Peeter; Jõgi, Indrek; **Riisalu, Hella** Proceedings of the Estonian Academy of Sciences 2020 / p. 134-142 : ill  
<https://doi.org/10.3176/proc.2020.2.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Application of Haar wavelet based methods for solving wave propagation problems**

**Ratas, Mart**; Jena, S.K.; Chakraverty, S. AIP conference proceedings 2020 <https://doi.org/10.1063/5.0026696> [Conference proceeding at Scopus](#) [Article at Scopus](#)

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

**Ratas, Mart; Salupere, Andrus** Mathematical modelling and analysis 2020 / p. 271-288 <https://doi.org/10.3846/mma.2020.11112>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Application of HoHWM in the stability analysis of nonlocal Euler-Bernoulli beam**

Jena, Subrat Kumar; Chakraverty, Snehashish; **Ratas, Mart; Kirs, Maarjuss** International Conference of Numerical Analysis and Applied Mathematics ICNAAM 2019 : 23–28 September 2019 Rhodes, Greece 2020 / art. 230003 <https://doi.org/10.1063/5.0026439>  
[Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Application of machine learning for assessment of HS code correctness**

**Spitšakova, Margarita; Haav, Hele-Mai** Baltic journal of modern computing 2020 / p. 698-718  
<https://doi.org/10.22364/bjmc.2020.8.4.13> [Journal Metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Application of the UHPLC-DIA-HRMS method for determination of cheese peptides**

**Arju, Georg**; Taivosalo, Anastassia; **Pismennõi, Dmitri; Lints, Taivo; Vilu, Raivo**; Daneberga, Zanda; Vorslova, Svetlana; Renkonen, Risto; Joenvaara, Sakari Foods 2020 / art. 979, 11 p. : ill <https://doi.org/10.3390/foods9080979> [Journal metrics at Scopus](#)  
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Application of ultrasonic sprayed zirconium oxide dielectric in zinc tin oxide-based thin film transistor**

**Oluwabi, Abayomi Titilope; Katerski, Atanas**; Carlos, Emanuel; Branquinho, Rita; **Mere, Arvo; Krunks, Malle**; Fortunato, Elvira; Pereira, Luis; **Oja Acik, Ilona** Journal of materials chemistry C 2020 / p. 3730-3739 : ill <https://doi.org/10.1039/C9TC05127A> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Applications of game theory to design and operation of modern power systems: a comprehensive review**

Navon, Aviad; Yosef, Gefen Ben; Machlev, Ram; Shapira, Shmuel; Chowdhury, Nilanjan Roy; **Belikov, Juri**; Orda, Ariel; Levron, Yoash Energies 2020 / art. 3982, 34 p <https://doi.org/10.3390/en13153982> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Applied machine learning methods in microgrid simulations**

**Häring, Tobias** 19th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Tartu, Estonia, January 14-17, 2020 2020 / p. 151-152 : ill [https://www.ester.ee/record=b5291755\\*est](https://www.ester.ee/record=b5291755*est)

### **Applying the morphogenetic perspective for the analysis of Estonian social transformations**

**Masso, Anu**; Lauristin, Marju; Opermann, Signe; Kalmus, Veronika Researching Estonian transformation : morphogenetic reflections 2020 / p. 1-31 [https://www.ester.ee/record=b5342716\\*est](https://www.ester.ee/record=b5342716*est) <https://www.tyk.ee/sotsioloogia/00000012967>

### **An approach to analyze the performance of advanced manufacturing environment**

**Mahmood, Kashif; Otto, Tauno; Golova, Jelena; Kangru, Tavo; Kuts, Vladimir** Procedia CIRP 2020 / p. 628–633  
<https://doi.org/10.1016/j.procir.2020.04.042> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Aquatic exercise**

Gobbi, Michele; Aquiri, Andrea; **Monoli, Cecilia** Rehabilitation interventions in the patient with obesity 2020 / p. 35-50  
[https://doi.org/10.1007/978-3-030-32274-8\\_3](https://doi.org/10.1007/978-3-030-32274-8_3)

### **Architecture museum hosts exhibition of noted Estonian-Americans' work**

Eesti Elu : [Kanada ajaleht] 2020 / p. 9 : ill

### **Are environmental sustainability and happiness the keys to prosperity in Asian nations?**

Kaklauskas, Arturas; Dias, W.P.S.; Binkyte-Veliene, Arune; Abraham, A.; **Ubarde, Ieva**; Randil, O.P.C.; **Lill, Irene; Puust, Raido** Ecological indicators 2020 / art. 106562, 33 p <https://doi.org/10.1016/j.ecolind.2020.106562> [Journal metrics at Scopus](#) [Article at Scopus](#)  
[Journal metrics at WOS](#) [Article at WOS](#)

### **An area aware accelerator for elliptic curve point multiplication**

**Imran, Malik; Pagliarini, Samuel Nascimento**; Rashid, Muhammad Haroon 27th IEEE International Conference on Electronics Circuits and Systems, (ICECS) 2020, Glasgow, UK, Virtual Conference, November 23-25, 2020 : proceedings 2020 / 4 p  
<https://doi.org/10.1109/ICECS49266.2020.9294908>

### **Areng Nurkse juhtumi uurimises. TTÜ keskastmejuht võltsis mitu korda professori allkirja**

Kund, Oliver Eesti Päevaleht 2020 / Lk. 7 : ill <https://dea.digar.ee/article/eestipaevaleht/2020/09/17/9.3>

### **Arengufond on kindlaim sild ettevõtete ja tulevaste spetsialistide vahel**

Kundrats, Karel Mente et Manu 2020 / lk. 34-35 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)  
<https://dea.digar.ee/article/AKmentetmanu/2020/09/0/13.1>

### **Armsad vennad!**

Popov, Aleksandr Fraater : korporatsioon Fraternitas Estica ajakiri 2020 / lk. 3 : portr [https://www.ester.ee/record=b4640794\\*est](https://www.ester.ee/record=b4640794*est)

### **Array programming with NumPy**

Harris, Charles R.; Millman, K. Jarrod; van der Walt, Stefan J.; Peterson, Pearu Nature 2020 / p. 357-362  
<https://doi.org/10.1038/s41586-020-2649-2> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Arterite jäikus ja kardiovaskulaarne risk**

Piit, Kristjan; Viigimaa, Margus Lege Artis : ajakiri Eesti arstidele 2020 / lk. 47-50 : ill [https://www.ester.ee/record=b1575283\\*est](https://www.ester.ee/record=b1575283*est)  
<https://www.med24.ee/ajakirjad/legeartis/aprill-2020/arterite-j%C3%A4ikus-ja-kardiovaskulaarne-risk>

### **Artificial intelligence and education**

Jaakkola, Hannu; Henno, Jaak; Lahti, J-P.; Järvinen, Raimo; Mäkeläinen, Jukka 2020 43rd International Convention on Information, Communication and Electronic Technology (MIPRO), 28 Sept.-2 Oct. 2020, Opatija, Croatia : proceedings 2020 / p. 548-555  
<https://doi.org/10.23919/MIPRO48935.2020.9245329>

### **Artificial intelligence and its effect on labour relations**

Joamets, Kristi; Chochia, Archil Journal of Law 2020 / p. 384-401 ["Journal of Law"](https://www.ester.ee/record=b1575283*est)

### **Artificial intelligence and its impact on labour relations in Estonia**

Joamets, Kristi; Chochia, Archil Slovak journal of political sciences 2020 / p. 255-277 <https://doi.org/10.34135/sjps.200204> Journal metrics at Scopus Article at Scopus

### **Artificial intelligence and the GDPR : Inevitable nemeses?**

Kesa, Aleksandr; Kerikmäe, Tanel TalTech journal of European studies 2020 / p. 68-90 <https://doi.org/10.1515/bjes-2020-0022>  
[https://content.sciendo.com/view/journals/bjes/bjes-overview.xml?tab\\_body=latestIssueToc-79907](https://content.sciendo.com/view/journals/bjes/bjes-overview.xml?tab_body=latestIssueToc-79907) [https://www.ester.ee/record=b5290032\\*est](https://www.ester.ee/record=b5290032*est)  
Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Artificial intelligence in monitoring and diagnostics of electrical energy conversion systems**

Vaimann, Toomas; Rassõlkin, Anton; Kallaste, Ants; Pomarnacki, Raimondas; Belahcen, Anouar; Van Khang, Hyunh 2020 27th International Workshop on Electric Drives: MPEI Department of Electric Drives 90th Anniversary (IWED), Moscow, Russia, January 27-30, 2020 2020 / 4 p <https://doi.org/10.1109/IWED48848.2020.9069566>

### **Arvamusi akadeemikutelt : Dimitri Kaljo**

Kaljo, Dimitri Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2019 2020 / lk. 107 [https://www.ester.ee/record=b1218094\\*est](https://www.ester.ee/record=b1218094*est)

### **Arvutid toodi Eestisse õhinal**

Tõugu, Enn Akadeemia 2020 / lk. 787-798 [https://www.ester.ee/record=b1071914\\*est](https://www.ester.ee/record=b1071914*est)

### **ASAT weapons : enhancing NATO's operational capabilities in the emerging space dependent era**

Carlo, Antonio; Veazoglou, Nikolaos Modelling and Simulation for Autonomous Systems : 6th International Conference, MESAS 2019, Palermo, Italy, October 29-31, 2019, Revised Selected Papers 2020 / p. 417-426 [https://doi.org/10.1007/978-3-030-43890-6\\_34](https://doi.org/10.1007/978-3-030-43890-6_34)

### **Asfaldiliit sai uue juhatuse**

Ehitaja 2020 / lk. 10 : fot [https://www.ester.ee/record=b1072123\\*est](https://www.ester.ee/record=b1072123*est) <https://digikogu.taltech.ee/et/Item/a27fa3b0-1d38-4027-82f0-0bb965158cd2>

### **Asjad, millest keskkoolis ei räägitud**

Abe, Doris Studioosus 2020 / lk. 44-45 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

### **ASO author reflection : isolated limb infusion for locally advanced melanoma in the extremely old patient is safe and effective**

Teras, Jüri; Kroon, Hidde M.; Zager, Jonathan S. Annals of surgical oncology 2020 / p. 1430-1431 <https://doi.org/10.1245/s10434-020-08314-y> <https://link.springer.com/article/10.1245/s10434-020-08314-y> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Assessment of 3D printed steels and composites intended for wear applications in abrasive, dry or slurry erosive conditions**

Kumar, Rahul, 1993-; Antonov, Maksim; Beste, U.; Goljandin, Dmitri International journal of refractory metals and hard materials

2020 / art. 105126, 9 p. : ill <https://doi.org/10.1016/j.ijrmhm.2019.105126> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Assessment of the economic regulation of network industries : oil shale value chain in Estonia**

**Uukkivi, Raigo; Koppel, Ott** Oil shale 2020 / p. 158-176 : ill <https://doi.org/10.3176/oil.2020.2.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Assessment of the use of artificial intelligence to support public services : methodology and roadmap**

Veenstra, Anne Fleur van; Bodea, Gabriela; Timan, Tjerk; Misuraca, Gianluca; **Noordt, Colin Pascal van** EGOV-CeDEM-ePart-\* 2020 : Ongoing Research, Practitioners, Posters, Workshops, and Projects at EGOV-CeDEM-ePart 2020 2020 / p. 359 - 361 <https://ceur-ws.org/Vol-2797/paper37.pdf> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Association between optical signal derived aortic augmentation index and cardiovascular risk factors in healthy volunteers**

**Pikta, Marika; Viigimaa, Margus; Pilt, Kristjan; Kõõts, Kristina; Meigas, Kalju** Reports on global health research 2020 / art. 119, 8 p. : ill <https://doi.org/10.29011/rghr-119.100019> <https://www.gavinpublishers.com/article/view/association-between-optical-signal-derived-aortic-augmentation-index-and-cardiovascular-risk-factors-in-healthy-volunteers>

**Association of amyloid- $\beta$  CSF/PET discordance and tau load 5 years later**

**Reimand, Juhan;** Collij, Lyduine E.; Scheltens, Philip Neurology 2020 / p. e2648-e2657 : ill <https://doi.org/10.1212/WNL.00000000000010739> <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7963352/> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Asymmetric synthesis with titanacyclopropane reagents : From early results to the recent achievements**

Konik, Yulia A.; **Kananovich, Dzmitry** Tetrahedron letters 2020 / art. 152036, 12 p. : ill <https://doi.org/10.1016/j.tetlet.2020.152036> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Attribute evaluation on attack trees with incomplete information**

**Buldas, Ahto;** Gadyatskaya, Olga; **Lenin, Aleksandr; Mauw, Sjouke; Trujillo-Rasua, Roland** Computers & Security 2020 / art. 101630, 17 p. : ill <https://doi.org/10.1016/j.cose.2019.101630> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**August Komendandi kultusteose tõlkija: meie töö on hästi tehtud, kui meid ei märgata [Võrguväljaanne]**

Aareleid, Epp kultuur.err.ee 2020 / fot [August Komendandi kultusteose tõlkija: meie töö on hästi tehtud, kui meid ei märgata](#)

**August Komendandi pärandi näitusel joonistub pilt insenerist, aga ka jõulisest isiksusest [Võrguväljaanne]**

Õunapuu, Janet kultuur.err.ee 2020 / fot [August Komendandi pärandi näitusel joonistub pilt insenerist, aga ka jõulisest isiksusest](#)

**Auku laevakeres pidi näitama juba 1994. aasta sukeldumine. Aga videod on (igaveseks?) kadunud**

Voog, Viljar; Pärj, Hindrek; Riik, Marvel Õhtuleht 2020 / Lk. 4-5 : fot <https://dea.digar.ee/article/ohutuleht/2020/09/30/3.6>

**Author correction: A global database for metacommunity ecology, integrating species, traits, environment and space (Scientific Data, (2020), 7, 1, (6), 10.1038/s41597-019-0344-7)**

Jeliazkov, Alienor; Mijatovic, Darko; Chantepie, Stéphane; Andrew, Nigel; Arlettaz, Raphaël; Barbaro, Luc; Barsoum, Nadia; Bartonova, Alena; **Reitalu, Triin** Scientific Data 2020 / Art. 79 <https://doi.org/10.1038/s41597-020-0420-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Author Correction: Retrospective evaluation of whole exome and genome mutation calls in 746 cancer samples (Nature Communications, (2020), 11, 1, (4748), 10.1038/s41467-020-18151-y)**

Bailey, Matthew H.; Meyerson, William U.; Dursi, Lewis Jonathan; Wang, Liang-Bo; Dong, Guanlan; Liang, Wen-Wei; Weerasinghe, Amila; Li, Shantao; Li, Yize; **Uusküla-Reimand, Liis** Nature Communications 2020 / Art. nr. 6232 <https://doi.org/10.1038/s41467-020-20128-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Author Correction: SciPy 1.0 : fundamental algorithms for scientific computing in Python (Nature Methods, (2020), 17, 3, (261-272), 10.1038/s41592-019-0686-2)**

Virtanen, Pauli; Gommers, Ralf; Oliphant, Travis E.; Haberland, Matt; Reddy, Tyler; Cournapeau, David; Burovski, Evgeni; **Peterson, Pearu;** Weckesser, Warren; Bright, Jonathan Nature Methods 2020 / p. 352 <https://doi.org/10.1038/s41592-020-0772-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

**Automating detection of occurrences of PostgreSQL database design problems**

**Eessaar, Erki** Databases and Information Systems : 14th International Baltic Conference, DB&IS 2020, Tallinn, Estonia, June 16-19, 2020 : Proceedings 2020 / p. 176-189 [https://doi.org/10.1007/978-3-030-57672-1\\_14](https://doi.org/10.1007/978-3-030-57672-1_14) [Conference proceeding at Scopus](#) [Article at Scopus](#)

**Automatization of cross-border customs declaration : potential and challenges : a case study of the Estonian customs authority**

**Liutkevičius, Markko; Pappel, Karl Ivory; Butt, Sidra Azmat; Pappel, Ingrid** Electronic Government : 19th IFIP WG 8.5 International Conference, EGOV 2020, Linköping, Sweden, August 31 - September 2, 2020 : proceedings 2020 / p. 96-109 [https://doi.org/10.1007/978-3-030-57599-1\\_8](https://doi.org/10.1007/978-3-030-57599-1_8) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

#### **Autonomous last mile shuttle ISEAUTO for education and research**

**Sell, Raivo; Leier, Mairo; Rassõlkin, Anton; Ernits, Juhan-Peep** International journal of artificial intelligence and machine learning 2020 / p. 18-30 <https://doi.org/10.4018/IJAIML.2020010102>

#### **Autoärimees Väino Kaldoja elutöö hind oli üle 50 miljoni**

Ruuda, Lennart Postimees 2020 / Lk. 12 : portr. <https://dea.digar.ee/article/postimees/2020/10/19/12.8>

#### **Awareness of BSR municipalities about sustainable urban lighting and green public procurements**

**Korõtko, Tarmo; Rosin, Argo; Varjas, Toivo; Ahmadiyahangar, Roya** 2020 IEEE International Conference on Environment and Electrical Engineering and 2020 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe), Madrid, Spain, 9-12 June 2020 : proceedings 2020 / 6 p. : ill <https://doi.org/10.1109/EEEIC/ICPSEurope49358.2020.9160761>

#### **Avastamas lõunapoolkera teaduste akadeemiaid**

**Soomere, Tarmo** Eesti Teaduste Akadeemia sõnas ja pildis 2019 2020 / lk. 62-67 : ill

#### **Avastame Läänemerd**

Soidra, Kristel Õpetajate Leht 2020 / Lk. 10 <https://dea.digar.ee/article/opetajateleht/2020/09/11/9.3>

#### **Avasõna**

**Roosileht, Mare** 2020 / lk. 4 [https://www.ester.ee/record=b2666429\\*est](https://www.ester.ee/record=b2666429*est)

#### **Avatud ja hägus : tärkavate disainipraktikate kaardistamine [Võrguteavik]**

**Melioranski, Ruth-Helene; Pärn, Martin** 2020 [https://www.ester.ee/record=b5449374\\*est](https://www.ester.ee/record=b5449374*est)

#### **Avatud on uus virtuaal- ja liitreaalsuse tehnoloogiatele spetsialiseerunud keskus**

**Ääremaa, Andres** Mente et Manu 2020 / lk. 47 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est) <https://dea.digar.ee/article/AKmentetmanu/2020/09/0/18.1>

#### **Bacterial communities associated with healthy and diseased (skeletal growth anomaly) reef coral Acropora cytherea from Palk Bay, India**

Rajasabapathy, Raju; **Ramasamy, Kesava Priyan**; Manikandan, Balakrishnan; Mohandass, Chellandi; James, Rathinam Arthur Frontiers in marine science 2020 / art. 92, 8 p. : ill <https://doi.org/10.3389/fmars.2020.00092> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Bakterid - kas uus võimalus rasvumisega võitlemiseks?**

**Liebert, Tiit** Postimees 2020 / lk. 6-7 [https://www.ester.ee/record=b1072778\\*est](https://www.ester.ee/record=b1072778*est)

#### **Bakterite imeline maailm; 1. osa**

Lelumees, Siiri Kodutohter 2020 / lk. 30-33 : ill [http://www.ester.ee/record=b1072381\\*est](http://www.ester.ee/record=b1072381*est)

#### **Baltic DB&IS 2020 Conference Forum and Doctoral Consortium co-located with the 14th International Baltic Conference on Databases and Information Systems (BalticDB&IS 2020) Tallinn, Estonia, June 16-19, 2020 : proceedings**

2020 <http://ceur-ws.org/Vol-2620/xpreface.pdf> <http://ceur-ws.org/Vol-2620/>

#### **Baltic Journal of Modern Computing**

#### **Selected Papers from the 14th International Baltic Conference on Databases and Information Systems**

2020 [https://www.bjmc.lv/fileadmin/user\\_upload/lu\\_portal/projekti/bjmc/Contents/8\\_4\\_07a\\_DB\\_IS.pdf](https://www.bjmc.lv/fileadmin/user_upload/lu_portal/projekti/bjmc/Contents/8_4_07a_DB_IS.pdf)

#### **Baltic Sea operational oceanography — a stimulant for regional earth system research**

She, Jun; Meier, H.E. Markus; Darecki, Mirosław; Goringe, Patrick; Huess, Vibeke; **Kõuts, Tarmo**; Reissmann, Jan Hinrich; Tuomi, Laura Frontiers in Earth Science 2020 / art. 7 <https://doi.org/10.3389/feart.2020.00007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Baltic Sea water tritium and stable isotopes in 2016-2017**

Jefanova, Olga; Mažeika, Jonas; Petrošius, Rimantas; Skuratovič, Žana; Paškauskas, Ričardas; **Martma, Tõnu; Liblik, Taavi**; Ezhova, Elena Isotopes in environmental and health studies 2020 / p. 193-204 <https://doi.org/10.1080/10256016.2020.1715969> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Banking sector concentration, competition and financial stability : the case of the Baltic countries**

**Cuestas, Juan Carlos**; Lucotte, Yannick; **Reigl, Nicolas Andreas** Post-communist economies 2020 / p. 215-249 : ill

**Banks' CSR reporting – do women have a say?**

Tapver, Triinu; Laidroo, Laivi; Gurvits-Suits, Natalie Aleksandra Corporate governance 2020 / p. 639–651

<https://doi.org/10.1108/CG-11-2019-0338> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Banks' CSR reporting – do women have a say? : [conference paper]**

Tapver, Triinu; Laidroo, Laivi; Gurvits-Suits, Natalie Aleksandra Estonian Economic Association (EMS) 15th Annual Conference 23.-24.01.2020 2020 / 14 p <https://drive.google.com/drive/folders/1eJ-yxzRA9Dccthe33xPPODitqahSguyM>

**Basin-wide variations in trends in water level maxima in the Baltic Sea**

Pindsoo, Katri; Soomere, Tarmo Continental shelf research 2020 / art. 104029 ; 12 p <https://doi.org/10.1016/j.csr.2019.104029>

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

**Bayesian reconstruction of past land cover from pollen data : model robustness and sensitivity to auxiliary variables**

Pirzamanbein, Behnaz; Poska, Anneli; Lindström, Johan Earth and Space Science 2020 / Art. e2018EA00057

<https://doi.org/10.1029/2018EA000547> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Bearing fault analysis of BLDC motor for electric scooter application**

Kudelina, Karolina; Asad, Bilal; Vaimann, Toomas; Belahcen, Anouar; Rassõlkin, Anton; Kallaste, Ants; Lukichev, Dmitry Designs 2020 / art. 42, 18 p. : ill <https://doi.org/10.3390/designs4040042> Journal metrics at Scopus Article at Scopus

**Bedload transport measurement in a Japanese gravel river using synchronized hydrodynamic and hydroacoustic pressure sensing**

Tsubaki, R.; Fuentes-Perez, Juan Francisco; Kawamura, S.; Tuhtan, Jeffrey Andrew; Sumitomo, K. River Flow 2020 Proceedings of the 10th Conference on Fluvial Hydraulics (Delft, Netherlands, 7-10 July 2020): River Flow 2020, Online, 7-10 July 2020 2020 / p. 1476-1482 <https://doi.org/10.1201/b22619>

**Behaviour of tungsten alloy with iron and nickel under repeated high temperature plasma pulses**

Laas, T.; Laas, K.; Paju, J.; Priimets, Jaanis; Tõkke, Siim; Väli, B.; Shirokova, Veronika; Antonov, Maksim; Gribkov, V.A.; Demina, E.V.; Pimenov, V.N.; Paduch, M.; Matulka, R.; Akel, M. Fusion engineering and design 2020 / art. 111408

<https://doi.org/10.1016/j.fusengdes.2019.111408> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Benchmarking computational methods and influence of guest conformation on chirogenesis in zinc porphyrin complexes**

Osadchuk, Irina; Borovkov, Victor; Aav, Riina; Clot, Eric Physical chemistry chemical physics 2020 / p. 11025–11037

<https://doi.org/10.1039/D0CP00965B> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Bending and pull-out tests on a novel screw type reinforcement for extrusion-based 3D printed concrete**

Hass, Lauri; Bos, Freek Second RILEM International Conference on Concrete and Digital Fabrication : Digital Concrete 2020 2020 / p. 632-645 : ill [https://doi.org/10.1007/978-3-030-49916-7\\_64](https://doi.org/10.1007/978-3-030-49916-7_64) Journal metrics at Scopus Article at Scopus

**Berberine, a popular dietary supplement for human and animal health : quantitative research literature analysis – a review**

Yeung, Andy Wai Kan; Orhan, Ilkay Erdogan; Aggarwal, Bharat Bhushan; Battino, Maurizio; Belwal, Tarun; Bishayee, Anupam; Daglia, Maria; Devkota, Hari Prasad; El-Demerdash, Amr; Balacheva, Aneliya A.; Georgieva, Maya G.; Gupta, Vijai Kumar Animal Science Papers and Reports 2020 / p. 5-19

<https://www.igbzpan.pl/uploaded/FSiBundleContentBlockBundleModelTranslatableBlockTranslatableFilesElement/filePath/1583/str5-20.pdf> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Besicovitch pseudodistances with respect to non-Følner sequences**

Capobianco, Silvio; Guillon, Pierre; Nous, Camille HAL archives 2020 / hal-02566187, 15 p <https://hal.archives-ouvertes.fr/hal-02566187>

**Best of both worlds? Independent lists and voter turnout in local elections**

Tavares, Antonio; Raudla, Ringa; Silva, Tiago Journal of urban affairs 2020 / p. 955-974

<https://doi.org/10.1080/07352166.2019.1623682> Journal metrics at Scopus Article at Scopus

**Beta assertive graphs**

Bellucci, Francesco; Chiffi, Daniele; Pietarinen, Ahti-Veikko Diagrammatic representation and inference : 11th International Conference, Diagrams 2020, Tallinn, Estonia, August 24–28, 2020 : proceedings 2020 / p. 525-529 [https://doi.org/10.1007/978-3-030-54249-8\\_49](https://doi.org/10.1007/978-3-030-54249-8_49) Conference proceedings at Scopus Article at Scopus Conference proceedings at WOS Article at WOS

**Betoon ja asfalt Eesti teedehituses**

Kendra, Ain EhitusEST 2020 / lk. 22-23 : ill [https://www.ester.ee/record=b4442657\\*est](https://www.ester.ee/record=b4442657*est) <https://ehitusest.ee/uudis/2020/08/31/betoon-ja-asfalt-eesti-teedehituses/>

### **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)

### **Betoonivõlur Komendant tegi Ülemiste muruplatsist moodsa lennuvälja**

Erelt, Pekka Eesti Ekspress 2020 / Lk. 36-37 : ill <https://ekspress.delfi.ee/ajalugu/betoonivolur-komendant-tegi-ulemiste-muruplatsist-moodsa-lennuvälja?id=89889835> [https://www.ester.ee/record=b1072031\\*est](https://www.ester.ee/record=b1072031*est)

### **Betoonühingu üliõpilastööde preemiad läksid kolme kõrgkooli**

Ehitaja 2020 / lk. 10-11 : fot [https://www.ester.ee/record=b1072123\\*est](https://www.ester.ee/record=b1072123*est)

### **Bicategories in univalent foundations**

Ahrens, Benedikt; Frumin, Dan; Maggesi, Marco; **Veltri, Niccolo**; Weide, Niels van der arXiv.org 2020 / 32 p <https://doi.org/10.4230/LIPcs.FSCD.2019.5>

### **Bidirectional DC-DC converter for modular residential battery energy storage systems**

**Chub, Andrii; Vinnikov, Dmitri; Kosenko, Roman; Liivik, Liisa**; Galkin, Ilja IEEE transactions on industrial electronics 2020 / p. 1944-1955 : ill <https://doi.org/10.1109/TIE.2019.2902828> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Bidirectional isolated current source DAB converter with extended ZVS/ZCS range and reduced energy circulation for storage applications**

**Blinov, Andrei; Kosenko, Roman; Vinnikov, Dmitri**; Parsa, Leila IEEE transactions on industrial electronics 2020 / p. 10552-10563 <https://doi.org/10.1109/TIE.2019.2958291> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A big wave at Pouto, Kaipara Harbour, New Zealand**

**Parnell, Kevin Ellis** Journal of Coastal Research 2020 / p. 291-294 <https://doi.org/10.2112/JCR-SI101-053.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Bigbanki meeskond tõusis teiseks**

Tartu Postimees 2020 / Lk. 6 <https://dea.digar.ee/article/tartupostimees/2020/11/13/6.2>

### **Bilateral output feedback control of fractional PDEs with space-dependent coefficients**

**Chen, Juan; Tepljakov, Aleksei; Petlenkov, Eduard**; Zhuang, Bo IFAC-PapersOnLine 2020 / p. 3743 - 3748 <https://doi.org/10.1016/j.ifacol.2020.12.2555> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **BIM adoption in the AEC/FM industry - the case for issuing building permits**

**Ullah, Kaleem; Raitviir, Christopher; Lill, Irene; Witt, Emlyn David Qivitoq** International journal of strategic property management 2020 / p. 400-413 <https://doi.org/10.3846/ijspm.2020.13676> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Bing-CSF-IDF+: a semantics-driven recommender system for news**

Huijsduijnen, Lies Hooft van; Hoogmoed, Thom; Keulers, Geertje; Langendoen, Edmar; Langendoen, Sanne; Vos, Tim; Hogenboom, Frederik; Frasinca, Flavius; **Robal, Tarmo** New trends in databases and information systems : ADBIS 2020 short papers, Lyon, France, August 25-27, 2020 : proceedings 2020 / p. 143-153 [https://doi.org/10.1007/978-3-030-54623-6\\_13](https://doi.org/10.1007/978-3-030-54623-6_13) [Conference proceeding at Scopus](#) [Article at Scopus](#)

### **Biodegradable polyurethane/graphene oxide scaffolds for soft tissue engineering : in vivo behavior assessment**

Ivanoska-Dacikj, Aleksandra; Bogoeva-Gaceva, Gordana; **Krumme, Andres; Tarasova, Elvira**; Scalera, Chiara; Stojkovski, Velimir; Gjorgoski, Icko; Ristoski, Tpe International Journal of Polymeric Materials and Polymeric Biomaterials 2020 / p. 1101 - 1111 <https://doi.org/10.1080/00914037.2019.1655754> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Bioenergy yields from sequential bioethanol and biomethane production: An optimized process flow**

Rocha-Meneses, Lisandra; **Otor, Oghenetejiri Frances; Bonturi, Nemailla**; Orupöld, Kaja; Kikas, Timo Sustainability 2020 / art. 272 <https://doi.org/10.3390/su12010272> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Bio-inspired TiB2-TiB-TiN lattices by selective laser melting**

**Liu, Le; Minasyan, Tatevik; Kamboj, Nikhil; Aydinyan, Sofiya; Hussainova, Irina** Materials Letters 2020 / art. 128337 <https://doi.org/10.1016/j.matlet.2020.128337> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Bioloogilise vara arvestuspõhimõtted**

**Güldenkoh, Maret** Raamatupidamise Praktik : RP 2020 / Lk. 22-24 [https://www.ester.ee/record=b2119353\\*est](https://www.ester.ee/record=b2119353*est) <https://dea.digar.ee/cgi-bin/dea?a=d&d=AKraamatupidprakt202012.2.14.1>

### **Biomass derived fibers as a substitute to synthetic fibers in polymer composites**

**Qasim, Umair**; Ali, Muzaffar; Ali, Touqeer; Iqbal, Rameez; Jamil, Farrukh ChemBioEng Reviews 2020 / p. 193-215

**The biomolecular spectrum drives microbial biology and functions in agri-food-environments**

Sharma, Minaxi; Singh, Dhananjaya Pratap; Rangappa, Kanchugarakoppal S.; Stadler, Marc; Mishra, Pradeep Kumar; Silva, Roberto Nascimento; Prasad, Ram; **Gupta, Vijai Kumar** Biomolecules 2020 / art. 401 <https://doi.org/10.3390/biom10030401> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Bioreactivity, guttation and agents influencing surface tension of water emitted by actively growing indoor mould isolates**

Andersson, Maria A.; Salo, Johanna; Kedves, Orsolya; Kredics, Laszlo; Druzhinina, Irina; **Kurnitski, Jarek**; Salonen, Heidi Microorganisms 2020 / art. 1940, 20 p <https://doi.org/10.3390/microorganisms8121940> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Biorobotikute loodud meetodid aitavad kaladel hüdroelektrijaamades ohutumalt liikuda**

Mente et Manu 2020 / lk. 32 <https://dea.digar.ee/cgi-bin/dea?a=is&oid=AKmenteetmanu202011&type=staticpdf>

**Birgy Lorenz: distantsope tabas mõnda haridusasutust nagu koroonaviirus**

Lorenz, Birgy err.ee 2020 <https://www.err.ee/1097608/birgy-lorenz-distantsope-tabas-monda-haridusasutust-nagu-koroonaviirus>

**Birthdays : Member of the Academy Hillar Aben 90**

Estonian Academy of Sciences yearbook 2019 : words and images. Facts and figures = Annales Academiae Scientiarum Estonicae 2020 / p. 138 : portr [https://www.ester.ee/record=b1218154\\*est](https://www.ester.ee/record=b1218154*est)

**Blended antilock braking system control method for all-wheel drive electric sport utility vehicle**

Aksjonov, Andrei; **Vodovozov, Valery**; Augsburg, Klaus; **Petlenkov, Eduard** Electrimacs 2019 : Selected Papers, Vol. 1 2020 / p. 229-241 [https://doi.org/10.1007/978-3-030-37161-6\\_17](https://doi.org/10.1007/978-3-030-37161-6_17) [Conference proceeding at Scopus](#) [Article at Scopus](#)

**Blockchain for EU electricity market**

**Crasta, Cletus J.**; **Agabus, Hannes**; **Palu, Ivo** 2020 IEEE International Conference on Environment and Electrical Engineering and 2020 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe), Madrid, Spain, 9-12 June 2020 : proceedings 2020 / 6 p <https://doi.org/10.1109/EEEIC/ICPSEurope49358.2020.9160575>

**Blockchain for LBG maritime energy contracting and value chain management : a green shipping business model for seaport**

**Philipp, Robert** Environmental and Climate Technologies 2020 / p. 329-349 <https://doi.org/10.2478/rtuect-2020-0107> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Blockchain technology on the way of autonomous vehicles development**

Narbayev, Saltanat; Bakibayev, Timur; Abeshev, Kuanysh; Makarova, Irina; Shubenkova, Ksenia; **Pashkevich, Anton** Transportation research procedia 2020 / p. 168-175 <https://doi.org/10.1016/j.trpro.2020.02.024> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Blockchain technology: Intrinsic technological and socio-economic barriers: FDSE'2020 Keynote**

**Buldas, Ahto**; **Draheim, Dirk**; Nagumo, Takehiko; **Vedešin, Anton** Future Data and Security Engineering. Big Data, Security and Privacy, Smart City and Industry 4.0 Applications : 7th International Conference, FDSE 2020, Quy Nhon, Vietnam, November 25-27, 2020 : proceedings 2020 / p. 3-27 [https://doi.org/10.1007/978-3-030-63924-2\\_1](https://doi.org/10.1007/978-3-030-63924-2_1) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Blockchain-based applications in shipping and port management : a literature review towards defining key conceptual frameworks**

Tsiulin, Sergey; Hegner Reinau, Kristian; **Hilmola, Olli-Pekka Kristian**; Goryaev, Nikolay; Karam, Ahmed International journal of productivity and performance management 2020 / p. 201-224 <https://doi.org/10.1108/RIBS-04-2019-0051>

**Blockchains from an e-governance perspective: Potential and challenges - keynote at EGOSE 2020 : (Abstract of Keynote)**

**Draheim, Dirk** Electronic Governance and Open Society: Challenges in Eurasia : 7th International Conference, EGOSE 2020, St. Petersburg, Russia, November 18-19, 2020 : proceedings 2020 / p. xi-xiii <https://link.springer.com/book/10.1007%2F978-3-030-67238-6>

**The Blot**

**Pietarinen, Ahti-Veikko**; Bellucci, Francesco; Bobrova, Angelina; **Haydon, Nathan Joseph**; Shafiei, Mohammad Diagrammatic representation and inference : 11th International Conference, Diagrams 2020, Tallinn, Estonia, August 24-28, 2020 : proceedings 2020 / p. 225-238 : ill [https://doi.org/10.1007/978-3-030-54249-8\\_18](https://doi.org/10.1007/978-3-030-54249-8_18) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#) [Conference proceedings at WOS](#)

**Blue growth potential in South Baltic Sea region**

**Philipp, Robert**; **Prause, Gunnar Klaus**; **Meyer, Christopher** Transport and telecommunication journal 2020 / p. 69-83 <https://doi.org/10.2478/tjt-2020-0006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Body Area Networks. Smart IoT and Big Data for Intelligent Health : 15th EAI International Conference, BODYNETS 2020, Tallinn, Estonia, October 21, 2020 : proceedings**  
2020 <https://doi.org/10.1007/978-3-030-64991-3>

**Boosting phosphorescence efficiency by crystal anisotropy in SrAl<sub>2</sub>O<sub>4</sub>:Eu,Dy textured ceramic layers**

**Rojas Hernandez, Rocio Estefania;** Rubio-Marcos, Fernando; Serrano, Aida; **Hussainova, Irina;** Fernandez, Jose Francisco  
Journal of the European Ceramic Society 2020 / p. 1677–1683 : ill <https://doi.org/10.1016/j.jeurceramsoc.2019.11.019> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Boundary state and output feedbacks for underactuated systems of coupled time-fractional PDEs with different space-dependent diffusivity**

Chen, Juan; **Tepljakov, Aleksei; Petlenkov, Eduard;** Zhuang, Bo International journal of systems science 2020 / p. 2922-2942  
<https://doi.org/10.1080/00207721.2020.1803442> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Bovine follicular fluid and extracellular vesicles derived from follicular fluid alter the bovine oviductal epithelial cells transcriptome**

Hasan, Mohammed Mehedi; Viil, Janeli; Lättেকivi, Freddy; Ord, James; Reshi, Qurat Ul Ain; Jääger, Kersti; **Velthut-Meikas, Agne;** Androwska, Aneta; Jaakma, Ülle; Salumets, Andres; Fazeli, Alireza International journal of molecular sciences 2020 / art. 5365 ; 16 p.  
: ill <https://doi.org/10.3390/ijms21155365> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Brachiopod shell thickness links environment and evolution**

Balthasar, Uwe; Jin, Jisuo; **Hints, Linda;** Cusack, Maggie Palaeontology 2020 / p. 171-183 : ill <https://doi.org/10.1111/pala.12450>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Brand engagement and experience in online services**

Khan, Imran; **Hollebeek, Linda Desiree;** Fatma, Mobin; Islam, Jamid Ul; Rahman, Zillur Journal of services marketing 2020 / p. 163–175 <https://doi.org/10.1108/JSM-03-2019-0106> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Breaking the chains of open innovation : post-blockchain and the case of Sensorica**

**Pazaitis, Alexandros** Information 2020 / art. 104, 18 p. <https://doi.org/10.3390/info11020104> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A brief tutorial overview of disturbance observers for nonlinear systems : application to flatness-based control**

**Kaldmäe, Arvo; Kotta, Ülle** Proceedings of the Estonian Academy of Sciences 2020 / p. 57-73 : ill  
<https://doi.org/10.3176/proc.2020.1.07> [http://www.kirj.ee/33035/?tpl=1061&c\\_tpl=1064](http://www.kirj.ee/33035/?tpl=1061&c_tpl=1064) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Brier, Éric; Ferradi, Houda; Joye, Marc; Naccache, David. New number-theoretic cryptographic primitives : [review]**

**Henno, Jaak** Zentralblatt MATH 2020 / 1 p <https://www.zbmath.org/?q=an:07342049>

**Brokers in biotechnology and software networks in EU research projects**

**Küttim, Merle; Kiis, Aino;** Sousa, Cristina TalTech journal of European studies 2020 / p. 195-236 : ill <https://doi.org/10.1515/bjes-2020-0010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Buddhist economics for pandemic times : A review of Buddhist economics. An enlightened approach to the dismal science : [book review]**

**Drechsler, Wolfgang** Journal of global Buddhism 2020 / p. 103-109 <http://globalbuddhism.org/jgb/index.php/jgb/article/view/338/263>  
<https://doi.org/10.5281/zenodo.4031003>

**Building a sustainable and transferable sulphur emission free BSR**

**Prause, Gunnar Klaus; Olaniyi, Eunice Omolola** Sustainability Management Forum 2020 / p. 21-27 <https://doi.org/10.1007/s00550-020-00500-6>

**Building cluster optimization to integrate energy performance and outdoor thermal comfort**

**De Luca, Francesco;** Naboni, Emanuele; Lobaccaro, Gabriele; **Sepulveda Luque, Abel** 2020 Proceedings of the Symposium on Simulation for Architecture and Urban Design 2020 / p. 345-348 : ill [https://www.simaud.org/proceedings/download.php?f=SimAUD2020\\_Proceedings\\_HiRes.pdf](https://www.simaud.org/proceedings/download.php?f=SimAUD2020_Proceedings_HiRes.pdf)

**Buildings' energy efficiency measures effect on CO<sub>2</sub> emissions in combined heating, cooling and electricity production**

Pylsy, Petri; **Lylykangas, Kimmo Sakari; Kurnitski, Jarek** Renewable and sustainable energy reviews 2020 / art. 110299, 18 p : ill  
<https://doi.org/10.1016/j.rser.2020.110299> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Burial practices at Lapini curonian cremation cemetery, West Latvia, at the close of the iron age and in the middle ages (12th–14th/15th centuries)**

Doniņa, Inga; **Stivrinš, Normunds;** Bērziņš, Valdis Archaeologia Baltica 2020 / p. 84-103 <https://doi.org/10.15181/AB.V27I0.2179>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Business intelligence and analytics: On-demand ETL over document stores**

Souibgui, Manel; Atigui, Faten; **Ben Yahia, Sadok**; Si-Said Cherfi, Samira Research Challenges in Information Science : 14th International Conference, RCIS 2020, Limassol, Cyprus, September 23-25, 2020 : Proceedings 2020 / p. 556-561  
[https://doi.org/10.1007/978-3-030-50316-1\\_38](https://doi.org/10.1007/978-3-030-50316-1_38) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Business models amid changes in regulation and environment : The case of Finland-Russia**

Lähdeaho, Oskari; **Hilmola, Olli-Pekka Kristian** Sustainability 2020 / art. 3393, 18 p <https://doi.org/10.3390/su12083393> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Business process efficiency in a digital economy**

**Prokopenko, Olha**; Shmorgun, Leonid; Kushniruk, Viktor International journal of management 2020 / p. 122–132 : ill  
<https://doi.org/10.17605/OSF.IO/R7C65> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Business process optimization based on logistics concepts and technologies**

**Prokopenko, Olha**; Dikiy, Alexander; Butenko, Natalia; Naumenko, Mariya; Dediłova, Tetiana; Miroshnyk, Roman International journal of advanced research in engineering and technology 2020 / p. 184–196  
[http://www.iaeme.com/MasterAdmin/Journal\\_uploads/IJARET/VOLUME\\_11\\_ISSUE\\_6/IJARET\\_11\\_06\\_017.pdf](http://www.iaeme.com/MasterAdmin/Journal_uploads/IJARET/VOLUME_11_ISSUE_6/IJARET_11_06_017.pdf) [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Börsilangus tõi turule tuhandeid uusi investoreid**

Allik, Kaspar; **Vaarmets, Tarvo** Äripäev 2020 / Lk. 18-19 : portr <https://dea.digar.ee/article/aripaev/2020/06/19/24.1>  
[http://www.estar.ee/record=b1071975\\*est](http://www.estar.ee/record=b1071975*est)

### **C/N ratio and carbon source-dependent lipid production profiling in Rhodotorula toruloides**

**Lopes, Helberth Júnior Santos**; Bonturi, Nemailla; Kerkhoven, Eduard Johannes; Miranda, Everson Alves; **Lahtvee, Petri-Jaan** Applied Microbiology and Biotechnology 2020 / p. 2639 - 2649 <https://doi.org/10.1007/s00253-020-10386-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **CaF<sub>2</sub> solidstate electrolytes prepared by vapor pressure exposure and solid synthesis for defect and ionic conductivity tuning**

**Molaiyan, Palanivel**; Witter, Raiker Material design & processing communications 2020 / art. e76, 6 p. : ill  
<https://onlinelibrary.wiley.com/doi/epdf/10.1002/mdp2.76> <https://doi.org/10.1002/mdp2.76> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Calculation of probabilistic testability measures for digital circuits with Structurally Synthesized BDDs**

**Jürimägi, Lembit**; Ubar, Raimund-Johannes; Jenihhin, Maksim; Raik, Jaan Microprocessors and microsystems 2020 / art. 103117, 12 p <https://doi.org/10.1016/j.micpro.2020.103117> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Calculational proofs in relational graphical linear algebra**

Paixao, Joao; **Sobocinski, Pawel Maria** Formal Methods: Foundations and Applications : 23rd Brazilian Symposium, SBMF 2020, Ouro Preto, Brazil, November 25-27, 2020 : proceedings 2020 / p. 83-100 [https://doi.org/10.1007/978-3-030-63882-5\\_6](https://doi.org/10.1007/978-3-030-63882-5_6) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Calling paradigms and the box calculus**

Santo, Jose Espirito; Pinto, Luis; **Uustalu, Tarmo** EUTYPES-TYPES 2020 : Abstracts 2020 / 2 p  
<https://types2020.di.unito.it/abstracts/BookOfAbstractsTYPES2020.pdf>

### **CALL-technology based approach to control acquisition of foreign language skills**

Nymm, Voldemar; Piotrowska, Xenia; **Nömm, Sven**; Ronzhin, Andrey Proceedings of the III International Conference on Language Engineering and Applied Linguistics (PRLEAL-2019), Saint Petersburg, Russia, November 27, 2019 2020 / art. 157532, p. 200-210  
<http://ceur-ws.org/Vol-2552/Paper16.pdf> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Calm-water performance of a boat with two swept steps at high-speeds: Laboratory measurements and mathematical modeling**

**Niazmand Bilandi, Rasul**; Vitiello, Luigi; Mancini, Simone; Nappo, Vincenzo; Roshan, Fatemeh; Tavakoli, Sasan; **Dashtimanesh, Abbas** Procedia manufacturing 2020 / p. 467-474 : ill <https://doi.org/10.1016/j.promfg.2020.02.046>

### **Calorimetric approach for comparison of Angiopoietin-like protein 4 with other pancreatic lipase inhibitors**

**Villo, Ly**; Risti, Robert; Reimund, Mart; Kuk, Kaia; Samel, Nigulas; Löökene, Aivar Biochimica et Biophysica Acta (BBA) - Molecular and Cell Biology of Lipids 2020 / art. 158553, 12 p. : ill <https://doi.org/10.1016/j.bbalip.2019.158553> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Can Russia really go to the polls in a pandemic? [Online resource]**

Krivosova, Iuliia riddle.io 2020 [Can Russia really go to the polls in a pandemic?](#)

### **Can theories of mental representation adequately explain mental imagery?**

**Issajeva, Jelena** Foundations of Science 2020 / p. 341 - 355 <https://doi.org/10.1007/s10699-019-09613-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Cancer LncRNA Census reveals evidence for deep functional conservation of long noncoding RNAs in tumorigenesis**  
Carlevaro-Fita, Joan; Lanzós, Andrés; Feuerbach, Lars; Hong, Chen; Mas-Ponte, David; Pedersen, Jakob Skou; Abascal, Federico; Amin, Samirkumar B.; Johnson, Rory; **Uusküla-Reimand, Liis** Communications Biology 2020 / Art. nr. 56  
<https://doi.org/10.1038/s42003-019-0741-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Candidate cancer driver mutations in distal regulatory elements and long-range chromatin interaction networks**  
Zhu, Helen; **Uusküla-Reimand, Liis**; Isaev, Keren; Wadi, Lina; Alizada, Azad; Shuai, Shimin; Huang, Vincent; Aduloso-Nwaobasi, Dike; Paczkowska, Marta; Abd-Rabbo, Diala; Ocsenas, Oliver; Liang, Minggao; Thompson, J. Drew; Li, Yao; Ruan, Luyao; Krassowski, Michal; Dzeladze, Irakli; Simpson, Jared T.; Lupien, Mathieu; Stein, Lincoln D.; Boutros, Paul C.; Wilson, Michael D.; Reimand, Jüri Molecular Cell 2020 / p. 1307-1321.e10 <https://doi.org/10.1016/j.molcel.2019.12.027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Capillary condensation experiment for inverse modelling of porous building materials**  
Hirsch, Hauke; Heyn, Rüdiger; **Klõšeiko, Paul** E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 17003, 7 p. : ill <https://doi.org/10.1051/e3sconf/202017217003> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Carbon prices for meeting the Paris agreement and their impact on key metals**  
Tost, Michael; **Hitch, Michael William**; Lutter, Stephan; Feiel, Susanne; Moser, Peter The extractive industries and society 2020 / p. 593-599 <https://doi.org/10.1016/j.exis.2020.01.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Cardiac muscle regulatory units are predicted to interact stronger than neighboring cross-bridges**  
**Kalda, Mari; Vendelin, Marko** Scientific reports 2020 / art. 5530, 13 p. : ill <https://doi.org/10.1038/s41598-020-62452-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Career development in cyber security: Bootcamp training programs**  
**Caliskan, Emin; Vaarandi, Risto** Proceedings of the 15th International Conference on Cyber Warfare and Security (ICCWS) : Old Dominion University (ODU), Norfolk, Virginia, USA, 12-13 March 2020 2020 / p. 503-511 <https://doi.org/10.34190/ICCWS.20.080>

**Carpe diem! : mõtteid aastast 2019 ja elust üldse...**  
**Leppik, Peep** 2020 [https://www.ester.ee/record=b5299514\\*est](https://www.ester.ee/record=b5299514*est)

**Case study : Free public transport as instrument for energy savings and urban sustainable development - the case of the city of Tallinn**  
**Prause, Gunnar Klaus; Tuisk, Tarmo** Energy transformation towards sustainability 2020 / p. 163-177 <https://doi.org/10.1016/B978-0-12-817688-7.00008-2>

**Case study of non-linear PV inverter devices attached to the LV distribution network**  
**Vinnal, Toomas; Puusepp, Hardi; Shabbir, Noman; Kütt, Lauri; Iqbal, Muhammad Naveed** Agronomy research 2020 / p. 2639-2652 : ill <https://doi.org/10.15159/AR.20.233> <https://dspace.emu.ee/xmlui/handle/10492/5955> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A case study on the spatial variability of strength in a SFRSCC slab and its correlation with fibre orientation**  
**Kartofelev, Dmitri; Goidyk, Oksana; Herrmann, Heiko** Proceedings of the Estonian Academy of Sciences 2020 / p. 298-310 : ill <https://doi.org/10.3176/proc.2020.4.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Case-control study on occupational exposure to extremely low-frequency electromagnetic fields and the association with acoustic neuroma**  
Carlberg, Michael; **Koppel, Tarmo**; Ahonen, Mikko; Hardell, Lennart Environmental research 2020 / art. 109621, 7 p. : ill <https://doi.org/10.1016/j.envres.2020.109621> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Celakoska-Jordanova, Vesna; Celakoska, Emilija; Miovska, Valentina. Free power-semicommutative ternary groupoids : [review]**  
**Henno, Jaak** Zentralblatt MATH 2020 / 1 p <https://zbmath.org/?q=an:1436.08008>

**Cellprofiler is a fit tool for droplet digital image analysis**  
**Bartkova, Simona; Vendelin, Marko; Pata, Pille; Scheler, Ott** 23rd International Conference on Miniaturized Systems for Chemistry and Life Sciences (MicroTAS 2019) Basel, Switzerland, 27 – 31 October 2019 2020 / art. 163704, p. 1644-1645 <https://doi.org/10.1101/811869>

**Cellular, extracellular and extracellular vesicular miRNA profiles of pre-ovulatory follicles indicate signaling disturbances in polycystic ovaries**  
**Rooda, Ilmatar; Hasan, Mohammed Mehedi; Roos, Kristine; Viil, Janeli; Smolander, Olli-Pekka; Velthut-Meikas, Agne**

**Central nervous system lymphoma and radiofrequency radiation – A case report and incidence data in the Swedish Cancer Register on non-Hodgkin lymphoma**

Hardell, Lennart; Carlberg, Michael; **Koppel, Tarmo** Medical hypotheses 2020 / art. 110052, 6 p. : ill

<https://doi.org/10.1016/j.mehy.2020.110052> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Cermets with Fe-alloy binder : a review**

**Kübarsepp, Jakob; Juhani, Kristjan** International journal of refractory metals and hard materials 2020 / art. 105290, 25 p. : ill

<https://doi.org/10.1016/j.ijrmhm.2020.105290> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The challenge of protecting space-based assets against cyber threats**

**Carlo, Antonio;** Lacroix, Lisa; Zarkan Cesari, Laetitia IAC 2020 congress proceedings 2020 / art. 59386

<https://dl.iafastro.directory/event/IAC-2020/paper/59386/>

**Challenge-driven innovation policy : towards a new policy toolkit**

Mazzucato, Mariana; **Kattel, Rainer;** Ryan-Collins, Josh Journal of industry, competition and trade 2020 / p. 421-437

<https://doi.org/10.1007/s10842-019-00329-w>

**Challenges and possibilities of enforcing the rule of Law within the EU constitutional edifice - the need for increased role of court of justice, EU charter and diagonality in perception**

**Hamulak, Ondrej;** Circolo, Andrea The EU in the 21st century : challenges and opportunities for the European integration process

2020 / p. 155-169 [https://doi.org/10.1007/978-3-030-38399-2\\_10](https://doi.org/10.1007/978-3-030-38399-2_10)

**Challenges in the digital transformation of courts : a case study from the Kurdistan region of Iraq**

**Ahmed, Rozha Kamal; Draheim, Dirk; Pappel, Ingrid; Muhammed, Khder H.** 2020 Seventh International Conference on eDemocracy & eGovernment (ICEDEG), Buenos Aires, Argentina, April 22–24, 2020 : proceedings 2020 / p. 74-79

<https://doi.org/10.1109/ICEDEG48599.2020.9096801>

**Challenges in using neural networks in safety-critical applications**

Forsberg, H.; Linden, Jan; Hjorth, J.; Manefjord, T.; **Daneshtalab, Masoud** AIAA/IEEE Digital Avionics Systems Conference - Proceedings, 2020 AIAA/IEEE 39th Digital Avionics Systems Conference (DASC), Virtual Conference, October 11-16, 2020 : Proceedings 2020 / 7 p

<https://doi.org/10.1109/DASC50938.2020.9256519>

**Challenges of academic mobility in view of students inclusion in engineering education**

**Raud, Zoja; Vodovozov, Valery** Proceedings of the 2020 IEEE Global Engineering Education Conference (EDUCON) :

Engineering Education for the Future in a Multicultural and Smart World, 27-30 April, 2020, Porto, Portugal 2020 / p. 139-144 : ill  
<https://doi.org/10.1109/EDUCON45650.2020.9125238>

**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** Journal of architecture and urbanism 2020 / p. 109-121

<https://doi.org/10.3846/jau.2020.12223> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Challenges of collaborative digital government : e-participation, open government data and cross-border interoperability = Koostööl põhineva digitaalse valitsemise keerukus : e-osaluse, avaandmete ja piiriülese koostöö näited**

**Olesk, Maarja** 2020 <https://www.digar.ee/arhiiv/nlib-digar:444367> <https://digikogu.taltech.ee/et/Item/5325f102-b6c4-476e-885e-563cfe906cd9>

**Challenges of smart grids implementation**

**Ahmadihangar, Roya; Rosin, Argo; Palu, Ivo;** Azizi, Aydin Demand-side flexibility in smart grid 2020 / p. 1-15

[https://doi.org/10.1007/978-981-15-4627-3\\_1](https://doi.org/10.1007/978-981-15-4627-3_1) [Journal metrics at Scopus](#) [Article at Scopus](#)

**A chance-constrained decentralized operation of multi-area integrated electricity–natural gas systems with variable wind and solar energy**

Qi, Feng; Shahidehpour, Mohammad; Li, Zhiyi; **Wen, Fushuan;** Shao, Changzhen IEEE Transactions on sustainable energy 2020 / p. 2230-2240 <https://doi.org/10.1109/TSTE.2019.2952495>

**Changes in engineering education in the transition to a digital society**

Makarova, Irina; Boyko, Aleksey; Giniyatullin, Ilur; **Pashkevich, Anton;** Mukhametdinov, Eduard 2020 21th International Carpathian Control Conference (ICCC) 2020 / 6 p <https://doi.org/10.1109/ICCC49264.2020.9257231>

**Changes in sovereign debt dynamics in Central and Eastern Europe**

**Cuestas, Juan Carlos** International journal of finance & economics 2020 / p. 63-71 : ill <https://doi.org/10.1002/ijfe.1728> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Channel performance estimations with extended channel probing**

**Kaeval, Kaida**; Griesser, Helmut; Grobe, Klaus; Elbers, Jörg-Peter; Tikas, Marko; **Jervan, Gert** Photonic Networks : 21th ITG-Symposium : 24-25 November 2020 : online 2020 / p. 60-64 <http://d-nb.info/1223037061> <https://ieeexplore.ieee.org/document/9273755>

### **A Characterization of Amenable Groups by Besicovitch Pseudodistances**

**Capobianco, Silvio**; Guillon, Pierre Cellular Automata and Discrete Complex Systems : 26th IFIP WG 1.5 International Workshop, AUTOMATA 2020, Stockholm, Sweden, August 10–12, 2020 : proceedings 2020 / p. 99-110 [https://doi.org/10.1007/978-3-030-61588-8\\_8](https://doi.org/10.1007/978-3-030-61588-8_8) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Characterization of corona and internal partial discharge under increasing electrical stress using time domain analysis**

Shafiq, Muhammad; **Kiitam, Ivar**; **Taklaja, Paul**; Hussain, Amjad; **Kütt, Lauri**; Kauhaniemi, Kimmo 2020 IEEE Electrical Insulation Conference : EIC 2020 2020 / vol. 217–220 <https://doi.org/10.1109/EIC47619.2020.9158701>

### **Characterization of potassium, sodium and their interactions effects in yeasts**

Illarionov, Aleksandr; Lahtvee, Petri-Jaan; **Kumar, Rahul**, 1978- bioRxiv 2020 / 16 p. : ill <https://doi.org/10.1101/2020.10.22.350355>

### **Characterizing the biofunctionalization of gold surface with total internal reflection fluorescence (TIRF) microscopy**

**Ehrminger, Robin Benjamin**; Kopantšuk, Sergei; **Kivirand, Kairi**; **Min, Mart** Proceedings of the Estonian Academy of Sciences 2020 / p. 27-34 : ill <https://doi.org/10.3176/proc.2020.1.02> [http://www.kirj.ee/33001/?tpl=1061&c\\_tpl=1064](http://www.kirj.ee/33001/?tpl=1061&c_tpl=1064) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Charter value, risk-taking and systemic risk in banking before and after the global financial crisis of 2007-2008**

**Bakkar, Yassine**; Rugemintwari, Clovis; Tarazi, Amine Applied Economics 2020 / p. 3898 - 3918 <https://doi.org/10.1080/00036846.2020.1725234> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Cheating in Europe : underreporting of self-employment income in comparative perspective**

**Kukk, Merike**; Paulus, Alari; Staehr, Karsten International tax and public finance 2020 / p. 363-390 <https://doi.org/10.1007/s10797-019-09562-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Chemical Composition and Antibacterial Effect of Mentha spp. Grown in Estonia**

Kapp, Karmen; Püssa, Tõnu; **Orav, Anne**; Roasto, Mati; Raal, Ain; Vuorela, Pia; Vuorela, Heikki; Tammela, Päivi Natural product communications 2020 / 14 p <https://doi.org/10.1177/1934578X20977615> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Chemical treatment of tetrahedrite Cu<sub>10</sub>Cd<sub>2</sub>Sb<sub>4</sub>S<sub>13</sub> monograin powder**

**Ghisani, Fairouz**; **Timmo, Kristi**; **Altosaar, Mare** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 24 <http://fmtdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

### **China, Africa, and the West: a geopolitical assessment of Huawei's crisis communication on social networks**

**Calzati, Stefano** International journal of communication 2020 / p. 4952–4972 <https://ijoc.org/index.php/ijoc/article/view/15031> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Chlorine isotope composition of apatite from the >3.7 Ga isua supracrustal belt, SW Greenland**

Wudarska, Alicja; Slaby, Ewa; Wiedenbeck, Michael; Birski, Łukasz; Wirth, Richard; Götze, Jens; **Lepland, Aivo**; Kusebauch, Christof; Kocjan, Izabela Minerals 2020 / Art. 27 <https://doi.org/10.3390/min10010027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Cities4ZERO approach to foresight for fostering smart energy transition on municipal level**

Tatar, Merit; **Kalvet, Tarmo**; **Tiits, Marek** Energies 2020 / art. 3533 <https://doi.org/10.3390/en13143533> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Civil defence and cyber security: A contemporary European perspective**

**Tikk, Eneken** National cyber emergencies: the return to civil defence 2020 / p. 76-92 <https://doi.org/10.4324/9780429343438>

### **Civil liability regime for artificial intelligence : European added value assessment**

**Evas, Tatjana** 2020 [https://www.europarl.europa.eu/RegData/etudes/STUD/2020/654178/EPRS\\_STU\(2020\)654178\\_EN.pdf](https://www.europarl.europa.eu/RegData/etudes/STUD/2020/654178/EPRS_STU(2020)654178_EN.pdf) <https://doi.org/10.2861/737677>

### **Clearing the existing fog over the smart sustainable city concept: highlighting the importance of governance**

**Schuch de Azambuja, Luiza**; Pereira, Gabriela Viale; **Krimmer, Robert Johannes** Proceedings of the 13th International Conference on Theory and Practice of Electronic Governance : ICEGOV 2020, 23-25 September, 2020 : Online Conference 2020 / p. 628–637 <https://doi.org/10.1145/3428502.3428595> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Climate and carbon neutrality in a consumptionist world**

**Soesoo, Alvar** Геология, геоэкология, эволюционная география 2020 / с. 196-200 <https://elibrary.ru/item.asp?id=44623618&pff=1>

### **Clustering of Transmission System Loads Based on Monthly Load Class Energy Consumptions**

**Leinakse, Madis; Kilter, Jako** 2020 21st International Scientific Conference on Electric Power Engineering (EPE), October 19-21, 2020, Prague, Czech Republic 2020 / 6 p. : ill <https://doi.org/10.1109/EPE51172.2020.9269197>

### **Clustering-based penalty signal design for flexibility utilization**

**Rosin, Argo; Ahmadihangar, Roya; Azizi, Elnaz; Sahoo, Subham; Vinnikov, Dmitri; Blaabjerg, Frede; Dragicevic, Tomislav; Bolouki, Sadegh** IEEE Access 2020 / p. 208850-208860 <https://doi.org/10.1109/ACCESS.2020.3038822> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **CO2 mineralization by burnt oil shale and cement by pass dust effect of operating temperature and pre-treatment**

**Usta, Mustafa Cem; Yörük, Can Rüstü; Uibu, Mai; Kaljuvee, Tiit; Triikkel, Andres** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 87 <http://fmtdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

### **CO2 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** Journal of thermal analysis and calorimetry 2020 / p. 991–999 : ill <https://doi.org/10.1007/s10973-020-09349-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Coalitional game-based transactive energy management in local energy communities**

**Feng, Changsen; Wen, Fushuan; You, Shi; Li, Zhiyi; Shahnia, Farhad; Shahidehpour, Mohammad** IEEE Transactions on Power Systems 2020 / p. 1729 - 1740 <https://doi.org/10.1109/TPWRS.2019.2957537> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Coastal flooding : Joint probability of extreme water levels and waves along the Baltic Sea coast**

**Kudryavtseva, Nadezhda; Räämet, Andrus; Soomere, Tarmo** 3rd Baltic Earth Conference : Earth system changes and Baltic Sea coasts, To be held in Jastarnia, Hel Peninsula, Poland, 1 to 5 June 2020, Held online, 2-3 June 2020 : Conference proceedings 2020 / p. 70-71 : ill ["proceedings"](#)

### **Coastal flooding: Joint probability of extreme water levels and waves along the Baltic Sea coast**

**Kudryavtseva, Nadezhda; Räämet, Andrus; Soomere, Tarmo** Journal of coastal research 2020 / p. 1146-1151 <https://doi.org/10.2112/SI95-222.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **CoBaL 11 : raamatukogude mõju ühiskonnas**

**Tõiste, Tuuliki** Raamatukogu 2020 / lk. 9 : fot [https://www.ester.ee/record=b1817020\\*est](https://www.ester.ee/record=b1817020*est)

### **Cobalt and nitrogen co-doped peat derived carbon based catalysts for oxygen reduction**

**Jäger, Rutha; Teppor, Patrick; Härk, Eneli; Härmas, Meelis; Adamson, Anu; Paalo, Maarja; Volobujeva, Olga; Kikas, Arvo; Kochovski, Zdravko; Romann, Tavo** ECS Transactions 2020 / p. 605-613 : ill <https://doi.org/10.1149/09707.0605ecst> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **CoB-TiB2 crystalline powders : Synthesis, microstructural analysis and their utilization as reinforcement agent**

**Khoshsima, Sina; Altintas, Zerrin; Burkhardt, Ulrich; Schmidt, Marcus; Prashanth, Konda Gokuldoss; Somer, Mehmet; Balci, Özge** Advanced powder technology 2020 / p. 2964-2972 <https://doi.org/10.1016/j.apt.2020.05.026> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Collaborative innovation and human-machine networks**

**Kattel, Rainer; Lember, Veiko; Tõnurist, Piret** Public management review 2020 / p. 1652-1673 <https://doi.org/10.1080/14719037.2019.1645873> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Combination of SLM-SPS approaches for tribological, antibacterial and biomaterial applications = Kombineeritud SLM-SPS meetod triboloogiliste, antibakteriaalsete ja biosobivate materjalide valmistamiseks**

**Rahmani Ahranjani, Ramin** 2020 <https://digikogu.taltech.ee/et/Item/4cd6a755-29d9-4168-a281-a21edca6c729>

### **Combined burden and functional impact tests for cancer driver discovery using DriverPower**

**Shuai, Shimin; Abascal, Federico; Amin, Samirkumar B.; Bader, Gary D.; Bandopadhyay, Pratiti; Barenboim, Jonathan; Beroukhim, Rameen; Bertl, Johanna; Boroevich, Keith A.; Uusküla-Reimand, Liis** Nature Communications 2020 / art. 734 <https://doi.org/10.1038/s41467-019-13929-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Combining algebraic effect descriptions using the tensor of complete lattices**

**Voorneveld, Niels** Electronic notes in theoretical computer science 2020 / p. 257-281 <https://doi.org/10.1016/j.entcs.2020.09.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Comments on 'A new kind of nonlinear disturbance observer for nonlinear systems with applications to cruise control of air-breathing hypersonic vehicles'**

**Kaldmäe, Arvo; Kotta, Ülle** International journal of control 2020 / p. 1725 <https://doi.org/10.1080/00207179.2018.1529436> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Comments on "PBH tests for nonlinear systems"

Sarafrazi, Mohammad Amin; Bartosiewicz, Zbigniew; **Kotta, Ülle** Automatica 2020 / art. 108617

<https://doi.org/10.1016/j.automatica.2019.108617> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Common-mode voltage analysis and reduction for the quasi-Z-source inverter with a split inductor

Liu, Wenjie; Yang, Yongheng; Kerekes, Tamas; **Liivik, Elizaveta; Vinnikov, Dmitri**; Blaabjerg, Frede Applied sciences 2020 / art. 8713, 13 p. : ill <https://doi.org/10.3390/app10238713> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Communication business processes of industrial enterprises in the conditions of globalisation

**Prokopenko, Olha**; Kazanska, Olena; Deineha, Inna; Butenko, Nataliia; Omelyanenko, Vitaliy; Bovkun, Olha International journal of management 2020 / p. 884-895 <https://doi.org/10.34218/IJM.11.5.2020.081>  
[http://www.iaeme.com/MasterAdmin/Journal\\_uploads/IJM/VOLUME\\_11\\_ISSUE\\_5/IJM\\_11\\_05\\_081.pdf](http://www.iaeme.com/MasterAdmin/Journal_uploads/IJM/VOLUME_11_ISSUE_5/IJM_11_05_081.pdf)

### CommunityCare : tackling mental health issues with the help of community

**Suran, Shweta; Pattanaik, Vishwajeet; Draheim, Dirk** iiWAS2020 : The 22st International Conference on Information Integration and Web-based Applications & Services, November 30 - December 2, 2020, Chiang Mai, Thailand : [Proceedings] 2020 / art. 3429114, p. 377-382 <https://doi.org/10.1145/3428757.3429114> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### Co-movement between residential and commercial housing prices: Evidence from a new database

**Cuestas, Juan Carlos**; Monfort, Mercedes Applied economics letters 2020 / p. 402-407

<https://doi.org/10.1080/13504851.2020.1757609> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Comparative analysis of power quality monitoring systems

Hassan, Syed Rizwan; Rehman, Ateeq Ur; **Shabbir, Noman**; Unbreen, Arooj NFC IEFr journal of engineering and scientific research 2020 / p. 19-23 <http://nijesr.com/ojs/index.php/archive/article/view/249>

### Comparative analysis of reliability for string and central inverter PV systems in accordance with the FMECA

Dumnic, Boris; **Liivik, Elizaveta**; Popadic, Bane; Blaabjerg, Frede; Milicevic, Dragan; Katic, Vladimir 2020 IEEE 11th International Symposium on Power Electronics for Distributed Generation Systems (PEDG), 28 Sept.-1 Oct. 2020, Dubrovnik, Croatia 2020 / p. 591-596 <https://doi.org/10.1109/PEDG48541.2020.9244404>

### Comparative results of low temperature annealing of lightly doped n-layers of silicon carbide irradiated by protons and electrons

Kozlovski, Vitali V.; **Korolkov, Oleg**; Lebedev, Alexander A.; **Toompuu, Jana; Sleptsuk, Natalja** Silicon Carbide and Related Materials 2019 : 18th International Conference on Silicon Carbide and Related Materials 2019 (ICSCRM 2019), Kyoto, Japan, September 29 - October 4, 2019 2020 / p. 231-236 <https://doi.org/10.4028/www.scientific.net/MSF.1004.231> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### A comparative study on cooling period thermal comfort assessment in modern open office landscape in Estonia

**Kiil, Martin; Simson, Raimo; Thalfeldt, Martin; Kurnitski, Jarek** Atmosphere 2020 / art. 127, 21 p. : ill

<https://doi.org/10.3390/atmos11020127> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### A comparative study on SECA compliance options for maritime fuel producers

**Olaniyi, Eunice Omolola; Prause, Gunnar Klaus** Journal of Entrepreneurship and Innovation in Emerging Economies 2020 / p. 282-294 <https://doi.org/10.1177/2393957519885521> [Journal metrics at Scopus](#) [Article at Scopus](#)

### Comparing the leaching behavior of phosphorus, aluminum and iron from post-precipitated tertiary sludge and anaerobically digested sewage sludge aiming at phosphorus recovery

Monea, Marlena; Löhr, Dirk Karsten; Meyer, Carsten; **Ivanova Drenkova-Tuhtan, Asya** Journal of cleaner production 2020 / art. 119129, 8 p. : ill <https://doi.org/10.1016/j.jclepro.2019.119129> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Comparing the methods of A3 and canvas

Koskela, Lauri; Broft, Rafaella D.; **Pikas, Ergo**; Tezel, Algan Proceedings 28th Annual Conference of the International Group for Lean Construction (IGLC28), Berkeley, California, USA 2020 / p. 13-24 <https://doi.org/10.24928/2020/0136>

### Comparison between the dynamic behavior of the non-stepped and double-stepped planing hulls in rough water: A numerical study

Esfandiari, Arman; Tavakoli, Sasan; **Dashtimanesh, Abbas** Journal of ship production and design 2020 / Paper Nr: SNAME-JSPD-2020-36-1-52 ; p. 52-66 <https://doi.org/10.5957/jspd.2020.36.1.52>

### Comparison of additively manufacturing samples fabricated from pre-alloyed and mechanically mixed powders

Zhao, Chao; Wang, Zhi; Li, Daoxi; Xie, Meishen; **Kollo, Lauri**; Luo, Zongqiang; Zhang, Weiwen; **Prashanth, Konda Gokuldoss** Journal of alloys and compounds 2020 / art. 154603, 5 p. : ill <https://doi.org/10.1016/j.jallcom.2020.154603> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparison of COP estimation methods for large-scale heat pumps used in energy planning**

**Pieper, Henrik;** Ommen, Torben; Kjær Jensen, Jonas Energy 2020 / art. 117994, 13 p. : ill <https://doi.org/10.1016/j.energy.2020.117994>

### **Comparison of current harmonic emission by different lighting technologies**

**Iqbal, Muhammad Naveed; Kütt, Lauri; Shabbir, Noman; Asad, Bilal** 2020 IEEE 61st International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), Riga, Latvia, Nov. 5-7, 2020 : conference proceedings 2020 / 6 p <http://toc.proceedings.com/52742webtoc.pdf>

### **Comparison of deep learning models for multivariate prediction of time series wind power generation and temperature**

**Mishra, Sambeet;** Bordin, Chiara; Taharaguchi, Kota; **Palu, Ivo** Energy reports 2020 / p. 273–286  
<https://doi.org/10.1016/j.egy.2019.11.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparison of dispersive and nondispersive models for wave run-up on a beach**

**Abdalazeez, Ahmed; Didenkulova, Irina;** Dutykh, Denys; Denissenko, Petr Izvestiya, atmospheric and oceanic physics 2020 / p. 494-501 <https://doi.org/10.1134/S0001433820050023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparison of dynamic topography bias in HIROMB and NEMO-Nordic model by utilizing marine geoid**

**Jahanmard, Vahidreza; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** Geophysical research abstracts 2020 / p. EGU2020-20134 <https://doi.org/10.5194/egusphere-egu2020-20134>

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

**Zinchenko, Denys** 19th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Tartu, Estonia, January 14-17, 2020 2020 / p. 125-126 : ill [https://www.ester.ee/record=b5291755\\*est](https://www.ester.ee/record=b5291755*est)

### **Comparison of matrix reordering algorithms based on monotone systems**

**Lind, Grete; Kuusik, Rein, inform.** The Fifteenth International Conference on Concept Lattices and Their Applications : CLA 2020, Tallinn, Estonia, June 29-July 1, 2020 2020 / p. 281-286 [https://www.ester.ee/record=b5353358\\*est](https://www.ester.ee/record=b5353358*est) <http://ceur-ws.org/Vol-2668/short2.pdf>  
[Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Comparison of performance-based specification properties for asphalt binders sourced from around the world**

**Lill, Kristjan;** Khan, Ahmad Nawaz; **Kontson, Karli;** Hesp, Simon A. M. Construction and building materials 2020 / art. 120552, 8 p. : ill <https://doi.org/10.1016/j.conbuildmat.2020.120552> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparison of synchronous reluctance machine and permanent magnet-assisted synchronous reluctance machine performance characteristics**

**Heidari, Hamidreza; Andriushchenko, Ekaterina; Rassölkin, Anton; Kallaste, Ants; Vaimann, Toomas; Demidova, Galina** 2020 27th International Workshop on Electric Drives: MPEI Department of Electric Drives 90th Anniversary (IWED), Moscow, Russia, January 27-30, 2020 2020 / 5 p. : ill <https://doi.org/10.1109/IWED48848.2020.9069583>

### **Comparison of the carbon nanofiber/fiber- and silicone-based electrodes for bioimpedance measurements**

**Kõiv, Hip; Pesti, Ksenija; Min, Mart; Land, Raul;** Must, Indrek IEEE transactions on instrumentation and measurement 2020 / p. 1455-1463 <https://doi.org/10.1109/TIM.2019.2962297> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparison of the microstructures and mechanical properties of Ti6Al4V fabricated by electron beam melting, spark plasma sintering, and selective laser remelting**

**Karimi, Javad; Prashanth, Konda Gokuldoss** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 39 <http://fntdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

### **Competence approach in future specialist skills development**

**Prokopenko, Olha;** Osadchenko, Inna; Braslavskaya, Oksana; Malyshevskaya, Iryna; Pichkur, Mykola; Tyshchenko, Viktoriia International journal of management 2020 / p. 645-656 : ill [https://iaeme.com/Home/article\\_id/IJM\\_11\\_04\\_062](https://iaeme.com/Home/article_id/IJM_11_04_062) [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Competition between densification and microstructure of functional materials by Selective Laser Melting**

**Singh, Neera; Ummethala, Raghunandan; Hameed, Pearlina; Sokkalingam, Rathinavelu; Prashanth, Konda Gokuldoss** Material design & processing communications 2020 / art. e146, 7 p. : ill <https://doi.org/10.1002/mdp2.146> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Competition between immiscibility GAP and supercooling during non-equilibrium processing of metallic materials**

**Aftab, Rabia; Antonov, Maksim** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 11  
<http://fntdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

### **Complete capillary electrophoresis process on a drone : towards a flying micro-lab**

Drevinskas, Tomas; Maruška, Audrius; Girdauskas, Valdas; Dūda, Gediminas; **Gorbatšova, Jelena; Kaljurand, Mihkel** Analytical Methods 2020 / p. 4977 - 4986 <https://doi.org/10.1039/d0ay01220c> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Composing graph theory and deep neural networks to evaluate SEU type soft error effects**

**Balakrishnan, Aneesh;** Lange, Thomas; Glorieux, Maximilien; Alexandrescu, Dan; **Jenihhin, Maksim** 9th Mediterranean Conference on Embedded Computing (MECO'2020), Budva, Montenegro, 8-11 June 2020 2020 <https://doi.org/10.1109/MECO49872.2020.9134279>

### **Composition and antibacterial effect of mint flavorings in candies and food supplements**

Kapp, Karmen; **Orav, Anne;** Roasto, Mati; Raal, Ain; Püssa, Tõnu; Vuorela, Heikki; Tammela, Päivi; Vuorela, Pia Planta medica 2020 / p. 1089–1096 <https://doi.org/10.1055/a-1158-1699> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **The composition of faecal microbiota is related to the amount and variety of dietary fibres**

**Adamberg, Kaarel; Jaagura, Madis;** Aaspõllu, Anu; Nurk, Eha; **Adamberg, Signe** International Journal of Food Sciences and Nutrition 2020 / p. 845-855 : ill <https://doi.org/10.1080/09637486.2020.1727864> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Compositional diagrammatic first-order logic**

**Haydon, Nathan Joseph; Sobocinski, Pawel Maria** Diagrammatic representation and inference : 11th International Conference, Diagrams 2020, Tallinn, Estonia, August 24–28, 2020 : proceedings 2020 / p. 402-418 [https://doi.org/10.1007/978-3-030-54249-8\\_32](https://doi.org/10.1007/978-3-030-54249-8_32) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

### **Compound's pre-screening of withania somnifera, Baccopa monnieri and centella asiatica extracts**

**Witter, Steffi; Arju, Georg;** Junusova, Marina; **Kuhtinskaja, Maria; Samoson, Ago;** Witter, Raiker; **Vilu, Raivo** Journal of biosciences and medicines 2020 / p. 80-98 <https://doi.org/10.4236/jbm.2020.89007>

### **Comprehensive analysis of chromothripsis in 2,658 human cancers using whole-genome sequencing**

Cortés-Ciriano, Isidro; Lee, Jake June-Koo; Xi, Ruibin; Jain, Dhawal; Jung, Youngsook Lucy; Yang, Lixing; Gordenin, Dmitry; Klimczak, Leszek J.; **Uusküla-Reimand, Liis** Nature Genetics 2020 / p. 331-341 <https://doi.org/10.1038/s41588-019-0576-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comprehensive molecular characterization of mitochondrial genomes in human cancers**

Yuan, Yuan; Ju, Young Seok; Kim, Youngwook; Li, Jun; Wang, Yumeng; Yoon, Christopher J.; Yang, Yang; Martincorena, Inigo; Creighton, Chad J.; **Uusküla-Reimand, Liis** Nature Genetics 2020 / p. 342 - 352 <https://doi.org/10.1038/s41588-019-0557-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comprehensive study of proteolysis during cheese ripening = Proteolüüsi detailne iseloomustamine juustu valmimise käigus**

**Taivosalo, Anastassia** 2020 <https://digikogu.taltech.ee/et/Item/baa0efb7-99a7-47b4-a051-3046973593cc>

### **Computational results of the ecotoxic analysis of fly and bottom ash from oil shale power plants and shale oil production facilities**

**Lees, Heidi; Järvik, Oliver; Konist, Alar; Siirde, Andres; Maaten, Birgit** Chemical engineering transactions 2020 / p. 967-972 <https://doi.org/10.3303/CET2081162> <https://www.scopus.com/record/display.uri?eid=2-s2.0-85092033034&origin=inward&txId=0c1c7fc07fcc8f2767255413a47fc58b> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **A computational workflow for generating a voxel-based design approach based on subtractive shading envelopes and attribute information of point cloud data**

Alkadri, Miktha Farid; **De Luca, Francesco;** Turrin, Michel; Sariyildiz, Sevil Remote sensing 2020 / art. 2561 ; 28 p. : ill <https://doi.org/10.3390/rs12162561> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **COMSPECT : a compact model for green vegetation reflectance spectra in the 400–900 nm wavelength range**

**Udal, Andres; Jürise, Martin; Kaugerand, Jaanus; Sell, Raivo** Proceedings of the Estonian Academy of Sciences 2020 / p. 277-286 : ill <https://doi.org/10.3176/proc.2020.4.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Concept of hardware-in-the-loop test platform for microgrid with multi-agent approach**

Kuzin, Aleksei; Lukichev, Dmitry; **Demidova, Galina;** Anuchin, Alecksey 2020 IEEE 61st International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), Riga, Latvia, Nov. 5-7, 2020 : conference proceedings 2020 <https://doi.org/10.1109/RTUCON51174.2020.9316626>

### **Concept of the test Bench for electrical vehicle propulsion drive data acquisition**

**Rassõlkin, Anton; Rjabtšikov, Viktor; Vaimann, Toomas; Kallaste, Ants; Kuts, Vladimir** 2020 XI International Conference on Electrical Power Drive Systems (ICEPDS), Saint-Petersburg, Russia, October 4-7, 2020 2020 / p. 35-42 : ill <https://doi.org/10.1109/ICEPDS47235.2020.9249078>

### **Conceptualising building information modelling for construction education**

**Olowa, Theophilus Oluwarotimi Olatunde; Witt, Emlyn David Qivitoq; Lill, Irene** Journal of civil engineering and management 2020 / p. 551-563 <https://doi.org/10.3846/jcem.2020.12918> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Conclusions and outlook**

**Durst, Susanne;** Henschel, Thomas Knowledge risk management : From theory to praxis 2020 / p. 255-260 [https://doi.org/10.1007/978-3-030-35121-2\\_14](https://doi.org/10.1007/978-3-030-35121-2_14)

### **Configurable PCB to teach DC-DC converters in power electronics**

**Roasto, Indrek** 19th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Tartu, Estonia, January 14-17, 2020 2020 / p. 19-20 : ill [https://www.ester.ee/record=b5291755\\*est](https://www.ester.ee/record=b5291755*est)

### **A configurable radio jamming prototype for physical layer attacks against malicious unmanned aerial vehicles**

Caforio, Giulio; Scazzoli, Davide; Reggiani, Luca; Magarini, Maurizio; **Le Moullec, Yannick; Alam, Muhammad Mahtab** 2020 17th Biennial Baltic electronics conference, Tallinn, Estonia, October 6-8, 2020 : proceedings 2020 / 6 p. : ill <https://doi.org/10.1109/BEC49624.2020.9277253>

### **Connecting science, society and policy : experience of a small country**

**Soomere, Tarmo** 3rd Baltic Earth Conference : Earth system changes and Baltic Sea coasts, To be held in Jastarnia, Hel Peninsula, Poland, 1 to 5 June 2020, Held online, 2-3 June 2020 : Conference proceedings 2020 / p. 10 ["proceedings"](#)

### **Constructing aggregated time series data for energy system model analyses**

**Koduvere, Hardi** 19th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Tartu, Estonia, January 14-17, 2020 2020 / p. 163-164 : ill [https://www.ester.ee/record=b5291755\\*est](https://www.ester.ee/record=b5291755*est)

### **Construction classification - approach in small societies**

**Liias, Roode** Current trends in civil & structural engineering 2020 / 2 p. : ill <https://doi.org/10.33552/CTCSE.2020.05.000604>

### **Construction of gender-specific regression models for aortic length estimation based on computed tomography images**

**Zemtsovskaja, Galina; Pilt, Kristjan;** Samarin, Andrei; **Albina, Jelena; Meigas, Kalju; Viigimaa, Margus** Health and technology 2020 / p. 679-687 : ill <https://doi.org/10.1007/s12553-019-00391-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Construction with digital twin information systems**

Sacks, Rafael; Brilakis, Ioannis; **Pikas, Ergo;** Xie, Haiyan Sally; Girolami, Mark Data-centric engineering 2020 / art. e14, 26 p <https://doi.org/10.1017/dce.2020.16>

### **Contemporary innovation challenges – future of adoption artificial intelligence: case of Estonia**

Gavrilova, Valeria; **Gurvits-Suits, Natalie Aleksandra** European integration studies 2020 / p. 217-225 <https://doi.org/10.5755/j01.eis.1.14.26143>

### **The contemporary issues of post-mortem personal data protection in the EU after GDPR entering into force**

**Hamulak, Ondrej;** Kocharyan, Hovsep; **Kerikmäe, Tanel** Czech yearbook of public and private international law ; 11 2020 / p. 225-238 <https://rozkotova.cld.bz/CYL-vol-11-2020/224/>

### **Contemporary Trends and Challenges in Finance : proceedings from the 5th Wroclaw International Conference in Finance**

2020 <https://doi.org/10.1007/978-3-030-43078-8>

### **Contemporary trends in hydrophysical and hydrochemical parameters in the NE Baltic Sea**

**Lainela, Silvie;** Herkül, Kristjan; Leito, Ivo; Jaanus, Andres; Suursaar, Ülo Estonian journal of earth sciences 2020 / p. 91-108 : ill <https://doi.org/10.3176/earth.2020.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Context Factors Facilitating and Hindering Patient Participation in Dialysis Care: A Focus Group Study With Patients and Staff**

Årestedt, Liselott; Martinsson, Caroline; Hjelm, Carina; **Uhlen, Nils Fredrik Arne;** Eldh, Ann Catrine Worldviews on evidence-based nursing 2020 / p. 457-464 <https://doi.org/10.1111/wvn.12452>

### **Contextual equivalence for signal flow graphs**

Bonchi, Filippo; Piedeleu, Robin; **Sobocinski, Pawel Maria;** Zanasi, Fabio Foundations of Software Science and Computation Structures : 23rd International Conference, FOSSACS 2020, Held as Part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2020, Dublin, Ireland, April 25-30, 2020 : proceedings 2020 / p. 77-96 [https://doi.org/10.1007/978-3-030-45231-5\\_5](https://doi.org/10.1007/978-3-030-45231-5_5) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

### **Continuum Waves**

**Contribution of atmospheric teleconnections in regional wave climate variability based on EOF application : Baltic Sea case**

**Najafzadeh, Fatemeh; Kudryavtseva, Nadezhda; Soomere, Tarmo** American Geophysical Union, Fall Meeting 2020 2020 / abstract <https://ui.adsabs.harvard.edu/#abs/2020AGUFMOS0470002N/abstract>

**Contributions of and honors to the Academy members**

Estonian Academy of Sciences yearbook 2019 : words and images. Facts and figures = Annales Academiae Scientiarum Estonicae 2020 / p. 119-121 [https://www.ester.ee/record=b1218154\\*est](https://www.ester.ee/record=b1218154*est)

**Control of energy storage devices under uncertainty using nonlinear feedback systems**

Levron, Yoash; **Belikov, Juri** 2020 IEEE Power & Energy Society General Meeting : (PESGM 2020) Montreal, Quebec, Canada, 2-6 August 2020 : proceedings 2020 / p. 95-99 <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9281879>

**Control of radial increment and winding density of composite cylindrical shells**

Kutin, Aleksei; **Arjassov, Gennadi; Vu, Trieu Minh**; Musalimov, Victor; Moezzi, Reza; Cyrus, Jindrich MM science journal 2020 / p. 4149-4153 [https://doi.org/10.17973/MMSJ.2020\\_11\\_2020058](https://doi.org/10.17973/MMSJ.2020_11_2020058) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Controls on the 14C content of dissolved and particulate organic carbon mobilized across the Mackenzie River basin, Canada**

Campeau, A.; Soerensen, A.L.; **Martma, Tõnu**; Akerblom, S.; Zdanowicz, Christian Global biogeochemical cycles 2020 / 15 p. : ill <https://doi.org/10.1029/2020GB006671> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Conventional and unconventional monetary policies: effects on the Finnish housing market**

**Rosenberg, Signe** Baltic journal of economics 2020 / p. 170-186 <https://doi.org/10.1080/1406099X.2020.1792085> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Cooperative interference avoidance scheduler for radio resource management in NB-IoT systems**

**Mwakwata, Collins Burton; Alam, Muhammad Mahtab; Le Moullec, Yannick; Malik, Hassan; Päränd, Sven** EuCNC 2020: 2020 European Conference on Networks and Communications (EuCNC), Dubrovnik, Croatia, Croatia, 15-18 June 2020 : proceedings 2020 / p. 154-159 <https://doi.org/10.1109/EuCNC48522.2020.9200967>

**Coordinated planning strategy for integrated energy systems in a district energy sector**

Yang, Wentao; Liu, Weijia; Chung, Chi Yung; **Wen, Fushuan** IEEE Transactions on sustainable energy 2020 / p. 1807-1819 <https://doi.org/10.1109/TSTE.2019.2941418>

**Copernicus Marine Service Ocean State Report. Issue 4**

von Schuckmann, Karina; Le Traon, Pierre-Yves; Aaboe, Signe; **Laanemäe, Kaari; Maljutenko, Ilja; Raudsepp, Urmas; Uiboupin, Rivo** Journal of Operational Oceanography 2020 / p. S1 - S172 <https://doi.org/10.1080/1755876X.2020.1785097> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Copper(II)-binding equilibria in human blood**

Kirsipuu, Tiina; Zadorožnaja, Anna; **Smirnova, Julia; Friedemann, Merlin**; Plitz, Thomas; **Tõugu, Vello; Palumaa, Peep** Scientific reports 2020 / art. 5686, 10 p. : ill <https://doi.org/10.1038/s41598-020-62560-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Co-pyrolysis and co-gasification of biomass and oil shale**

**Järvik, Oliver; Sulg, Mari; Cascante Cirici, Pau**; Eldermann, Meelis; **Konist, Alar**; Gusca, Julija; Siirde, Andres Environmental and Climate Technologies 2020 / p. 624-637 : ill <https://doi.org/10.2478/rtuct-2020-0038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Coronavirus and the cost of non-Europe: An analysis of the economic benefits of common European action**

**Evas, Tatjana**; Heflich, Aleksandra; Lomba, Niombo; Müller, Klaus; Navarra, Cecilia; Panella, Lauro; Saulnier, Jerome Leon; Stjernquist, Annika; Ballegooij, Wouter van 2020 [https://www.europarl.europa.eu/RegData/etudes/IDAN/2020/642837/EPRS\\_IDA\(2020\)642837\\_EN.pdf](https://www.europarl.europa.eu/RegData/etudes/IDAN/2020/642837/EPRS_IDA(2020)642837_EN.pdf)

**Corporate governance as a corporate social responsibility reporting determinant**

**Tapver, Triinu** Eurasian economic perspectives : proceedings of the 28th Eurasia Business and Economics Society Conference 2020 / p. 113-128 [https://doi.org/10.1007/978-3-030-48531-3\\_8](https://doi.org/10.1007/978-3-030-48531-3_8) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Correction to: CO2 mineralization by burnt oil shale and cement bypass dust: effect of operating temperature and pre-treatment (Journal of Thermal Analysis and Calorimetry, (2020), 142, 2, (991-999), 10.1007/s10973-020-09349-9)**

**Yörük, Can Rüstü; Uibu, Mai; Usta, Mustafa Cem; Kaljuvee, Tiit; Triikkel, Andres** Journal of Thermal Analysis and Calorimetry 2020 / p. 1001 <https://doi.org/10.1007/s10973-020-09973-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article](#)

[at WOS](#)

**Correction to: On the Logical Philosophy of Assertive Graphs (Journal of Logic, Language and Information, (2020), 29, 4, (375-397), 10.1007/s10849-020-09315-6)**

Chiffi, Daniele; **Pietarinen, Ahti-Veikko** Journal of Logic, Language and Information 2020 / p. 399 <https://doi.org/10.1007/s10849-020-09315-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Correlation between electrical bioimpedance and pressure waveform in radial artery and in mechanical pulsating pipe system**

**Metshein, Margus; Annus, Paul; Land, Raul; Rist, Marek; Min, Mart; Märtens, Olev** 2020 IEEE International Instrumentation and Measurement Technology Conference (I2MTC 2020), May 25-29, 2020, Dubrovnik, Croatia : proceedings 2020 <https://doi.org/10.1109/I2MTC43012.2020.9128972>

**Corrigendum to “Case-control study on occupational exposure to extremely low-frequency electromagnetic fields and the association with acoustic neuroma” [Environ. Res. (2020), 187, 109621] (Environmental Research (2020) 187, (S0013935120305144), (10.1016/j.envres.2020.109621))**

Carlberg, Michael; **Koppel, Tarmo**; Ahonen, Mikko; Hardell, Lennart Environmental Research 2020 / Art. nr. 109806 <https://doi.org/10.1016/j.envres.2020.109806> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Cosmolocalism: understanding the transitional dynamics towards post-capitalism**

Schismenos, Alexandros; Niaros, Vasileios; **Lemos, Lucas** tripleC: Communication, Capitalism & Critique 2020 / p. 670–684 <https://doi.org/10.31269/triplec.v18i2.1188> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Cost and energy reduction of a New nZEB wooden building**

**Arumägi, Endrik; Kalamees, Targo** Energies 2020 / art. 3570, 16 p. : ill <https://doi.org/10.3390/en13143570> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Cost reduction of the new NZEB Wooden building – case study of the kindergarten in Estonia**

**Arumägi, Endrik; Kalamees, Targo** E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 13002, 8 p. : ill <https://doi.org/10.1051/e3sconf/202017213002> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**A cost-effective electric vehicle intelligent charge scheduling method for commercial smart parking lots using a simplified convex relaxation technique**

Jawad, Muhammad; Qureshi, Muhammad Bilal; Ali, Sahibzada Muhammad; **Shabbir, Noman**; Khan, Muhammad Usman; Aloraini, Afnan; Nawaz, Raheel Sensors 2020 / p. 1-19 <https://doi.org/10.3390/s20174842> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Cost-effective synthesis of electrodeposited NiCo2O4 nanosheets with induced oxygen vacancies : a highly efficient electrode material for hybrid supercapacitors**

Pappu, Samhita; Nanaji, Katchala; **Mandati, Sreekanth**; Rao, Tata Naransinga; **Martha, Surendra K.**; **Bulusu, Sarada V.** Batteries and supercaps 2020 / p. 1209-1219 <https://doi.org/10.1002/batt.202000121>

**Couceiro, Miguel; Devillet, Jimmy. Every quasitrivial  $(n)$ -ary semigroup is reducible to a semigroup : [review]**

**Henno, Jaak** Zentralblatt MATH 2020 / 1 p <https://zbmath.org/?q=an:1446.20084>

**Counting with Alice**

**Moktefi, Amirouche** RIPEM: International Journal for Research in Mathematics Education Literature and Mathematics: possible interrelationships 2020 / p.58-68 <https://doi.org/10.37001/ripem.v10i2.2173>

**Coutinho, Adriana; Lambert, Rodrigo; Rousseau, Jérôme. Matching strings in encoded sequences : [review]**

**Henno, Jaak** Zentralblatt MATH 2020 / 1 p <https://zbmath.org/?q=an:1442.94028>

**Coverage analysis of NB-IoT and sigfox : two Estonian University campuses as a case study**

Poddar, Nishant; Mass, Jakob; **Khan, Sikandar Muhammad Zulqarnain** 2020 16th International Wireless Communications & Mobile Computing Conference (IWCMC) : Limassol, Cyprus, June 15 - 19, 2020 2020 / p. 1491-1497 : ill <https://doi.org/10.1109/IWCMC48107.2020.9148570>

**COVID-19 and public-sector capacity**

Mazzucato, Mariana; **Kattel, Rainer** Oxford review of economic policy 2020 / p. S256-S269 <https://doi.org/10.1093/oxrep/graa031>

**Covid-19 and the digital revolution**

Hantrais, Linda; Allin, Paul; Kritikos, Mihalís; **Sogomonjan, Melita**; Anand, Prathivadi B.; Livingstone, Sonia; Williams, Mark; Innes, Martin Contemporary social science 2020 / p. 256-270 <https://doi.org/10.1080/21582041.2020.1833234> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Covid-19 ja südamehaigused : kardioloog Margus Viigimaa jagab soovitusi COVID-19 riskigrupile : [video]**  
**Viigimaa, Margus** tervis.postimees.ee 2020 / video <https://tervis.postimees.ee/6945323/kardioloog-margus-viigimaa-jagab-soovitusi-covid-19-riskigrupile>

**Covid-19 leviku tõkestamisel võib mängida võtmerolli hea ventilatsioon [Võrguväljaanne]**  
**Kurnitski, Jarek** novaator.err.ee 2020 / fot [Covid-19 leviku tõkestamisel võib mängida võtmerolli hea ventilatsioon](#)

**COVID-19 mobile positioning data contact tracing and patient privacy regulations : exploratory search of global response strategies and the use of digital tools in Nigeria**

**Ekong, Iniobong; Chukwu, Emeka;** Chukwu, Martha JMIR mHealth and uHealth 2020 / art. e19139, 7 p. : ill  
<https://doi.org/10.2196/19139> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Covid-19 pandemic: early implications for North European manufacturing and logistics**

**Hilmola, Olli-Pekka Kristian;** Lähdeaho, Oskari; Henttu, Ville; Hilletoft, Per Sustainability 2020 / art. 8315, 13 p  
<https://doi.org/10.3390/su12208315> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Creation of software platform for distance use of lab equipment and data in Virumaa College at Tallinn University of Technology**

**Shvets, Oleg; Murtazin, Kristina; Piho, Gunnar** 2020 43rd International Convention on Information, Communication and Electronic Technology (MIPRO), 28 Sept.-2 Oct. 2020, Opatija, Croatia : proceedings 2020 / p. 1591-1595  
<https://doi.org/10.23919/MIPRO48935.2020.9245261>

**CREB family transcription factors are major mediators of BDNF transcriptional autoregulation in cortical neurons**

**Esvald, Eli-Eelika; Tuvikene, Jürgen; Sirp, Alex;** Patil, Sudarshan; Bramham, Clive; Timmusk, Tõnis Journal of neuroscience 2020 / p. 1405-1426 : ill <https://doi.org/10.1523/JNEUROSCI.0367-19.2019> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Credit constraints and RD over the boom and bust: Firm-level evidence from Central and Eastern Europe**

**Männasoo, Kadri;** Meriküll, Jaanika Economic systems 2020 / art. 100747, 14 p. <https://doi.org/10.1016/j.ecosys.2020.100747> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Creep and high temperature fatigue performance of as build selective laser melted Ti-based 6Al-4V titanium alloy**

**Viespoli, Luigi Mario;** Bressan, Stefano; Itoh, Takamoto; Hiyoshi, Noritake; Prashanth, Konda Gokuldoss; Berto, Filippo Engineering failure analysis 2020 / art. 104477, 9 p. : ill <https://doi.org/10.1016/j.engfailanal.2020.104477> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Criteria for the selection of porous cores for thermoacoustic applications**

**Auriemma, Fabio;** Napolitano, Marialuisa; Elio Di, Giulio; Dragonetti, Raffaele INTER-NOISE and NOISE-CON Congress and Conference Proceedings 2020 / p. 119-126 <https://www.ingentaconnect.com/contentone/ince/incecp/2020/00000261/00000006/art00016>

**Critical aspects for collision induced oil spill response and recovery system in ice conditions: A model-based analysis**

**Lu, Liangliang;** Goerlandt, Floris; **Tabri, Kristjan;** Hoglund, Anders; Banda, Osiris A. Valdez; Kujala, Pentti Journal of loss prevention in the process industries 2020 / art. 104198, 20 p. : ill <https://doi.org/10.1016/j.jlp.2020.104198> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Cross-cultural differences in driver aggression, aberrant, and positive driver behaviors**

**Ersan, Özlem;** Üzümcüoğlu, Yesim; Azik, Derya; **Pashkevich, Anton; Pashkevich, Maria** Transportation research part F: traffic psychology and behaviour 2020 / p. 88-97 <https://doi.org/10.1016/j.trf.2020.03.020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Cross-cultural differences in pedestrian behaviors in relation to values : a comparison of five countries**

**Solmazer, Gaye;** Azik, Derya; Fındık, Gizem; Üzümcüoğlu, Yeşim; **Pashkevich, Anton; Pashkevich, Maria** Accident analysis & prevention 2020 / art. 105459 <https://doi.org/10.1016/j.aap.2020.105459> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Crumb rubber as a secondary raw material from waste rubber : a short review of end-of-life mechanical processing methods**

**Lapkovskis, Vjaceslavs;** Mironovs, Viktors; Kasperovich, Andrei; Myadelets, Vadim; **Goljandin, Dmitri** Recycling 2020 / art. 32, 20 p. : ill <https://doi.org/10.3390/recycling5040032> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Crystal structure and magnetic properties of Peacock- Weakley type polyoxometalates Na<sub>9</sub>[Ln(W<sub>5</sub>O<sub>18</sub>)<sub>2</sub>] (Ln = Tm, Yb): Rare example of Tm(III) SMM**

**Mariichak, Oleksandra; Kaabel, Sandra; Karpichev, Yevgen;** Rozantsev, Georgiy M.; Radio, Serhii V.; Pichon, Celine Magnetochemistry 2020 / 14 p. : ill <https://doi.org/10.3390/magnetochemistry6040053> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Crystallization and growth kinetics of Zr65Cu25Ni5Ag2.5Al2.5 glass**

**Prashanth, Konda Gokuldoss** Material design & processing communications 2020 / art. e137, 10 p. : ill

<https://doi.org/10.1002/mdp2.137> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Cu(II) partially protects three histidine residues and the N-terminus of amyloid-β peptide from diethyl pyrocarbonate (DEPC) modification**

**Friedemann, Merlin; Tõugu, Vello; Palumaa, Peep** FEBS Open Bio 2020 / p. 1072-1081 <https://doi.org/10.1002/2211-5463.12857>

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

### **Cultivation of Algae Polyculture in Municipal Wastewater with CO2 Supply**

**Podkuiko, Lara; Kasemets, Mari-Liis; Kikas, Timo; Lips, Inga** Environmental and Climate Technologies 2020 / p. 188-200

<https://doi.org/10.2478/rtuct-2020-0096>

### **Cultural entanglement in Early Modern letter-writing: David Hilchen's correspondence with humanists from the Low Countries**

**Viiding, Kristi; Hoffmann, Thomas** Journal of baltic studies 2020 / p. 315-331 <https://doi.org/10.1080/01629778.2020.1790401>

### **Culture of fear and its impact on political communication in the post-truth political environment**

**Mölder, Holger** ECPR General Conference Online, Virtual event, 24-28 August 2020 2020 / 15 p

<https://ecpr.eu/Events/Event/PaperDetails/55881>

### **Cu-Ni-Sn alloy fabricated by melt spinning and selective laser melting: a comparative study on the microstructure and formation kinetics**

**Zhao, Chao; Wang, Zhi; Li, Daoxi; Kollo, Lauri; Luo, Zongqiang; Zhang, Weiwen; Prashanth, Konda Gokuldoss** Journal of materials research and technology 2020 / p. 13097-13105 <https://doi.org/10.1016/j.jmrt.2020.09.047> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Current practice on power quality legislation within European transmission systems – results from Horizon 2020 project MIGRATE**

**Kilter, Jako; Trummel, Tarmo; Löper, Mari; Palu, Ivo** 2020 19th International Conference on Harmonics and Quality of Power (ICHQP), 6-7 July 2020, Dubai, UAE 2020 <https://doi.org/10.1109/ICHQP46026.2020.9177907>

<https://doi.org/10.1109/ICHQP46026.2020.9177907>

### **Current situation and prospect of grid codes for a power system with integrated photovoltaic generation**

**Duan, Shuyin; Zhang, Shuyan; Wen, Fushuan; Shania, Farhad; Palu, Ivo; Zou, Bo; Dai, Pan** 2020 International Conference on Smart Grids and Energy Systems (SGES): 23-26 Nov. 2020 2020 / p. 832-836 <https://doi.org/10.1109/SGES51519.2020.00153>

### **Current tasks of academies and academia**

**Engelbrecht, Jüri; Djurovic, Momir; Reuter, Thomas** Cadmus 2020 / p. 118-126 <http://www.cadmusjournal.org/article/volume-4/issue-2-part-1/current-tasks-academies-and-academia>

### **Curricula reforms through structural reforms**

**Vaimann, Toomas; Rassõlkin, Anton; Palu, Ivo** 2020 XI International Conference on Electrical Power Drive Systems (ICEPDS), Saint-Petersburg, Russia, October 4-7, 2020 2020 / p. 1-5 : ill <https://doi.org/10.1109/ICEPDS47235.2020.9249084>

### **Curriculum for business information technology studies at BSc and MSc levels - observations from a long-term educational endeavour**

**Murtazin, Kristina; Shvets, Oleg; Piho, Gunnar** Proceedings of the 2020 IEEE Global Engineering Education Conference (EDUCON) : Engineering Education for the Future in a Multicultural and Smart World, 27-30 April, 2020, Porto, Portugal 2020 / p. 409-418 : ill <https://doi.org/10.1109/EDUCON45650.2020.9125345>

### **Customer experience and commitment in retailing : does customer age matter?**

**Khan, Imran; Hollebeek, Linda Desiree; Fatma, Mobin; Islam, Jamid Ul; Riivits-Arkonsuo, Ivi** Journal of Retailing and Consumer Services 2020 / Art. nr. 102219 <https://doi.org/10.1016/j.jretconser.2020.102219> [Journal metrics at WOS](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Cyber attacks on power system automation and protection and impact analysis**

**Rajkumar, Vetrivel Subramaniam; Tealane, Marko; Stefanov, Alexandru; Presekal, Alfian; Palensky, Peter** Proceedings of 2020 IEEE PES Innovative Smart Grid Technologies Europe (ISGT-Europe), 26-28 October, 2020 2020 / p. 247-254 <https://doi.org/10.1109/ISGT-Europe47291.2020.9248840>

### **Cyber attacks on protective relays in digital substations and impact analysis**

**Rajkumar, Vetrivel Subramaniam; Tealane, Marko; Stefanov, Alexandru; Palensky, Peter** 8th Workshop on Modeling and Simulation of Cyber-Physical Energy Systems(MSCPES), Virtual Workshop, online, from April 21, 2020 : proceedings 2020 / 6 p. : ill <https://doi.org/10.1109/MSCPES49613.2020.9133698>

### **Cyber commands - a universal solution to a universal cyber security challenge?**

**Alatalu, Siim** Redesigning organizations 2020 / p. 27-43 [https://doi.org/10.1007/978-3-030-27957-8\\_2](https://doi.org/10.1007/978-3-030-27957-8_2)

### **The cyber-insurance market in Norway**

**Bahsi, Hayrettdin**; Franke, Ulrik; Langfeldt Friberg, Even Information and computer security 2020 / p. 54–67

<https://doi.org/10.1108/ICS-01-2019-0012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Cybersecurity knowledge requirements for strategic level decision makers**

Garcia-Granados, F.; **Bahsi, Hayrettdin** Proceedings of the 15th International Conference on Cyber Warfare and Security (ICWS) : Old Dominion University (ODU), Norfolk, Virginia, USA, 12-13 March 2020 2020 / p. 559-568 <https://doi.org/>

### **Cyberterrorism : A Schrödinger's cat**

**Kerttunen, Mika** Routledge handbook of international cybersecurity 2020 / p. 161-173 <https://doi.org/10.4324/9781351038904-15>

### **Dago Antov: kihutamine linnades on probleem [Võrguväljaanne]**

Lass, Liisu; **Antov, Dago** err.ee 2020 / fot [Dago Antov: kihutamine linnades on probleem](#)

### **Databases and Information Systems : 14th International Baltic Conference, DB&IS 2020, Tallinn, Estonia, June 16-19, 2020 : Proceedings**

2020 <https://doi.org/10.1007/978-3-030-57672-1>

### **Data-driven cross-layer fault management architecture for sensor networks**

**Vihman, Lauri; Kruusmaa, Maarja; Raik, Jaan** 16th European Dependable Computing Conference : EDCC 2020 : Virtual Conference, Munich, Germany, 7-10 September 2020 : proceedings 2020 / art. 20094188, p. 33-40

<https://doi.org/10.1109/EDCC51268.2020.00015>

### **Daughterless, the Drosophila orthologue of TCF4, is required for associative learning and maintenance of the synaptic proteome**

**Tamberg, Laura; Jaago, Mariliis; Säälilik, Kristi; Sirp, Alex; Tuvikene, Jürgen; Šubina, Anastassia; Kiir, Carl Alexander; Nurm, Kaja; Sepp, Mari; Timmusk, Tõnis; Palgi, Mari** Disease Models & Mechanisms 2020 / art. dmm042747, 15 p. : ill

<https://doi.org/10.1242/dmm.042747> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **David Hilchen (1561-1610) und das „Kolonienrecht“ des Codex Justinianus**

Siimets-Gross, Hesi; **Hoffmann, Thomas** Recht und Wirtschaft in Stadt und Land : neunter Rechtshistorikertag im Ostseeraum, 16.-20. Mai 2018 in Tallinn, Sagadi und Tartu, Estland = Law and economics in urban and rural environment : 9th Conference in Legal History in the Baltic Sea Area, 16-20 May 2018 in Tallinn, Sagadi and Tartu, Estonia 2020 / S. 421-437

[https://www.ester.ee/record=b5350710\\*est](https://www.ester.ee/record=b5350710*est)

### **De l'imagination nécessaire pour encercler un concept**

**Moktefi, Amirouche** L'Imagination : Actes du 37e Congrès de Association des Sociétés de philosophie de langue française, Rio de Janeiro, 26-31 Mars 2018 2020 / p. 45-60 <http://collegepublications.co.uk/contents/ABF00001.pdf>

### **Dealing with data streams: Complex event processing vs. data stream mining**

Lange, Moritz; Koschel, Arne; **Astrova, Irina** Computational Science and Its Applications – ICCSA 2020 : 20th International Conference, Cagliari, Italy, July 1–4, 2020 : Proceedings, Part IV 2020 / p. 3-14 [https://doi.org/10.1007/978-3-030-58811-3\\_1](https://doi.org/10.1007/978-3-030-58811-3_1)

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

### **Dearomatization of naphtols via alkylation**

**Larin, Anni; Lopp, Margus** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 51 : ill

<http://fntdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

### **Debate: The developed civil servant-providing agility and stability at the same time**

**Drechsler, Wolfgang; Kattel, Rainer** Public money and management 2020 / p. 549-551

<https://doi.org/10.1080/09540962.2020.1729522> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Decarbonization dispatching strategy for electric vehicles based on life cycle analysis**

Li, Zhonghui; Xu, Chengwei; Deng, Qing; **Wen, Fushuan; Palu, Ivo** 2020 IEEE International Conference on Environment and Electrical Engineering and 2020 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe), Madrid, Spain, 9-12 June 2020 : proceedings 2020 / 5 p. : ill <https://doi.org/10.1109/EEEIC/ICPSEurope49358.2020.9160631>

### **A decentralized distribution market mechanism considering renewable generation units with zero marginal costs**

Yang, Jiajia; Dong, Zhao Yang; **Wen, Fushuan**; Chen, Guo; Qiao, Yichen IEEE Transactions on Smart Grid 2020 / p. 1724 - 1736

<https://doi.org/10.1109/TSG.2019.2942616> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Decentralized privacy-preserving operation of multi-area integrated electricity and natural gas systems with renewable energy resources**

Qi, Feng; Shahidepour, Mohammad; **Wen, Fushuan**; Li, Zhiyi; He, Yubin; Yan, Mingyu IEEE Transactions on sustainable energy

2020 / p. 1785-1796 <https://doi.org/10.1109/TSTE.2019.2940624>

### **Deciphering the omics of plant-microbe interaction: perspectives and new insights**

Sharma, Minaxi; Sudheer, Surya; **Usmani, Zeba**; Rani, Rupa; Gupta, Pratishtha Current genomics 2020 / p. 343-362

<https://doi.org/10.2174/1389202921999200515140420> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Decision support tools for the management of eastern Baltic Sea coasts**

**Barzehkar, Mojtaba; Parnell, Kevin Ellis; Soomere, Tarmo** 3rd Baltic Earth Conference : Earth system changes and Baltic Sea coasts, To be held in Jastarnia, Hel Peninsula, Poland, 1 to 5 June 2020, Held online, 2-3 June 2020 : Conference proceedings 2020 / p. 135-136 "[proceedings](#)"

### **Decomposition model of contract for difference considering market power mitigation**

Xu, Chengwei; Pang, Kaiyuan; **Wen, Fushuan; Palu, Ivo**; Gong, Jianrong; Xie, Yuzhe; Chen, Cheng 2020 IEEE International Conference on Environment and Electrical Engineering and 2020 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe), Madrid, Spain, 9-12 June 2020 : proceedings 2020 / 5 p <https://doi.org/10.1109/EEEIC/ICPSEurope49358.2020.9160725>

### **Deep CNN based classification of the Archimedes spiral drawing tests to support diagnostics of the Parkinson's disease**

**Nömm, Sven; Zarembo, Sergei**; Medijainen, Kadri; Taba, Pille; Toomela, Aaro IFAC-Papers OnLine 2020 / p. 260-264

<https://doi.org/10.1016/j.ifacol.2021.04.185> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **A deep learning approach for LoS/NLoS identification via PRACH in UAV-assisted public safety networks**

Scazzoli, Davide; Magarini, Maurizio; Reggiani, Luca; **Le Moullec, Yannick; Alam, Muhammad Mahtab** 2020 IEEE 31st Annual International Symposium on Personal, Indoor and Mobile Radio Communications, August 31 - September 3, 2020 in London, United Kingdom : proceedings 2020 / 6 p <https://doi.org/10.1109/PIMRC48278.2020.9217127>

### **A deep learning system accurately classifies primary and metastatic cancers using passenger mutation patterns**

Jiao, Wei; Atwal, Gurnit; Polak, Paz; Karlic, Rosa; Cuppen, Edwin; Al-Shahrour, Fatima; Bailey, Peter J.; Biankin, Andrew V.; Boutros, Paul C.; **Uusküla-Reimand, Liis** Nature Communications 2020 / art. 728, 12 p. : ill <https://doi.org/10.1038/s41467-019-13825-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **DeepHLS: A complete toolchain for automatic synthesis of deep neural networks to FPGA**

**Riazati, Mohammad; Daneshmand, Masoud**; Sjödin, Mikael; Lisper, Björn ICECS 2020 - 27th IEEE International Conference on Electronics, Circuits and Systems, November 23-25, 2020, Virtual Conference : Proceedings 2020 / 4 p

<https://doi.org/10.1109/ICECS49266.2020.9294881>

### **Definition of a methodology for the development of a techno-economic study for CO2 transport, storage and utilization : Deliverable D7.1 of the Horizon 2020 CLEANER project [Online resource]**

**Šogenova, Alla; Šogenov, Kazbulat** 2020 "[cleaner](#)"

### **Definition of a reference residential building prototype for evaluating IAQ and energy efficiency strategies – Estonia**

**Palmiste, Ülar**; Lumilaan, Areenika Subtask 2: Pollutant loads in residential buildings (Common exercises) 2020 / p. 97–113 : ill

[https://iea-ebc.org/Data/publications/EBC\\_Annex\\_68\\_Subtask\\_2\\_Report\\_Part\\_II\\_October\\_2020.pdf](https://iea-ebc.org/Data/publications/EBC_Annex_68_Subtask_2_Report_Part_II_October_2020.pdf)

### **Degrading lists**

McDermott, Dylan; Pirog, Maciej; **Uustalu, Tarmo** Proceedings of the 22nd International Symposium on Principles and Practice of Declarative Programming (PPDP 2020), Part of BOPL 2020 : The Bologna Federated Conference on Programming Languages, 8-10 September 2020 2020 / art. 6, 14 p <https://doi.org/10.1145/3414080.3414084> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Demand-side Flexibility in Smart Grid**

**Ahmadihangar, Roya; Rosin, Argo; Palu, Ivo**; Azizi, Aydin 2020 <https://doi.org/10.1007/978-981-15-4627-3>

### **Demonstration experiments on the addition of unidirectional harmonic oscillations of the same frequency in the study of physics**

**Gavrilov, Aleksei** Journal of multidisciplinary engineering science studies 2020 / p. 3037-3040 : ill <http://www.jmess.org/wp-content/uploads/2020/01/JMESSP13420612.pdf>

### **DenseDisp: Resource-Aware Disparity Map Estimation by Compressing Siamese Neural Architecture**

Loni, Mohammad; Zoljodi, Ali; Maier, Daniel; Majd, Amin; **Daneshmand, Masoud**; Sjödin, Mikael; Juurlink, Ben H.H.; Akbari, Reza 2020 IEEE Congress on Evolutionary Computation (CEC) : conference proceedings 2020 / 8 p

<https://doi.org/10.1109/CEC48606.2020.9185611>

### **Densities, viscosities, and thermal conductivities of the ionic liquid 7-Methyl-1,5,7-triazabicyclo[4.4.0]dec-5-enium acetate and its mixtures with water**

**Baird, Zachariah Steven**; Uusi-Kyyny, Petri; Dahlberg, Artur; Cederkrantz, Daniel; Alopaeus, Ville International journal of thermophysics 2020 / art. 160, 21 p. : ill <https://doi.org/10.1007/s10765-020-02742-4>

### **Depopulation mechanism for incoherent terahertz source – THz Torch – based on GaAsBi/GaAs quantum well in**

### **GaAs/AlGaAs parabolic quantum well**

Karaliunas, Mindaugas; **Udal, Andres**; Valušis, Gintaras Lithuanian journal of physics 2020 / p. 113-124

<https://doi.org/10.3952/physics.v60i2.4226> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **(De)scrivere la Cina in viaggio : Voci, testi, mezzi**

**Calzati, Stefano** 2020 [https://www.francoangeli.it/Ricerca/scheda\\_libro.aspx?Id=26496](https://www.francoangeli.it/Ricerca/scheda_libro.aspx?Id=26496)

### **Design and implementation of a mechatronic elbow orthosis**

**Minh, Vu Trieu; Tamre, Mart**; Safonov, Aleksei; Musalimov, Victor; Kovalenko, Pavel; Monakhov, Iurii Mechatronics Systems and Control 2020 / p. 231 - 238 <https://doi.org/10.2316/J.2020.201-0056> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Design and implementation of a smart mechatronic elbow brace**

**Vu, Trieu Minh; Tamre, Mart; Safonov, Aleksei**; Musalimov, Victor; Kovalenko, Pavel; Monakhov, Iurii Handbook of research on advanced mechatronic systems and intelligent robotics 2020 / p. 1-18 : ill <https://doi.org/10.4018/978-1-7998-0137-5.ch001>

### **Design criteria for outdoor air intakes and exhaust air outlets located on an external wall**

**Palmiste, Ülar; Kurnitski, Jarek; Voll, Hendrik** E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 9008, 8 p. : ill <https://doi.org/10.1051/e3sconf/202017209008> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Design obfuscation versus test**

Farahmandi, Farimah; Sinanoglu, Ozgur; Blanton, Ronald; **Pagliarini, Samuel Nascimento** 2020 IEEE European Test Symposium (ETS) : ETS 2020, May 25 - 29, 2020, Tallinn, Estonia 2020 / 10 p <https://doi.org/10.1109/ETS48528.2020.9131590>

### **Design of a remote emotional requirements elicitation feedback method**

**Jackson, Eric Blake; Norta, Alexander** Third International Workshop on Affective Computing in Requirements Engineering, AffectRE : 1 september 2020, Zurich, Switzerland : Proceedings 2020 / 8 p <https://doi.org/10.1109/AffectRE51213.2020.00007>

### **Design of heterobivalent molecules and their applications in chemical biology and materials science = Heterobivalentsete molekulide disain ning nende rakendused keemilises bioloogias ja materjaliteaduses**

**Bhadoria, Rohit** 2020 <https://digikogu.taltech.ee/et/Item/1b7c1e2b-17e6-472e-a643-1e5cb9ea3929>

### **Design of high frequency transformer for isolated bridge-type PFC converter**

**Zinchenko, Denys; Blinov, Andrei; Vinnikov, Dmitri**; Ormison, Andres 2020 IEEE 4th International Conference on Intelligent Energy and Power Systems (IEPS), 06.07.2020 - 10.07.2020, Istanbul, Turkey 2020 / 8 p. : ill <https://doi.org/10.1109/IEPS51250.2020.9263134>

### **Design optimization of permanent magnet clutch**

**Andriushchenko, Ekaterina; Kallaste, Ants; Belahcen, Anouar; Heidari, Hamidreza; Vaimann, Toomas; Rassõlkin, Anton** 2020 International Conference on Electrical Machines (ICEM), 23-26 August 2020, Gothenburg, Sweden : online : proceedings 2020 / p. 436-440 <https://doi.org/10.1109/ICEM49940.2020.9270726>

### **Design rules for environmental biodegradability of phenylalanine alkyl ester linked ionic liquids**

Suk, Morten; Haiß, Annette; Westphal, Janin; Jordan, Andrew; Kellett, Andrew; **Kapitanov, Illia; Karpichev, Yevgen; Gathergood, Nicholas**; Kümmerer, Klaus Green chemistry 2020 / p. 4498-4508 <https://doi.org/10.1039/D0GC00918K> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Designing effective Chatbot solutions for the public sector: A case study from Ukraine**

**Petriv, Yulia; Erlenheim, Regina; Tsap, Valentyna; Pappel, Ingrid; Draheim, Dirk** Electronic Governance and Open Society: Challenges in Eurasia : 6th International Conference, EGOS 2019, St.Petersburg, Russia, November 13-14, 2019 : Proceedings 2020 / p. 320-335 [https://doi.org/10.1007/978-3-030-39296-3\\_24](https://doi.org/10.1007/978-3-030-39296-3_24) [Conference proceeding at Scopus](#) [Article at Scopus](#)

### **Designing N-substituted arylhydroxamic acids as catalytic acetylcholinesterase reactivators**

Bondar, Denys; **Veličina, Yevheniia; Karpichev, Yevgen** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 16 <http://fmdtk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

### **Detecting ship wakes for the study of coastal processes**

**Rätsep, Margus; Parnell, Kevin Ellis; Soomere, Tarmo** Journal of coastal research 2020 / p. 1258-1262 <https://doi.org/10.2112/SI95-243.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Detection of Chaetomium globosum, Ch. cochliodes and Ch. rectangulare during the Diversity Tracking of Mycotoxin-Producing Chaetomium-like Isolates Obtained in Buildings in Finland**

Salo, Marja Johanna; Kedves, Orsolya; Mikkola, Raimo; Kredics, Laszlo; Andersson, Maria A.; **Kurnitski, Jarek**; Salonen, Heidi Toxins 2020 / art. 443, 22 p. <https://doi.org/10.3390/toxins12070443> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Determination and comparison of ash melting temperature of a biomass blend by laboratory methods and thermodynamic modelling**

**Link, Siim**; Yrjas, Patrik; Lindberg, Daniel; **Trikkell, Andres** 28th European Biomass Conference and Exhibition : 6-9 July 2020 (Virtual), Marseille, France : proceedings 2020 / p. 322-328 <https://doi.org/10.5071/28thEUBCE2020-2BV.2.1>

## **Determination of design fires in compartments with combustible structure – modification of existing design equations**

Schmid, Joachim; Fahrni, Reto; Frangi, Andrea; Werther, Norman; Brandon, Daniël; **Just, Alar** Proceedings : meeting 52 : 26-29 August 2019, Tacoma WA, USA 2020 / p. 509-511 <https://doi.org/10.3929/ethz-b-000396127>

## **Determination of the corresponding roughness height in a WDS model containing old rough pipes**

**Annus, Ivar**; **Vassiljev, Anatoli**; **Kändler, Nils**; **Kaur, Katrin** Journal of water supply : research and technology - AQUA 2020 / p. 201–209 <https://doi.org/10.2166/aqua.2019.080>

## **Determination of time-dependent sources and parameters of nonlocal diffusion and wave equations from final data**

**Janno, Jaan** Fractional calculus and applied analysis 2020 / p. 1678–1701 <https://doi.org/10.1515/fca-2020-0083> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Determined-safe faults identification : a step towards ISO26262 hardware compliant designs**

Augusto da Silva, Felipe; **Bagbaba, Ahmet Cagri**; Sartoni, Sandro; Cantoro, Riccardo; Sonza Reorda, Matteo; Hamdioui, Said; Sauer, Christian 2020 25th IEEE European Test Symposium (ETS) 2020 / 6 p. : ill <https://doi.org/10.1109/ETS48528.2020.9131568>

## **Developing benthic monitoring programmes to support precise and representative status assessments: a case study from the Baltic Sea**

Nygard, Henrik; Lindegarth, Mats; Darr, Alexander; Dinesen, Grete E.; Eigaard, Ole R.; **Lips, Inga** Environmental monitoring and assessment 2020 / p. 1–18 : ill <https://doi.org/10.1007/s10661-020-08764-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Developing energy calculation methodology and calculation tool validations : Application in air-heated ice rink arenas**

Taebnia, Mehdi; Toomla, Sander; Leppä, Lauri; **Kurnitski, Jarek** Energy and buildings 2020 / art. 110389, 19 p. : ill <https://doi.org/10.1016/j.enbuild.2020.110389> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Developing requirements for the new encryption mechanisms in the Estonian eID infrastructure**

**Oruaas, Mart**; Willemson, Jan Databases and Information Systems : 14th International Baltic Conference, DB&IS 2020, Tallinn, Estonia, June 16-19, 2020 : Proceedings 2020 / p. 13-20 [https://doi.org/10.1007/978-3-030-57672-1\\_2](https://doi.org/10.1007/978-3-030-57672-1_2)

## **Development and performance assessment of prefabricated insulation elements for deep energy renovation of apartment buildings**

**Pihelo, Peep**; **Kuusk, Kalle**; **Kalamees, Targo** Energies 2020 / art. 1709, 20 p. : ill <https://doi.org/10.3390/en13071709> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Development and validation of reactive power regulator for synchronous generator using industrial controller and real-time digital simulator**

**Trummal, Tarmo** 19th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Tartu, Estonia, January 14-17, 2020 2020 / p. 165-166 : ill

## **Development challenges in Bhutan: Perspectives on inequality and gross national happiness; Tantric State: A Buddhist approach to democracy and development in Bhutan; Democratic transition in Bhutan: Political contests as moral battles : [book review]**

**Drechsler, Wolfgang** Asian affairs 2020 / p. 414-418 <https://doi.org/10.1080/03068374.2020.1747862>

## **Development of a battery sizing tool for nearly zero energy buildings**

**Ahmadihangar, Roya**; **Husev, Oleksandr**; **Blinov, Andrei**; Karami, Hossein; **Rosin, Argo** IECON 2020 The 46th Annual Conference of the IEEE Industrial Electronics Society 2020 / p. 5149-5154 : ill <https://doi.org/10.1109/IECON43393.2020.9254557> [Conference proceeding Article at Scopus](#) [Article at WOS](#)

## **Development of a monitoring system on environment and human health to control a smart bike**

Makarova, Irina; Boyko, Aleksey; **Pashkevich, Anton**; Tsybunov, Eduard 2020 21th International Carpathian Control Conference (ICCC) 2020 / 6 p <https://doi.org/10.1109/ICCC49264.2020.9257239>

## **Development of a reduced order model of solar heat gains prediction**

**Tamm, Meril**; Cid, Jordi Macia; Paramio, Roser Capdevila; Baulenas, Joan Farnos; **Thalfeldt, Martin**; **Kurnitski, Jarek** Energies 2020 / art. 6316, 17 p. : ill <https://doi.org/10.3390/en13236316> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Development of a validation regime for an autonomous campus shuttle**

Medrano-Berumen, Christopher; **Malayjerdi, Mohsen**; Ilhan Akbas, Mustafa; **Sell, Raivo** IEEE SoutheastCon 2020, Raleigh, NC, 28-29 March 2020 : IEEE Region 3's annual conference : virtual : proceedings 2020 / 8 p  
<https://doi.org/10.1109/SoutheastCon44009.2020.9249692>

#### **Development of analytical thermal analysis tool for synchronous reluctance motors**

**Shams Ghahfarokhi, Payam; Kallaste, Ants; Podgornovs, Andrejs; Belahcen, Anouar; Vaimann, Toomas** IET electric power applications 2020 / p. 1828-1836 <https://doi.org/10.1049/iet-epa.2020.0237> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Development of competences of customs officers : preliminary insights**

**Güldenköh, Maret**; Saar, Indrek; Koitla, Helle; Kaselo, Marika Estonian discussions on economic policy: theory and practice of economic policy = Eesti majanduspoliitilised väitlused: majanduspoliitika teooria ja praktika = Estnische Gespräche über Wirtschaftspolitik: Theorie und Praxis der Wirtschaftspolitik [Võrguteavik] 2020 / p. 66-84 <https://doi.org/10.15177/teep.v28i1-2.16802>

#### **Development of dearomatization of phenols with alkyl electrophiles**

**Lopušanskaja, Eleana; Lopp, Margus** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 55 : ill <http://fntdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

#### **Development of hemp hurd particleboards from formaldehyde-free resins**

**Alao, Percy Festus; Tobias, Micah Onyedikachi; Kallakas, Heikko; Poltimäe, Triinu; Kers, Jaan; Goljandin, Dmitri** Agronomy research 2020 / p. 679–688 : ill <https://doi.org/10.15159/AR.20.127> [Journal metrics at Scopus](#) [Article at Scopus](#)

#### **Development of hemp hurd particleboards from formaldehyde-free resins**

**Alao, Percy Festus; Tobias, Micah Onyedikachi; Kallakas, Heikko; Poltimäe, Triinu; Kers, Jaan; Goljandin, Dmitri** 11th International Conference Biosystems Engineering : May 6-8, 2020 in Tartu, Estonia : book of abstracts [Võrguteavik] 2020 / p. 99 [https://www.ester.ee/record=b5347289\\*est](https://www.ester.ee/record=b5347289*est)

#### **Development of photo-induced persulfate-based processes for efficient application in water treatment = Foto-indutseeritud persulfaadi-põhiste protsesside väljatöötamine efektiivseks rakendamiseks vee puhastamisel**

**Balpreet Kaur** 2020 <https://digikogu.taltech.ee/et/Item/f681dc13-dc11-4ad6-b728-aa232dfd8c59>

#### **Development of prefabricated insulation elements for buildings with aerated autoclaved concrete walls**

**Pihelo, Peep; Kalamees, Targo** E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 18001, 8 p. : ill <https://doi.org/10.1051/e3sconf/202017218001> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Development of robust participation strategies for an aggregator of electric vehicles in multiple types of electricity markets**

**Liu, Weijia; Wen, Fushuan; Dong, ZhaoYang; Palu, Ivo** Energy Conversion and Economics 2020 / p. 104-123 <https://doi.org/10.1049/enc2.12010>

#### **Development of TalTech flexible virtual power plant to aggregate demand-side flexibility**

**Ahmadihangar, Roya** 19th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Tartu, Estonia, January 14-17, 2020 2020 / p. 17-18 [https://www.ester.ee/record=b5291755\\*est](https://www.ester.ee/record=b5291755*est)

#### **Development of the US electric car market: macroeconomic determinants and forecasts**

**Sotnyk, Iryna; Hulak, Daniil; Yakushev, Oleksander; Yakusheva, Oksana; Prokopenko, Olha; Yevdokymov, Andrii** Polityka energetyczna – energy policy journal 2020 / p. 147–164 <https://doi.org/10.33223/epj/127921>

#### **Development, establishment and validation of in vitro and ex vivo assays of vascular calcification**

**Holmar, Jana; Noels, Heidi; Böhm, Michael; Bhargava, Shruti; Jankowski, Joachim; Orth-Alampour, Setareh** Biochemical and biophysical research communications 2020 / p. 462-470 <https://doi.org/10.1016/j.bbrc.2020.05.085>

#### **A DFT scheme to improve coverage of hard-to-detect faults in FinFET SRAMs**

**Cardoso Medeiros, Guilherme; Gürsoy, Cemil Cem; Fieback, Moritz; Wu, Lizhou; Jenihhin, Maksim; Taouil, Mottaqiallah; Hamdioui, Said** 2020 Design, Automation & Test in Europe Conference & Exhibition (DATE), 9-13 March 2020, Grenoble, France : proceedings 2020 / p. 792-797 <https://doi.org/10.23919/DATE48585.2020.9116278>

#### **Diagrammatic Representation and Inference : 11th International Conference, Diagrams 2020, Tallinn, Estonia, August 24–28, 2020 : proceedings**

2020 <https://doi.org/10.1007/978-3-030-54249-8>

#### **Die Vormundschaft nach estnischem Recht**

**Uusen-Nacke, Triin; Hoffmann, Thomas** Osteuropa Recht 2020 / p. 247-259 <https://doi.org/10.5771/0030-6444-2020-2-247>

#### **Differences in stationary and nonstationary analysis of water level extremes in Latvian waters, Baltic Sea, during 1961**

2018

**Männikus, Rain; Kudryavtseva, Nadezhda; Soomere, Tarmo** 3rd Baltic Earth Conference : Earth system changes and Baltic Sea coasts, To be held in Jastarnia, Hel Peninsula, Poland, 1 to 5 June 2020, Held online, 2-3 June 2020 : Conference proceedings 2020 / p.74-75 : ill ["proceedings"](#)

**Differential pressure sensor speedometer for autonomous underwater vehicle velocity estimation**

**Meurer, Christian; Francisco Fuentes-Perez, Juan;** Palomeras, Narcis; **Carreras, Marc; Kruusmaa, Maarja** IEEE Journal of Oceanic Engineering 2020 / p. 946 - 978 <https://doi.org/10.1109/JOE.2019.2907822> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Digiriigi kõikuv kuvand**

**Juhtkiri: digiriigi kõikuv kuvand**

Postimees 2020 / Lk. 2 <https://dea.digar.ee/article/postimees/2020/08/10/3.1> <https://leht.postimees.ee/7035953/juhtkiri-digiriigi-koikuv-kuvand>

**Digital health in cardiology : the Estonian perspective**

Lotman, Eno-Martin; **Viigimaa, Margus** Cardiology 2020 / p. 21–26 <https://doi.org/10.1159/000504564> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Digital health platform handbook : building a digital information infrastructure (infostructure) for health**

Parker, Ron; Garg, Shashank; **Metsallik, Janek;** Campos, Simao; Hodgkinson, Suzanne; Hasvold, Per; Mestres, J. C.; Manset, David; Done-Sik, Yoo; McDermott, Matthew 2020 [https://www.itu.int/dms\\_pub/itu-d/opb/str/D-STR-E\\_HEALTH.10-2020-PDF-E.pdf](https://www.itu.int/dms_pub/itu-d/opb/str/D-STR-E_HEALTH.10-2020-PDF-E.pdf)

**Digital self-interference cancellation: algorithmic performance analysis and software defined radio based realization**

Rani, Ritu; **Le Moullec, Yannick** 2020 17th Biennial Baltic electronics conference, Tallinn, Estonia, October 6-8, 2020 : proceedings 2020 / 6 p. : ill <https://doi.org/10.1109/BEC49624.2020.9277345>

**Digital Services Act**

Lomba, Niombo; **Evas, Tatjana** 2020 [https://www.europarl.europa.eu/RegData/etudes/STUD/2020/654180/EPRS\\_STU\(2020\)654180\\_EN.pdf](https://www.europarl.europa.eu/RegData/etudes/STUD/2020/654180/EPRS_STU(2020)654180_EN.pdf)

**Digital social work: tools for practice with individuals, organizations, and communities**

**Liiv, Innar** European journal of social work 2020 / p. 175-176 <https://doi.org/10.1080/13691457.2020.1767943>

**Digital support in logistics of home-care nurses for disabled and elderly people**

**Reinhold, Karin; Tint, Piia;** Traumann, Ada Human Interaction and Emerging Technologies : proceedings of the 1st International Conference on Human Interaction and Emerging Technologies (IHET 2019), August 22–24, 2019, Nice, France 2020 / p. 563-568 [https://doi.org/10.1007/978-3-030-25629-6\\_87](https://doi.org/10.1007/978-3-030-25629-6_87) [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Digital Twin : industrial robot kinematic model integration to the virtual reality environment**

**Kuts, Vladimir; Cherezova, Natalia; Sarkans, Martins; Otto, Tauno** Journal of machine engineering 2020 / p. 53–64 <https://doi.org/10.36897/jme/120182> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Digital twin as human-robot interaction validation tool**

**Kuts, Vladimir** 19th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Tartu, Estonia, January 14-17, 2020 2020 / p. 27-28 : ill [https://www.ester.ee/record=b5291755\\*est](https://www.ester.ee/record=b5291755*est)

**Digital twin for propulsion drive of autonomous electric vehicle**

**Rassõlkin, Anton** X Międzynarodowa Konferencja "Nauki społeczne i techniczne – zakres współpracy na rzecz postępu społecznego i technologicznego" 2020 / p. [36-37] : ill [https://mcbi.pl/wp-content/uploads/2020/06/skrypt\\_abstrakty\\_mailing-1.pdf](https://mcbi.pl/wp-content/uploads/2020/06/skrypt_abstrakty_mailing-1.pdf)

**Digital twin of an electrical motor based on empirical performance model**

**Rassõlkin, Anton; Rjabtšikov, Viktor; Vaimann, Toomas; Kallaste, Ants; Kuts, Vladimir;** Partyshev, Andriy 2020 XI International Conference on Electrical Power Drive Systems (ICEPDS), Saint-Petersburg, Russia, October 4-7, 2020 2020 / p. 11-14 : ill <https://doi.org/10.1109/ICEPDS47235.2020.9249366>

**Digital twins in extended reality for control system applications**

**Jeršov, Stanislav; Tepljakov, Aleksei** 2020 43rd International Conference on Telecommunications and Signal Processing : TSP 2020, Milan, Italy, July 7-9, 2020 2020 / art. 162353, p. 274-279 <https://doi.org/10.1109/TSP49548.2020.9163557>

**Digital work and organisational transformation : emergent digital/human work configurations in modern organisations**

Baptista, João; **Stein, Mari-Klara;** Klein, Stefan; Watson-Manheim, Mary Beth; Lee, Jungwoo Journal of Strategic Information Systems 2020 / Art. 101618 <https://doi.org/10.1016/j.jsis.2020.101618> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Digital-physical convergence of wave energy conversion [Online resource]**

**Vidjajev, Nikon; Alari, Victor;** Terentjev, Jan Book of Abstracts of the General Assembly 2020 (online event) of the WECANet COST

Action CA17105 : A pan-European Network for Marine Renewable Energy with a Focus on Wave Energy 2020 / p. 43 ["Digital-physical convergence of wave energy conversion"](#)

#### Digital-toolkit for sports tourism promoting

**Prokopenko, Olha**; Rusavska, Valentyna; Maliar, Nelia; Tvelina, Alisa; Opanasiuk, Nataliia; Aldankova, Halyna International journal of advanced research in engineering and technology 2020 / p. 84-96 <http://www.iaeme.com/IJARET/issues.asp?JType=IJARET&VType=11&IType=5> [Journal metrics at Scopus](#) [Article at Scopus](#)

#### Digitervise lahenduste tasustamist toetav raamistik ja ettepanekud [Võrguteavik]

**Kruus, Priit**; Kuslapuu, Maarja; Ross, Tanel; Elland, Maarja-Liis; Ross, Peeter; Metsallik, Janek; Metsla, Kerli 2020 [Digitervise lahenduste...](#)

#### Direct asymmetric three-component Mannich reaction catalyzed by chiral counteranion-assisted silver

Yin, Zhongyou; Guo, Jianxin; Zhang, Rui; **Borovkov, Victor** The journal of organic chemistry 2020 / p. 10369–10377 : ill <https://doi.org/10.1021/acs.joc.0c00031>

#### Directly electrospun electrodes for electrical double-layer capacitors from carbide-derived carbon

**Malmberg, Siret**; Arulepp, Mati; **Savest, Natalja**; Tarasova, Elvira; **Vassiljeva, Viktoria**; Krasnou, Illia; **Käärik, Maike**; **Mikli, Valdek**; **Krumme, Andres** Journal of electrostatics 2020 / art. 103396, 7 p. : ill <https://doi.org/10.1016/j.elstat.2019.103396> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### Discontinuity-driven mesh alignment for evolving discontinuities in elastic solids

Berezovski, Mihail; **Berezovski, Arkadi** Journal of computational physics 2020 / art. 109542, 21 p <https://doi.org/10.1016/j.jcp.2020.109542> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### "Discount" - the renewable energy production impact on electricity price

**Ulm, Lauri**; **Koduvere, Hardi**; **Palu, Ivo** 2020 IEEE 61st International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), Riga, Latvia, Nov. 5-7, 2020 : conference proceedings 2020 / 6 p <https://doi.org/10.1109/RTUCON51174.2020.9316611>

#### Discussion of "Rigid Water Column Model for Simulating the Emptying Process in a Pipeline Using Pressurized Air" by Oscar E. Coronado-Hernández, Vicente S. Fuertes-Miquel, Pedro L. Iglesias-Rey, and Francisco J. Martínez-Solano

Hou, Qingzhi; Li, Shunda; Tijsseling, Arris S.; **Laanearu, Janek** Journal of hydraulic engineering 2020 / art. 07020001, 6 p. : ill [https://doi.org/10.1061/\(ASCE\)HY.1943-7900.0001682](https://doi.org/10.1061/(ASCE)HY.1943-7900.0001682) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### Diskursusanalüüs andmestunud ühiskonnas

Tiidenberg, Katrin; **Masso, Anu**; Pilt, Maili; Laineste, Liisi Kuidas mõista andmestunud maailma? : metodoloogiline teejuht 2020 / lk. 462-493 [https://www.ester.ee/record=b5388794\\*est](https://www.ester.ee/record=b5388794*est)

#### Disruption of chromatin folding domains by somatic genomic rearrangements in human cancer

Akdemir, Kadir Caner; Le, Victoria T.; Chandran, Sahaana; Li, Yilong; Verhaak, Roel G.W.; Beroukhim, Rameen; Campbell, Peter J.; Chin, Lynda; Dixon, Jesse R.; Futreal, Phillip Andrew; **Uusküla-Reimand, Liis** Nature Genetics 2020 / p. 294 - 305 <https://doi.org/10.1038/s41588-019-0564-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### Distance learning in technical education on example of Estonia and Poland

**Vaimann, Toomas**; Stepień, Mariusz; **Rassõlkin, Anton**; **Palu, Ivo** 2020 XI International Conference on Electrical Power Drive Systems (ICEPDS), Saint-Petersburg, Russia, October 4-7, 2020 / p. 285-288 : ill <https://doi.org/10.1109/ICEPDS47235.2020.9249317>

#### Distsantsõpe lükkas e-õppele täiskäigu sisse

**Härmat, Karin** Mente et Manu 2020 / lk. 26-29 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est) <https://dea.digar.ee/article/AKmenteetmanu/2020/09/0/11.1>

#### Distsantsõppele üleminek on sujunud hästi

Mente et Manu 2020 / lk. 4-5 [https://www.ttu.ee/public/m/mente-et-manu/MM\\_02\\_2020/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_02_2020/mobile/index.html) [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

#### Distsantsõppest tehnikahariduses

**Vaimann, Toomas**; **Palu, Ivo** Elektriala 2020 / lk. 10-12 : portr [https://www.ester.ee/record=b1240496\\*est](https://www.ester.ee/record=b1240496*est)

#### Divergent mutational processes distinguish hypoxic and normoxic tumours

Bhandari, Vinayak; Li, Constance H.; Bristow, Robert G.; Boutros, Paul C.; Aaltonen, Lauri A.; Abascal, Federico; Abeshouse, Adam; Aburatani, Hiroyuki; Adams, David J.; **Uusküla-Reimand, Liis** Nature Communications 2020 / art. 737, 10 p. : ill <https://doi.org/10.1038/s41467-019-14052-x> [Article at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### Division algorithms - from past to present chance to improve area time and complexity for digital applications

**Patankar, Udayan Sunil;** Flores, Miguel E.; **Koel, Ants** LAEDC 2020 : Latin American Electron Devices Conference, San José, Costa Rica, February 25-28, 2020 2020 / 4 p <https://doi.org/10.1109/LAEDC49063.2020.9073050>

**Does chronotype restrict the employment options of creative R&D professionals?**

**Sõõru, Erve; Hazak, Aaro; Rebane, Marit** Biological rhythm research 2020 / p. 283-293 : tab  
<https://doi.org/10.1080/09291016.2018.1528681> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Does high-speed railway influence convergence of urban-rural income gap in China?**

Li, Weidong; Wang, Xuefang; **Hilmola, Olli-Pekka Kristian** Sustainability 2020 / art. 4236, 14 p <https://doi.org/10.3390/su12104236>

**Does internally generated hydrodynamic noise matter in the Baltic Sea?**

Storch, Hans von; Omstedt, Anders; **Elken, Jüri** 3rd Baltic Earth Conference : Earth system changes and Baltic Sea coasts, To be held in Jastarnia, Hel Peninsula, Poland, 1 to 5 June 2020, Held online, 2-3 June 2020 : Conference proceedings 2020 / p. 170-171 : ill "proceedings"

**Dogmast vabaks? Fiskaalpoliitika areng**

**Raudla, Ringa** Vikerkaar 2020 / lk. 152-155 [https://www.ester.ee/record=b1073213\\*est](https://www.ester.ee/record=b1073213*est)

**Doktorid 2020 / Tallinna Tehnikaülikool**

2020 [https://www.ester.ee/record=b4535112\\*est](https://www.ester.ee/record=b4535112*est)

**Doktorikraadi kaitsmisi : [ka TalTechis]**

Põlevad ja mitte põlevad energiaallikad = Combustible and non-combustible energy resources 2019/2020 2020 / Lk. 46  
[https://www.ester.ee/record=b4613503\\*est](https://www.ester.ee/record=b4613503*est)

**Doktoritöö aitab anda Eesti paneelmajade uuendamisele tööstusliku mõõtme [Võrguväljaanne]**

Oldermäe, Jaan-Juhan novaator.err.ee 2020 / fot [Doktoritöö aitab anda Eesti paneelmajade uuendamisele tööstusliku mõõtme](#)

**Doktoritöö heidab valgust Läänemere ja selle ranniku tangole [Võrguväljaanne]**

Oldermäe, Jaan-Juhan; **Eelsalu, Maris** novaator.err.ee 2020 / fot [Doktoritöö heidab valgust Läänemere ja selle ranniku tangole](#)

**Doktoritööd : aprill - august 2020 : [doktorikraadi kaitsesid O. Mikheeva, H. Berber, A. Truu, K. McBride, K. Lauri, P. Pihelo, M. Teras, M. Stoljarova, H. Maarand, A. Taivosalo, G. Kanter, M. Meyerhoff Nielsen, J. Viirik, Balpreet Kaur, R. Bhadoria, J. Kaugerand, A. T. Oluwabi, S. Rosenberg, M. Mustonen, A. S. Oyeniran, R. R. Ahnranjani, M. Härm, G. Z. Elek]**

Mente et Manu 2020 / lk. 72-73 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est) <https://dea.digar.ee/article/AKmenteetmanu/2020/09/0/26.1>

**Doktoritööd : detsember 2019 - veebruar 2020 : [doktorikraadi kaitsesid M. Jarkovoi, M. Yashin, B. Omranpour Shahreza, A. Haavajõe, A. Kervališvili, E. Õunapuu, M. Reimund, V. Kiaupaite-Grušniene, A. Talvik, M. Kaasik]**

Mente et Manu 2020 / lk. 65-69 [https://www.ttu.ee/public/m/mente-et-manu/MM\\_01\\_2020/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_01_2020/mobile/index.html)  
[https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

**Doktoritööd : september - november 2020 : [doktorikraadi kaitsesid J. Teras, N. Kinash, M. Olesk, M. Küttim, M. Eelsalu, A. Blas, M. Jürise, A. Köse]**

Mente et Manu 2020 / lk. 69 : fot <https://dea.digar.ee/cgi-bin/dea?a=is&oid=AKmenteetmanu202011&type=staticpdf>

**Doktoritööd : veebruar 2020 - aprill 2020 : [doktorikraadi kaitsesid P. Saar-Reismaa P. Molaiyan, A. Kidakova, P. Järv, J. Krištal, K. Valdmaa]**

Mente et Manu 2020 / lk. 64 [https://www.ttu.ee/public/m/mente-et-manu/MM\\_02\\_2020/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_02_2020/mobile/index.html)  
[https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

**Dong, L.; Guo, Q.; Wu, W.; Satpute, M. N. A semantic relatedness preserved subset extraction method for language corpora based on pseudo-Boolean optimization : [review]**

Henno, Jaak Zentralblatt MATH 2020 / 1 p <https://www.zbmath.org/?q=an:07239083>

**Dotsent Kostel Gerndorf (20.10.1945-26.06.2019) : in memoriam = Dozent Kostel Gerndorf (20.10.1945-26.06.2019) : in memoriam = Associate professor Kostel Gerndorf (20.10.1945-26.06.2019) : in memoriam**

**Saimre, Teo; Vaarmann, Mati; Kikas, Ants** Estonian discussions on economic policy : 100 years from signing the Peace Treaty of the Estonian War of Independence in Tartu (2.02.1920). 100 years from the first Constitution of the Republic of Estonia (was in effect from 1920 to 1933) = Eestis on sõlmitud rahu leping Tartus (2.02.1920). 100 aastat Eesti Vabariigi esimesest põhiseadusest (kehtis aastatel 1920-1933). 28, 1-2 2020 / lk. 83-90 : portr [https://www.ester.ee/record=b2280774\\*est](https://www.ester.ee/record=b2280774*est)

**Dotsent Kostel Gerndorf (20.10.1945-26.06.2019) : in memoriam = Dozent Kostel Gerndorf (20.10.1945-26.06.2019) : in memoriam = Associate professor Kostel Gerndorf (20.10.1945-26.06.2019) : in memoriam [Elektroniline teavik]**

**Saimre, Teo; Vaarmann, Mati; Kikas, Ants** Estonian discussions on economic policy (Articles) = Eestis on sõlmitud rahu leping Tartus (2.02.1920). 100 aastat Eesti Vabariigi esimesest põhiseadusest (kehtis aastatel 1920-1933). 28, 1-2 2020 / lk. 83-90 : portr [https://www.ester.ee/record=b2280774\\*est](https://www.ester.ee/record=b2280774*est)

Wirtschaftspolitik (Beiträge) = Eesti majanduspoliitilised väitlused (Artiklid). 28, 1-2 2020 / lk. 192-199 [CD-ROM]  
[https://www.ester.ee/record=b2280774\\*est](https://www.ester.ee/record=b2280774*est)

**Double deep Q-Learning approach for tuning microwave cavity filters using locally linear embedding technique**

**Sekhri, Even;** Kapoor, Rajiv; **Tamre, Mart** 2020 International Conference Mechatronic Systems and Materials (MSM) 2020 / 6 p. : ill  
<https://doi.org/10.1109/MSM49833.2020.9202393>

**Double power-law in leucosome width distribution: implications for recognizing melt movement in migmatites**

Saukko, Anna; Ahläng, Christian; Nikkilä, Kaisa; **Soesoo, Alvar;** Eklund, Olav *Frontiers in earth science* 2020 / 14 p. : ill  
<https://doi.org/10.3389/feart.2020.591871>

**Drivers of change and ecosystem status in a temperate lake over the last Post-Glacial period from 14.5 kyr [Online resource]**

Tönno, Ilmar; Freiberg, Rene; Talas, Liisi; Kisand, Anu; Belle, Simon; **Stivrinš, Normunds;** Alliksaar, Tiiu; Heinsalu, Atko; **Veski, Siim;** Kisand, Veljo *bioRxiv* 2020 / 26 p. : ill <https://doi.org/10.1101/2020.03.27.011502>

**Driving decarbonisation of the EU building stock by enhancing a consumer centred and locally based circular renovation process**

Tisov, Ana; **Kuusk, Kalle;** Navarro Escudero, Miriam; **Pihelo, Peep;** **Kalamees, Targo** *E3S Web of Conferences* : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020  
<https://doi.org/10.1051/e3sconf/202017218006> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Droplet image analysis with user-friendly freeware CellProfiler**

**Bartkova, Simona;** Vendelin, Marko; **Sanka, Immanuel;** Pata, Pille; **Scheler, Ott** *Analytical methods* 2020 / p. 2287-2294 : ill  
<https://doi.org/10.1039/D0AY00031K> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Droplet-based digital antibiotic susceptibility screen reveals singlecell clonal heteroresistance in an isogenic bacterial population**

**Scheler, Ott;** Makuch, Karol; Debski, Pawel R.; **Smolander, Olli-Pekka** *Scientific reports* 2020 / art. 3282, 8 p. : ill  
<https://doi.org/10.1038/s41598-020-60381-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A Dual-arm robot for collaborative vision-based object classification**

**Zahavi, Ali;** Najafi Haeri, Shahriar; **Chamara Liyanage, Dhanushka;** **Tamre, Mart** 2020 17th Biennial Baltic electronics conference, Tallinn, Estonia, October 6-8, 2020 : proceedings 2020 <https://doi.org/10.1109/BEC49624.2020.9277067>

**Dynamic chiral cyclohexanohemicucurbit[12]uril**

**Mishra, Kamini Atindrakumar;** Adamson, Jasper; Öeren, Mario; Kaabel, Sandra; **Fomitšenko, Maria;** Aav, Riina *Chemical communications* 2020 / p. 14645-14648 <https://doi.org/10.1039/D0CC06817A> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Dynamic of a planing hull in regular waves: Comparison of experimental, numerical and mathematical methods**

Tavakoli, Sasan; Niazmand Bilandi, Rasul; Mancini, Simone; De Luca, Fabio; **Dashtimanesh, Abbas** *Ocean engineering* 2020 / art. 107959, 24 p. : ill <https://doi.org/10.1016/j.oceaneng.2020.107959> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Dynamic slot allocation using non overlapping backoff algorithm in IEEE 802.15.6 WBAN**

**Saboor, Abdul;** Ahmad, Rizwan; Ahmed, Waqas; Kiani, Adnan Khalid; **Alam, Muhammad Mahtab;** Kuusik, Alar; **Le Moullec, Yannick** *IEEE sensors journal* 2020 / p. 10862-10875 : ill <https://doi.org/10.1109/JSEN.2020.2993795> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Dynamics of discontinuities in elastic solids**

**Berezovski, Arkadi;** Berezovski, Mihail *Mathematics and mechanics of solids* 2020 / p. 1416-1428  
<https://doi.org/10.1177/1081286517718603> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Dysfunctionality from the sovereignty conflict in the ATAD GAAR**

**Künnapas, Kaido** *TalTech journal of European studies* 2020 / p. 97-122 : ill <https://doi.org/10.1515/bjes-2020-0006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Early RTL analysis for SCA vulnerability in fuzzy extractors of memory-based PUF enabled devices**

**Lai, Xinhui;** Jenihhin, Maksim; Selims, Georgios *arXiv.org* 2020 / 6 p. : ill <https://doi.org/10.48550/arXiv.2008.08409>  
<https://arxiv.org/abs/2008.08409>

**Early Silurian recovery of Baltica crinoids following the end-Ordovician extinctions (Llandover, Estonia)**

Ausich, William I.; Wilson, Mark A.; **Toom, Ursula** *Journal of paleontology* 2020 / p. 521-530 : ill <https://doi.org/10.1017/jpa.2019.89>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Easy to use empirical model for green vegetation reflection spectrum in VIS-NIR range**

**Udal, Andres; Jürise, Martin; Kaugerand, Jaanus; Sell, Raivo** SPIE digital library 2020 / art. 115240H-1–14

<https://doi.org/10.1117/12.2570820> [Conference proceeding](#) [Article at Scopus](#) [Article at WOS](#)

### **An Eco-GAME meta-evaluation of existing methods for the appreciation of ecosystem services**

**Sajeva, Maurizio; Maidell, Marjo; Kotta, Jonne;** Peterson, Anne-Liis Sustainability 2020 / art. 7805, 47 p. : ill

<https://doi.org/10.3390/su12187805>

### **Ecohydraulics of river flow alterations and impacts on freshwater fish**

**Boavida, Isabel; Díaz-Redondo, Maria; Fuentes-Pérez, Juan Francisco;** Hayes, Daniel S.; Jesus, Joaquim; Moreira, Miguel; Belmar, Oscar; Vila-Martínez, Núria; Palau-Nadal, Antoni; Costa, Maria João Limnetica 2020 / p. 213-232

<https://doi.org/10.23818/limn.39.14> [Journal metrics](#) [at Scopus](#) [Article at Scopus](#) [Journal metrics](#) [at WOS](#) [Article at WOS](#)

### **Economic analysis and impact on national grid by domestic photovoltaic system installations in Pakistan**

**Shabbir, Noman;** Usman, Muhammad; Jawad, Muhammad; Zafar, Muhammad H.; **Iqbal, Muhammad Naveed; Kütt, Lauri**

Renewable energy 2020 / p. 509-521 : ill <https://doi.org/10.1016/j.renene.2020.01.114> [Journal metrics](#) [at Scopus](#) [Article at Scopus](#) [Journal metrics](#) [at WOS](#) [Article at WOS](#)

### **Economic feasibility analysis for a residential building in Tallinn with high electricity consumption. A case study with suitable energy storage for the Estonian climate**

**Rikkas, Elina Rebecka** 2020 17th International Conference on the European Energy Market (EEM) 2020 / 5 p

<https://doi.org/10.1109/EEM49802.2020.9221961>

### **Economic policy uncertainty shocks, economic activity, and exchange rate adjustments**

**Nilavongse, Rachatar;** Rubaszek, Michal; Uddin, Gazi Salah Economics letters 2020 / art. 108765, 4 p. : ill

<https://doi.org/10.1016/j.econlet.2019.108765> [Journal metrics](#) [at Scopus](#) [Article at Scopus](#) [Journal metrics](#) [at WOS](#) [Article at WOS](#)

### **Economic pulse electrodeposition for flexible CuInSe(2)solar cells**

**Mandati, Sreekanth;** Misra, Prashant; Boosagulla, Divya; Rao, Tata Naransinga; Sarada, Bulusu V. Materials for renewable and sustainable energy 2020 / art. 19, 6 p. : ill <https://doi.org/10.1007/s40243-020-00177-3>

### **Ecosystem services costs of metal mining and pressures on biomes**

**Tost, Michael;** Murguia, Diego; **Hitch, Michael William;** Lutter, Stephan; Luckeneder, Sebastian; Feiel, Susanne; Moser, Peter Extractive industries and society 2020 / p. 79-86 : ill <https://doi.org/10.1016/j.exis.2019.11.013> [Journal metrics](#) [at Scopus](#) [Article at Scopus](#) [Journal metrics](#) [at WOS](#) [Article at WOS](#)

### **Editorial**

International journal of disaster resilience in the built environment 2020 / p. 1-2 <https://doi.org/10.1108/IJDRBE-02-2020-084> [Journal metrics](#) [at Scopus](#) [Article at Scopus](#) [Journal metrics](#) [at WOS](#) [Article at WOS](#)

### **Edukas koostöö ettevõtte ja ülikooli vahel - ilus unistus või toimiv reaalsus?**

**Härmat, Karin** Mente et Manu 2020 / lk. 56-57 : fot [https://www.ttu.ee/public/m/mente-et-manu/MM\\_02\\_2020/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_02_2020/mobile/index.html)

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

### **EDUTECH - good practices in cooperation between schools and academia attracting candidates for technical education**

**Rassõlkin, Anton; Vaimann, Toomas; Kudelina, Karolina;** Stepień, Mariusz; Berger, Kevin 2020 IEEE 61st International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), Riga, Latvia, Nov. 5-7, 2020 : conference proceedings 2020 <https://doi.org/10.1109/RTUCON51174.2020.9316614>

### **Eelarvestamine masenduseta**

**Abe, Doris** Studioosus 2020 / lk. 32-33 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

### **Eemaldades tõrvatilku meepotist**

Sirp 2020 / lk. 14 : fot <https://www.sirp.ee/s1-artiklid/c21-teadus/teaduse-aastapreemia-eemaldades-torvatilku-meepotist-2/>

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

### **Eessõna**

**Riives, Jüri** Tööstuse 4.0 väljakutse : metallitöötajate võimestamine nutikate tehaste jaoks 2020 / lk. 3-4 : portr

[https://www.ester.ee/record=b5302285\\*est](https://www.ester.ee/record=b5302285*est)

### **Eessõna**

**Soomere, Tarmo** Eesti Vabariigi preemiad 2020 : teadus. F. J. Wiedemanni keeleauhind. Sport. Kultuur. Haridus 2020 / lk. 10-11

[https://www.ester.ee/record=b1226072\\*est](https://www.ester.ee/record=b1226072*est)

### **Eessõna**

**Ots, Arvo** Soojustehnika Instituut : teadusuuringud 1936-2016 2020 / lk. 3-4 [https://www.ester.ee/record=b5376612\\*est](https://www.ester.ee/record=b5376612*est)

## Eessõna

**Masso, Anu**; Tiidenberg, Katrin; Siibak, Andra Kuidas mõista andmestunud maailma? : metodoloogiline teejuht 2020 / lk. 7-10  
[https://www.ester.ee/record=b5388794\\*est](https://www.ester.ee/record=b5388794*est)

## [Eessõna]

**Aaviksoo, Jaak** Majandusaasta aruanne 2019 / TalTech 2020 / lk. 5 : portr [https://www.ester.ee/record=b5263625\\*est](https://www.ester.ee/record=b5263625*est)

## Eessõna

**Andrejev, Viktor** Aastaraamat 2019 / Tallinna Tehnikaülikool, Virumaa Kolledž 2020 / lk. 3 [https://www.ester.ee/record=b2666429\\*est](https://www.ester.ee/record=b2666429*est)

## Eesti 5g-võrgu saaks katta siin toodetud seadmetega

Riispapp, Janno Postimees 2020 / Lk. 8-9 : ill <https://dea.digar.ee/article/postimees/2020/07/14/9.8>

## Eesti 2050 stsenaariumid

**Grišakov, Kristi**; Kaevats, Mihkel Linnastunud ühiskonna ruumilised valikud 2020 / Lk. 268–277  
[https://www.ester.ee/record=b5362642\\*est](https://www.ester.ee/record=b5362642*est)

## Eesti ajalooliste mõisaparkide ja metsade puistu liigilise koosseisu võrdluse meetod

**Nutt, Nele; Kubjas, Ardo**; Kaplinski-Sauk, Minea Agraarteadus 2020 / lk. 66-69 : ill <https://doi.org/10.15159/jas.20.01>  
<https://dea.digar.ee/article/AKagraarteadus/2020/06/0/22> Journal metrics at Scopus Article at Scopus

## Eesti Arhitektuurimuuseumis on avatud näitus August Komendandist

Eesti Elu : [Kanada ajaleht] 2020 / lk. 6 : ill

## Eesti biokeemik hoiatab: koroonaviirus püsib nakkusohhtlikuna õhus mitu tundi, pindadel isegi mitu päeva!

**Palumaa, Peep** Õhtuleht 2020 / Lk. 6 <https://tervis.ohhtuleht.ee/995397/eesti-biokeemik-hoiatab-koroonaviirus-pusib-nakkusohhtlikuna-ohus-mitu-tundi-pindadel-isegi-mitu-paeva> [https://www.ester.ee/record=b1408161\\*est](https://www.ester.ee/record=b1408161*est)

## Eesti biokeemik hoiatab: koroonaviirus võib olla inimest nakatavate viiruste seas absoluutne maailmameister!

### [Võrguteavik]

**Palumaa, Peep** Õhtuleht 2020 [Eesti biokeemik hoiatab: koroonaviirus võib olla inimest nakatavate viiruste seas absoluutne maailmameister!](https://www.ester.ee/record=b1408161*est)

## Eesti biokeemik hoiatab: ohhtlik koroonaviirus suudab nõrga tervisega inimesele tekitada korvamatut kahju

**Palumaa, Peep** Õhtuleht.ee 2020 <https://tervis.ohhtuleht.ee/996404/eesti-biokeemik-hoiatab-ohhtlik-koroonaviirus-suudab-norga-tervisega-inimesele-tekitada-korvamatut-kahju>

## Eesti biokeemik: iga samm võib olla saatuslik, pandeemia edukas läbimine sõltub tervisekäitumisest

**Palumaa, Peep** tervis.ohhtuleht.ee 2020 / fot <https://tervis.ohhtuleht.ee/997553/eesti-biokeemik-iga-samm-voib-olla-saatuslik-pandeemia-edukas-labimine-soltub-tervisekaitumisest>

## Eesti biokeemik: peame end kaitsma surmava viirusedoosi eest kõigi võimalike vahenditega!

**Palumaa, Peep** Õhtuleht 2020 / Lk. 4-5 : portr [https://www.ester.ee/record=b1408161\\*est](https://www.ester.ee/record=b1408161*est)

## Eesti elektrivõrkude ajalugu

2020 <https://www.ester.ee/record=b5298769>

## Eesti elektroonikatööstuse tuleviku tagab ettevõtjate ja ülikooli koostöö

Elektriala 2020 / lk. 25 [http://www.ester.ee/record=b1240496\\*est](http://www.ester.ee/record=b1240496*est)

## Eesti Elukeskkond aastal 2050

**Grišakov, Kristi** Linnastunud ühiskonna ruumilised valikud 2020 / Lk. 254–267 [https://www.ester.ee/record=b5362642\\*est](https://www.ester.ee/record=b5362642*est)

## Eesti elustiku ajaskaalad

**Veski, Siim; Reitalu, Triin; Amon, Leeli; Lõugas, Lembi** Eesti Loodus 2020 / lk. 16-22 : ill [http://www.ester.ee/record=b1072059\\*est](http://www.ester.ee/record=b1072059*est)

## Eesti foneetika tehniline areng pildis

Lippus, Pärtel Horisont 2020 / lk.32-36 : fot [https://www.ester.ee/record=b1072243\\*est](https://www.ester.ee/record=b1072243*est)

## Eesti fosforiidi säästlik väärindamine : [RITA MAARE projekti aruanne]

2020 <https://fond.egt.ee/fond/egf/9405>

## Eesti Hüpertensiooni Ühing 25

**Viigimaa, Margus**; Raestik, Triin Lege Artis : ajakiri Eesti arstidele 2020 / lk. 41 [https://www.ester.ee/record=b1575283\\*est](https://www.ester.ee/record=b1575283*est)  
<https://www.med24.ee/ajakirjad/legeartis/m%C3%A4rts-2020/eesti-h%C3%BCpertensiooni-%C3%BChing-25>

## **Eesti inimesed tarvitavad kiudaineid soovitatust sageli vähem [Võrguväljaanne]**

Adamberg, Kaarel novaator.err.ee 2020 / fot [Eesti inimesed tarvitavad kiudaineid soovitatust sageli vähem](#)

## **Eesti karate suur juubel**

Postimees 2020 / Lk. 25 : fot [https://www.ester.ee/record=b1072778\\*est](https://www.ester.ee/record=b1072778*est)

## **Eesti keele väliskohakäänete kasutus poolsontaanses kõnes automaatse transkriptsiooni põhjal**

Klavan, Jane; **Alumäe, Tanel**; Tavast, Arvi Keel ja Kirjandus 2020 / lk. 757-774 : tab <https://keeljakirjandus.ee/ee/uncategorized/eesti-keele-valiskohakaanete-kasutus-poolsontaanses-kones-automaatse-transkriptsiooni-pohjal/> [https://www.ester.ee/record=b1072340\\*est](https://www.ester.ee/record=b1072340*est) <https://doi.org/10.54013/kk754a8> [Journal metrics at Scopus](#) [Article at Scopus](#)

## **Eesti koroonakuulsused, kelle kriis kõrgustesse kergitas**

Voog, Viljar Õhtuleht 2020 / Lk. 2-3 : ill [https://www.ester.ee/record=b1408161\\*est](https://www.ester.ee/record=b1408161*est)

## **Eesti korvpall - esimene sada : 1920-2020**

Ibrus, Märt; Arike, Ville; **Järva, Rein**; Kana, Aadu 2020 [https://www.ester.ee/record=b5382808\\*est](https://www.ester.ee/record=b5382808*est)

## **Eesti kosmoseseadus sai nurgakivi**

Pulk, Meinhard Postimees 2020 / Lk. 7 : portr <https://leht.postimees.ee/7045509/eesti-kosmoseseadus-sai-nurgakivi> <https://dea.digar.ee/article/postimees/2020/08/24/5.16>

## **Eesti kui idee ja ideoloogia**

**Kattel, Rainer** Vikerraar 2020 / lk. 163-166 [https://www.ester.ee/record=b1073213\\*est](https://www.ester.ee/record=b1073213*est)

## **Eesti kui lipuriigi tulevik : arengustsenaariumid aastani 2040 : kokkuvõte**

2020 [https://www.ester.ee/record=b5372159\\*est](https://www.ester.ee/record=b5372159*est) [https://www.riigikogu.ee/wpcms/wp-content/uploads/2020/11/2020\\_laevandus\\_kokkuvote.pdf](https://www.riigikogu.ee/wpcms/wp-content/uploads/2020/11/2020_laevandus_kokkuvote.pdf)

## **Eesti lagealad räägivad süsteemsest metsapõletamisest [Võrguväljaanne]**

Harrik, Airika; **Veski, Siim** novaator.err.ee 2020 / fot [Eesti lagealad räägivad süsteemsest metsapõletamisest](#)

## **Eesti loodab hakata kosmoses liiklust reguleerima ja satelliite turvama**

Parksepp, Anette Eesti Päevaleht 2020 / Lk. 6-7 : ill <https://dea.digar.ee/article/eestipaevaleht/2020/09/09/8.1>

## **Eesti lugu**

**Kuik, Viktor** 2020

## **Eesti Mereakadeemia õppekavad 2020/21 / TalTech**

2020 [https://www.ester.ee/record=b5455869\\*est](https://www.ester.ee/record=b5455869*est)

## **Eesti Merekadeemia 2019 a. lõpetajad**

Mere lained 2020 / lk. 166-169 [https://www.ester.ee/record=b5339129\\*est](https://www.ester.ee/record=b5339129*est)

## **Eesti Mõjukad 2020**

LP : Eesti Päevaleht Eesti Päevaleht 2020 / Lk. 22 <https://dea.digar.ee/article/lp/2020/11/27/6>

## **Eesti NSV taastatakse Moskvast**

Piirsalu, Jaanus Postimees 2020 / lk. 16-17 : ill [https://www.ester.ee/record=b1072778\\*est](https://www.ester.ee/record=b1072778*est)

## **Eesti on Euroopa Ruumiandmete Rakendusuuringute Ühingu EuroSDR liige**

Tiits, Tambet; **Ellmann, Artu** Geodeet 2020 / lk. 19-25 : fot [http://www.ester.ee/record=b1072198\\*est](http://www.ester.ee/record=b1072198*est)

## **"Eesti on ju e-riik. Kuidas siis nii läks?"**

Lomp, Loora-Elisabet Postimees 2020 / Lk. 4-5 : ill <https://leht.postimees.ee/7035917/eesti-on-ju-e-riik-kuidas-siis-nii-laks>

## **Eesti polaaruuringu komisjon**

**Vaikmäe, Rein** Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2019 2020 / lk. 30 [https://www.ester.ee/record=b1218094\\*est](https://www.ester.ee/record=b1218094*est)

## **Eesti põlevkivitööstuse aastaraamat 2019**

2020 [Aastaraamat 2019](#) [https://www.ester.ee/record=b4746322\\*est](https://www.ester.ee/record=b4746322*est)

## **Eesti raamatukoguhoidjate Ühingu aastakoosolek 2020**

Olevsoo, Reet Raamatukogu 2020 / lk. 40 : fot [http://www.ester.ee/record=b1072819\\*est](http://www.ester.ee/record=b1072819*est) [https://issuu.com/nlib/docs/2020\\_rk2\\_issuu](https://issuu.com/nlib/docs/2020_rk2_issuu)

## **Eesti Raamatukoguhoidjate Ühingu aastaraamat 2019**

2020 [https://www.ester.ee/record=b1209172\\*est](https://www.ester.ee/record=b1209172*est)

**Eesti Raamatukoguhoidjate Ühingu tegevus 2019. aastal : ... Juhatus, revisjonikomisjon ja büroo : [juhatuse liige ka Tuuliki Tõiste]. ...Raamatukoguhoidjate tunnustamine : ... Eesti Raamatukoguhoidjate Ühingu aastapreemia 2018 : Maris Nool**

Riisalu, Katre Eesti Raamatukoguhoidjate Ühingu aastaraamat 2019 2020 / lk. 58-75 [https://www.ester.ee/record=b1209172\\*est](https://www.ester.ee/record=b1209172*est)

**Eesti rahvasaadikud Kremli võimukoridorides : pildis ja sõnas**

Made, Tiit 2020 [https://www.ester.ee/record=b5374786\\*est](https://www.ester.ee/record=b5374786*est)

**Eesti regionaaltasandi arengu analüüs : regionaalse valitsemise mudelite kujundamise ettepanekud : lõpparuanne**

Kattai, Kersten; Lääne, Sulev; Sepp, Veiko; Mäeltsemees, Sulev 2020 [https://www.ester.ee/record=b5355337\\*est](https://www.ester.ee/record=b5355337*est)

**Eesti teadlane hakkab nõustama Euroopa tippe**

Maran, Kaur Postimees 2020 / Lk. 4 : fot <https://dea.digar.ee/article/postimees/2020/11/14/3.10> Eesti teadlane hakkab nõustama Euroopa tippe

**Eesti teadlane loob parfüüme, mis lõhnavad nagu suitsusaun ja laulupidu**

Kivi, Eva-Lotta Maaleht 2020 / Lk. 12-13 : portr <https://maaleht.delfi.ee/uudised/usas-elav-est-eadlane-loob-parfuume-mis-lohnavad-nagu-suitsusaun-ja-laulupidu?id=90773181>

**Eesti teadlane seletab – mida teadus üldse uuest koroonaviirusest teab?**

Sõmera, Merike Postimees : [Tartu versioon] 2020 / 3 lk [Eesti teadlane seletab – mida teadus üldse uuest koroonaviirusest teab?](#)

**Eesti teadlase leiutatud sensor võib olla abiks hingamisraskustega inimeste ravil [Võrguväljaanne]**

Loite, Sander novaator.err.ee 2020 / video [Eesti teadlase leiutatud sensor võib olla abiks hingamisraskustega inimeste ravil](#)

**Eesti teadlased said valmis turbauuringute andmebaasi [Võrguväljaanne]**

Orru, Mall novaator.err.ee 2020 / fot [Eesti teadlased said valmis turbauuringute andmebaasi](#) [Eesti turbauuringute andmebaas](#)

**Eesti teadlased uurivad Läänemere surnud tsoone**

Eesti Päevaleht 2020 / Lk. 18 <https://dea.digar.ee/article/eestipaevaleht/2020/10/07/21.1>

**Eesti teadlaste leiutis: uus koroonaviiruse kiirtest ootab heakskiitu ja otsib tootjat**

Ladva, Asso Õhtuleht 2020 / Lk. 5 <https://dea.digar.ee/article/ohhtuleht/2020/12/07/2.12>

**Eesti teadlaste loodud meetod aitab puhastada vett antibiootikumijääkidest [Võrguväljaanne]**

Dulova, Niina novaator.err.ee 2020 / fot [teadlaste loodud meetod aitab puhastada vett antibiootikumijääkidest](#)

**Eesti teadlaste loodud meetod teeb ravimitootmise keskkonnasõbralikumaks [Võrguväljaanne]**

Aav, Riina novaator.err.ee 2020 / fot [Eesti teadlaste loodud meetod teeb ravimitootmise keskkonnasõbralikumaks](#)

**Eesti teadlaste loodud süsteem aitab kaladel hüdroelektrijaamas ellu jääda**

novaator.err.ee 2020 / fot <https://novaator.err.ee/1157348/est-eadlaste-loodud-susteem-aitab-kaladel-hudroelektrijaamas-ellu-jaada>

**Eesti teadlaste loodud süsteem aitab kaladel hüdroelektrijaamas ellu jääda [Võrguväljaanne]**

Tuhtan, Jeffrey Andrew novaator.err.ee 2020 / fot [Eesti teadlaste loodud süsteem aitab kaladel hüdroelektrijaamas ellu jääda](#)

**Eesti teadlaste seade tõhustab Covid-19 ravi**

Postimees 2020 / Lk. 20 : portr [https://www.ester.ee/record=b1072778\\*est](https://www.ester.ee/record=b1072778*est)

**Eesti Teadusagentuuri Nõukogu ja nimetamiskogu liikmed**

Eesti Teaduste Akadeemia sõnas ja pildis 2019 2020 / lk. 28 : portr

**Eesti Teadusagentuuri roll teadusriikka Eesti kujundamisel [Võrguväljaanne]**

Starkov, Pavel err.ee 2020 / fot [Eesti Teadusagentuuri roll teadusriikka Eesti kujundamisel](#)

**Eesti teaduskeel inseneerias**

Kübarsepp, Jakob; Kulu, Priit Eesti teaduskeel keelterikkas teadusmaailmas 2020 / lk. 188-211 : ill [https://www.ester.ee/record=b5386829\\*est](https://www.ester.ee/record=b5386829*est)

**Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2019**

2020 [https://www.ester.ee/record=b1218094\\*est](https://www.ester.ee/record=b1218094*est)

**Eesti Teaduste Akadeemia sõnas ja pildis 2019**

2020 [https://www.ester.ee/record=b5054043\\*est](https://www.ester.ee/record=b5054043*est)

### **Eesti teevad nutikaks insenerid**

**Renno Veinthal** Postimees 2020 / Lk. 15 <https://dea.digar.ee/article/postimees/2020/12/01/14.6>

### **Eesti tehnoloogiafirma Airobot paneb inimesi head sisekliimat väärtustama**

Moodne Kodu 2020 / Lk. 38 : ill <https://dea.digar.ee/article/eemoodnekodu/2020/09/30/19.2>

### **Eesti tehnoloogiafirma Airobot paneb inimesi head sisekliimat väärtustama**

Moodne Kodu 2020 / Lk. 38 : fot ["Eesti tehnoloogiafirma Airobot paneb inimesi head sisekliimat väärtustama "](https://www.ester.ee/record=b5329895*est)

### **Eesti teraviljadel esinevad viirushaigused**

Sooväli, Pille; **Sõmera, Merike** Agronoomia 2020 = Agronomy 2020 2020 / lk. 202-210 : tab <http://hdl.handle.net/10492/5600>

### **Eesti tudengid ehitavad päikeseautot**

Mente et Manu 2020 / lk. 10 : fot <https://dea.digar.ee/cgi-bin/dea?a=is&oid=AKmenteetmanu202011&type=staticpdf>

### **Eesti tudengid löid kosmonautide jaoks targad särgid [Võrguväljaanne]**

Oidermaa, Jaan-Juhan novaator.err.ee 2020 / fot, audio [Eesti tudengid löid kosmonautide jaoks targad särgid](https://www.ester.ee/record=b5391697*est)

### **Eesti tudengisatelliit Hämarik jõudis orbiidile**

Postimees 2020 / Lk. 4 <https://dea.digar.ee/article/postimees/2020/09/04/5.4> <https://www.postimees.ee/7053683/eesti-tudengisatelliit-hamarik-joudis-varahommikul-orbiidile>

### **Eesti tulevikust: metsata või metsaga**

**Soomere, Tarmo** Maaleht 2020 / Lk. 12-13 : fot <https://dea.digar.ee/article/maaleht/2020/11/12/15.1>

### **Eesti Vabariigi preemiad 2020 : teadus. F. J. Wiedemanni keeleauhind. Sport. Kultuur. Haridus**

2020 [https://www.ester.ee/record=b1226072\\*est](https://www.ester.ee/record=b1226072*est)

### **Eesti Vabariigi põhiseadus : kommenteeritud väljaanne: VI peatükk**

**Taro, Külli** Eesti Vabariigi põhiseadus : kommenteeritud väljaanne 2020 [https://www.ester.ee/record=b5391697\\*est](https://www.ester.ee/record=b5391697*est)

### **Eesti vajab feminismi**

**Kattel, Rainer** Postimees 2020 / Lk. 15 <https://dea.digar.ee/article/postimees/2020/12/15/14.8>

### **Eesti vajab peagi raudteele kümneid insenere, kelle väljaõpe on kasin**

Liiva, Siiri Eesti Päevaleht 2020 / Lk. 17 : fot <https://dea.digar.ee/article/eestipaevaleht/2020/10/13/20.3>

### **Eestis kehtima hakanud liginullenergianõuete võrdlus naaberriikidega**

**Kurnitski, Jarek** Eesti Ehituskonsultatsiooniettevõtete Liit, EKEL : [aastaraamat] = Estonian Association of Architectural and Consulting Engineering Companies, EAACEC 2020 / lk. 23-26 : ill, fot [https://ekel.ee/images/files/failid/EKEL\\_AASTARAAMAT\\_2020.pdf](https://ekel.ee/images/files/failid/EKEL_AASTARAAMAT_2020.pdf)  
[https://www.ester.ee/record=b1222961\\*est](https://www.ester.ee/record=b1222961*est)

### **Eestis luuakse merenduse küberturbe keskus**

Transport ja Logistika : infoleht 2020 / lk. 12 [https://www.ester.ee/record=b1975868\\*est](https://www.ester.ee/record=b1975868*est)

### **Eestis on vaja 2050. aastaks rekonstrueerida ligi 14 000 hoonet**

Puustusmaa, Raiko Tartu Postimees 2020 / Lk. 9 : portr <https://dea.digar.ee/article/tartupostimees/2020/11/06/12.3>

### **Eestis on veel 14 000 renoveerimist vajavat kortermaja**

Kald, Annika Äripäev 2020 / Lk. 14 <https://dea.digar.ee/publication/aripaev>

### **Eestis tasuks betoontee ehitamist siiski kaaluda**

**Kendra, Ain** Transport ja Teed 2020 / lk. 11-13 : ill [http://www.ester.ee/record=b1073099\\*est](http://www.ester.ee/record=b1073099*est)

### **Eesti-Saksa ettevõtte arendas laboritäpsusega koroonakiirtesti**

Eesti Elu : [Kanada ajaleht] 2020 / lk. 3 <https://eestielu.com/et/eesti-elu/paberleht/11209-eesti-elu-nr-48-4-detsember-2020-digileht>

### **Eestlanna juhib ookeaniuurijaid**

Eesti Päevaleht 2020 / Lk. 4 [https://www.ester.ee/record=b1072079\\*est](https://www.ester.ee/record=b1072079*est)

### **Eestlased Soome ja Saksa sõjaväes 1940-1945, (K-L) = Estonians in Finnish and German armed forces 1940-1945, (K-L)**

2020 [https://www.ester.ee/record=b5329895\\*est](https://www.ester.ee/record=b5329895*est)

**Eestlased Soome ja Saksa sõjaväes 1940-1945, (M-Y) = Estonians in Finnish and German armed forces 1940-1945, (M-Y)**  
2020 [https://www.ester.ee/record=b5329897\\*est](https://www.ester.ee/record=b5329897*est)

**Eestlased viisid Kreeka väikelinna tänavatele esimese isejuhtiva bussi**

Pau, Aivar forte.delfi.ee 2020 / fot [Eestlased viisid Kreeka väikelinna tänavatele esimese isejuhtiva bussi](#)

**Eestlaste menüüs napib kiudaineid**

Imeline Teadus 2020 / lk. 20 : fot [https://www.ester.ee/record=b2747925\\*est](https://www.ester.ee/record=b2747925*est)

**Eestlaste toidulaud on kiudainevaene**

Eesti Elu : [Kanada ajaleht] 2020 / lk. 7

**E-Estonia as a role model? Some general considerations and applicability in France**

Cepilovs, Aleksandrs; Duenas Cid, David La France des 13 reegions, une reeforme aboutie ? 2020 / p. 139-153

<https://www.editions-harmattan.fr/index.asp?navig=catalogue&obj=livre&no=64972>

**EETEL 25 : mõeldes Pekka Sallinenile**

Teemets, Raivo Elektriala 2020 / lk. 26-27 : fot [http://www.ester.ee/record=b1240496\\*est](http://www.ester.ee/record=b1240496*est)

**EETEL 25 kui mittetulundusühing**

Teemets, Raivo Elektriala 2020 / lk. 10 [http://www.ester.ee/record=b1240496\\*est](http://www.ester.ee/record=b1240496*est)

**Effect of absorber surface modification on the optoelectronic properties of Cu<sub>2</sub>CdGeSe<sub>4</sub> solar cells**

Li, Xiaofeng; Pilvet, Maris; Timmo, Kristi; Grossberg, Maarja; Danilson, Mati; Mikli, Valdek; Kauk-Kuusik, Marit Thin solid

films 2020 / art. 137822, 7 p. : ill <https://doi.org/10.1016/j.tsf.2020.137822> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The effect of apple juice concentration on cider fermentation and properties of the final product**

Rosend, Julia; Kaleda, Aleksei; Kuldjärv, Rain; Arju, Georg; Nisamedtinov, Ildar Foods 2020 / art. 1401, 12 p

<https://doi.org/10.3390/foods9101401> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Effect of ceramic reinforcement on the microstructural, mechanical and tribological behavior of Al-Cu alloy metal matrix composite**

Aktar Zahid Sohag, Md; Gupta, Pallav; Kondal, Neha; Kumar, Devendra; Singh, Neera; Jamwal, Anbesh Materials today:

proceedings 2020 / p. 1407-1411 <https://doi.org/10.1016/j.matpr.2019.08.179> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Effect of different hardwood species and lay-up schemes on the mechanical properties of plywood**

Kallakas, Heikko; Rohumaa, Anti; Vahermets, Harti; Kers, Jaan Forests 2020 / art. 649, 13 p. : ill <https://doi.org/10.3390/f11060649>

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

**Effect of electrode covering composition on the microstructure, wear, and economic feasibility of Fe-C-Cr manual arc-welded hardfacings**

Jankauskas, Vytenis; Katinas, Egidijus; Laskauskas, Arturas; Antonov, Maksim; Varnauskas, Valentinas; Gedzevičius, Irmantas;

Aleknevičiene, Vilija Coatings 2020 / art. 294, 19 p. : ill <https://doi.org/10.3390/coatings10030294> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The effect of heat treatment on the morphology and mobility of Au nanoparticles**

Oras, Sven; Vlassov, Sergei; Vigonski, Simon; Polyakov, Boris; Antsov, Mik; Zadin, Vahur; Lõhmus, Rünno; Mougin, Karine

Beilstein Journal of Nanotechnology 2020 / p. 61-67 <https://doi.org/10.3762/bjnano.11.6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Effect of lattice surface treatment on performance of hardmetal - titanium interpenetrating phase composites**

Holovenko, Yaroslav; Kollo, Lauri; Saarna, Mart; Rahmani Ahranjani, Ramin; Soloviova, Tetiana; Antonov, Maksim;

Prashanth, Konda Gokuldoss; Cygan, Slawomir; Veinthal, Renno International journal of refractory metals and hard materials 2020 / art. 105087, 10 p. : ill <https://doi.org/10.1016/j.ijrmhm.2019.105087> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Effect of selective laser melting process parameters on microstructural and mechanical properties of TiC–NiCr cermet**

Aramian, Atefeh; Sadeghian, Zohreh; Razavi, Seyed Mohammad J.; Prashanth, Konda Gokuldoss; Berto, Filippo Ceramics

international 2020 / p. 28749-28757 <https://doi.org/10.1016/j.ceramint.2020.08.037> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The effect of the district heating return temperature reduction on flue gas condenser efficiency**

Lepiksaar, Kertu; Volkova, Anna; Rušeljuk, Pavel; Siirde, Andres Environmental and Climate Technologies 2020 / p. 23–38

<https://doi.org/10.2478/rtuct-2020-0083> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Effect of the substrate surface on properties of RF sputtered magnetronantimony selenide (Sb<sub>2</sub>Se<sub>3</sub>) for thin-films**  
**Uslu, Mehmet Ender; Grossberg, Maarja; Volobujeva, Olga** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 86 <http://fmtdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

**Effect of the thickness on the electrical and optical properties of ZN(O,Se) layers prepared by PLD**  
**Abdalla, Akram; Bereznev, Sergei** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 10  
<http://fmtdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

**Effect of the titanium isopropoxide : acetylacetone molar ratio on the photocatalytic activity of TiO<sub>2</sub> thin films : [conference paper]**  
**Spiridonova, Jekaterina; Katerski, Atanas; Danilson, Mati; Kritševskaja, Marina; Krunks, Malle; Oja Acik, Ilona** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 78 <http://fmtdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

**Effective algebraic analysis approach to linear systems over Ore algebras**  
**Cluzeau, T.; Koutschan, C.; Quadrat, A.; Tönso, Maris** Algebraic and symbolic computation methods in dynamical systems 2020 / p. 3-52 [https://doi.org/10.1007/978-3-030-38356-5\\_1](https://doi.org/10.1007/978-3-030-38356-5_1)

**Effective tools and models for engineering faculty MasteryTeaching supporting meaningful learning**  
**Rüütman, Tiia** Proceedings of the 2020 IEEE Global Engineering Education Conference (EDUCON) : Engineering Education for the Future in a Multicultural and Smart World, 27-30 April, 2020, Porto, Portugal 2020 / 1622-1626 : ill  
<https://doi.org/10.1109/EDUCON45650.2020.9125266>

**Effectiveness of common benthic macrofaunal sampling methodology in boulder and cobble reefs**  
**Liversage, K.; Kotta, Jonne; Pajusalu, Liina** Journal of experimental marine biology and ecology 2020 / art. 151413, 7 p  
<https://doi.org/10.1016/j.jembe.2020.151413>

**The Effects of crises and European fiscal governance reforms on the budgetary processes of member states**  
**Raudla, Ringa; Bur, Sebastian; Keel, Kati** Journal of Common Market Studies 2020 / p. 740–756 : tab  
<https://doi.org/10.1111/jcms.12972> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Effects of stator core welding on an induction machine – measurements and modeling**  
**Sundaria, Ravi; Daem, Andries; Osemwinyen, Osaruyi; Lehtikoinen, Antti; Sergeant, Peter; Arkio, Antero; Belahcen, Anouar** Journal of Magnetism and Magnetic Materials 2020 / art. 166280 <https://doi.org/10.1016/j.jmmm.2019.166280> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Effects of step configuration on hydrodynamic performance of one- and doubled-stepped planing flat plates: A numerical simulation**  
**Dashtimanesh, Abbas;** Roshan, Fatemeh; Tavakoli, Sasan; Kohansal, Ahmadreza; Barmala, Bahare Proceedings of the institution of mechanical engineers, part M: journal of engineering for the maritime environment 2020 / p. 181-195  
<https://doi.org/10.1177/1475090219851917>

**Effects of work arrangements on the sleep regimen of creative R&D employees**  
**Hazak, Aaro; Söör, Erve; Hein, Heili; Männasoo, Kadri** International journal of occupational safety and ergonomics 2020 / p. 728-739 <https://doi.org/10.1080/10803548.2018.1504854> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Efficiency and bid rigging in simultaneous procurement auctions under oligopoly**  
**Hazak, Aaro; Kerikmäe, Tanel; Pärn-Lee, Evelin** International Journal of Procurement Management (IJPM) 2020 / p. 199–213  
<https://doi.org/10.1504/IJPM.2020.106512> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Efficiency improvement of step-up series resonant DC-DC converter in buck operating mode**  
**Sidorov, Vadim; Chub, Andrii; Vinnikov, Dmitri** 2020 IEEE 61st International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCon), Riga, Latvia, Nov. 5-7, 2020 : conference proceedings 2020 / 6 p. : ill  
<https://doi.org/10.1109/RTUCon51174.2020.9316574>

**An efficient authentication and key agreement scheme for secure smart grid communication services**  
**Hammami, Hamza; Obaidat, Mohammad S.; Ben Yahia, Sadok** International journal of communication systems 2020 / art. e4558, p. 1–13 <https://doi.org/10.1002/dac.4558> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Efficient barrier properties of mechanically enhanced agro-extracted cellulosic biocomposites**  
**Qasim, Umair; Fatima, R.; Usman, M.** Materials today chemistry 2020 / art. 100378, 8 p. : ill  
<https://doi.org/10.1016/j.mtchem.2020.100378>

**An efficient FPGA-based architecture for contractive autoencoders**  
**Kerner, Madis; Tammemäe, Kalle; Raik, Jaan;** Hollstein, Thomas 2020 IEEE 28th Annual International Symposium on Field-Programmable Custom Computing Machines (FCCM), 3 – 6 May 2020, Fayetteville, Arkansas : proceedings 2020 / p. 230–230

<https://doi.org/10.1109/FCCM48280.2020.00062>.

**An efficient roadside unit deployment method for vehicular ad-hoc networks**

Ben Chaabene, Seif; Yeferny, Taoufik; **Ben Yahia, Sadok** Procedia computer science 2020 / p. 771-780

<https://doi.org/10.1016/j.procs.2020.09.072> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Efficient synthesis of novel quinolinone derivatives via catalyst-free multicomponent reaction**

Du, Rui; Han, Liangliang; Zhou, Zhongqiang; **Borovkov, Victor** Letters in organic chemistry 2020 / p. 403-407

<http://doi.org/10.2174/1570178616666190828092728>

**EFIC-ME : a fast emulation based fault injection control and monitoring enhancement**

**Abideen, Zain Ul; Rashid, Muhammad Haroon** IEEE Access 2020 / p. 207705-207716

<https://doi.org/10.1109/ACCESS.2020.3038198> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Ega inimene massina vastu saat**

Alas, Brita-Maria Postimees 2020 / Lk. 2-3 : ill <https://dea.digar.ee/article/ak/2020/10/24/2.1>

**Ehituseelsest bürokraatiast Tallinnas : Eesti haldusjuhtimise praktikast**

**Rajangu, Väino** 2020 [https://www.ester.ee/record=b5346642\\*est](https://www.ester.ee/record=b5346642*est)

**Ehitusgeodeesia õpetamisest Tallinna Tehnikaülikoolis COVID-19 pandeemia esimesel aastal**

**Sein, Sander; Ellmann, Artu** Geodeet 2020 / lk. 49-51 : fot [http://www.ester.ee/record=b1072198\\*est](http://www.ester.ee/record=b1072198*est)

**Ehitusinseneri kutse piirid või piiritus**

**Kendra, Ain** Ehitaja 2020 / lk. 22 : portr [https://www.ester.ee/record=b1072123\\*est](https://www.ester.ee/record=b1072123*est)

**Ehitusinsenerist imemees August Komendant : 20. sajandi maailma tippu kuuluv Komendant on kodumaal siiani olnud nagu elevant toas**

Treier, Heie Eesti Päevaleht 2020 / Lk. 14 : ill [https://www.ester.ee/record=b1072079\\*est](https://www.ester.ee/record=b1072079*est)

**Ehituskunst kui väetis = Fertile architecture**

**Paulus, Karin** Maja : Eesti arhitektuuri ajakiri = Estonian architectural review 2020 / lk. 16-29 : fot

[http://www.ester.ee/record=b1072550\\*est](http://www.ester.ee/record=b1072550*est)

**Ehitusteadlased selgitavad : miks me kannatame siseruumides liiga kuiva õhu käes?**

**Nöges, Krõõt** Ehitaja 2020 / lk. 45-46 [http://www.ester.ee/record=b1072123\\*est](http://www.ester.ee/record=b1072123*est)

**Ehitusteadlased selgitavad, miks on talvel siseruumides liiga kuiv õhk [Võrguväljaanne]**

novaator.err.ee 2020 / fot [Ehitusteadlased selgitavad, miks on talvel siseruumides liiga kuiv õhk](#)

**Ehitustegevuse kaardistamine kaugseirega**

**Puust, Raido** Horisont 2020 / lk. 49-53 : fot [https://www.ester.ee/record=b1072243\\*est](https://www.ester.ee/record=b1072243*est)

**Ehmatav küljeauk Estonial, ja teine veel!**

**Tiidemann, Tiit** Õhtuleht 2020 / Lk. 8 : portr <https://dea.digar.ee/article/ohhtuleht/2020/10/06/7.2>

**eID public acceptance in Estonia : towards understanding the citizen**

**Tsap, Valentyna; Lips, Silvia; Draheim, Dirk** The Proceedings of the 21st Annual International Conference on Digital Government Research (DGO2020), Intelligent Government in the Intelligent Information Society : June 15-19, 2020, Seoul, Republic of Korea 2020 / p. 340-341 <https://doi.org/10.1145/3396956.3397009> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**eIDAS implementation challenges : the case of Estonia and the Netherlands**

**Lips, Silvia; Bharosa, Nitesh; Draheim, Dirk** Electronic Governance and Open Society: Challenges in Eurasia : 7th International Conference, EGOSE 2020, St. Petersburg, Russia, November 18-19, 2020 : proceedings 2020 / p. 75-89 [https://doi.org/10.1007/978-3-030-67238-6\\_6](https://doi.org/10.1007/978-3-030-67238-6_6) [Conference proceeding at Scopus](#) [Article at Scopus](#)

**Eilenberg-Kelly reloaded**

**Uustalu, Tarmo; Veltri, Niccolo;** Zeilberger, Noam Electronic notes in theoretical computer science 2020 / p. 233-256

<https://doi.org/10.1016/j.entcs.2020.09.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Einari Kisel: ilustamata elektrivarustuskindlusest [Võrguväljaanne]**

**Kisel, Einari** postimees.ee 2020 "[Einari Kisel: ilustamata elektrivarustuskindlusest](#)"

**Einari Kisel: puhtama elektri poole [Võrguväljaanne]**

**Kisel, Einari** postimees.ee 2020 [Einari Kisel: puhtama elektri poole](#)

### **Eksaminandile matemaatika riigieksamist [2020]**

Uudelepp, Helgi; Lõhmus, Ahto 2020 [https://www.ester.ee/record=b1442174\\*est](https://www.ester.ee/record=b1442174*est)

### **Ekspertide memo valitsusele: tähelepanekud Estoniast tehtud videost [Võrguväljaanne]**

Tabri, Kristjan err.ee 2020 / fot [Ekspertide memo valitsusele: tähelepanekud Estoniast tehtud videost](#)

### **El Pacto Europeo de julio de 2020. ¿Un paso más hacia el federalismo? [Võrguväljaanne]**

Ramiro Troitino, David; Kerikmäe, Tanel Universidad de La Plata 2020 ["El Pacto Europeo de julio de 2020"](#)

### **Elanikkonna nõudlus Harku järve keskkonnaseisundi parandamise järele**

Nõmmann, Tea; Ehrlich, Üllas; Pädam, Sirje-Iлона Estonian discussions on economic policy : 100 years from signing the Peace Treaty of the Estonian War of Independence in Tartu (2.02.1920). 100 years from the first Constitution of the Republic of Estonia (was in effect from 1920 to 1933) = Estnische Gespräche über Wirtschaftspolitik : Vor 100 Jahren wurde der Friedenvertrag von Tartu unterzeichnet (2.02.1920). Vor 100 Jahren trat die erste Verfassung der Republik Estland (in Kraft 1920-1933) = Eesti majanduspoliitilised väitlused : 100 aastat Eesti Vabadussõja rahulepingu allakirjutamisest Tartus (2.02.1920). 100 aastat Eesti Vabariigi esimesest Põhiseadusest (kehtis aastatel 1920-1933). 28, 1-2 2020 / lk. 59-64 [https://www.ester.ee/record=b2280774\\*est](https://www.ester.ee/record=b2280774*est)

### **Elastic waves in microstructured solids**

Berezovski, Arkadi Encyclopedia of Continuum Mechanics 2020 / p. 830-837 [https://doi.org/10.1007/978-3-662-55771-6\\_231](https://doi.org/10.1007/978-3-662-55771-6_231)

### **Electoral events in Russia during the COVID-19 pandemic : remote electronic voting, outdoor voting and other innovations**

Krivososova, Iuliia 2020 ["IDEA"](#)

### **Electric lighting predictions in the energy calculation methods**

De Luca, Francesco; Simson, Raimo; Voll, Hendrik; Kurnitski, Jarek Improving energy efficiency in commercial buildings and smart communities 2020 / p. 123-141 [https://doi.org/10.1007/978-3-030-31459-0\\_9](https://doi.org/10.1007/978-3-030-31459-0_9)

### **Electrical and mechanical properties of service-aged medium voltage porcelain support insulators**

Kiitam, Ivar; Saarna, Mart; Taklaja, Paul; Tealane, Marko; Palu, Ivo 2020 6th IEEE International Energy Conference (ENERGYCon) 2020 / p. 702-706 <https://doi.org/10.1109/ENERGYCon48941.2020.9236596>

### **Electrical machine research in TaTech**

Vaimann, Toomas 19th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Tartu, Estonia, January 14-17, 2020 2020 / p. 39-40 : ill [https://www.ester.ee/record=b5291755\\*est](https://www.ester.ee/record=b5291755*est)

### **Electricity market regulation: Global status, development trend, and prospect in China**

Xu, Chengwei; Wen, Fushuan; Palu, Ivo Energy Conversion and Economics 2020 / p. 151-170 <https://doi.org/10.1049/enc2.12020>

### **Electrocatalytic oxidation of hydroxide ions by Co<sub>3</sub>O<sub>4</sub> and Co<sub>3</sub>O<sub>4</sub>@SiO<sub>2</sub> nanoparticles both at particle ensembles and at the single particle level**

Xie, Ruo-Chen; Volokhova, Maria; Boldin, Aleksei; Seinberg, Liis; Tsujimoto, Masahiko; Yang, Minjun; Rasche, Bertold; Compton, Richard G. ChemElectroChem 2020 / p. 1261– 1276 : ill <https://doi.org/10.1002/celec.202000230>

### **Electrochemical characterisation of Co@Co(OH)<sub>2</sub> core-shell nanoparticles and their aggregation in solution**

Xie, Ruo-Chen; Batchelor-McAuley, Christopher; Rauwel, Erwan; Rauwel, Protima; Compton, Richard G. ChemElectroChem 2020 / p. 4259 - 4268 <https://doi.org/10.1002/celec.202001199> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Electrochemical evaluation of directly electrospun carbide-derived carbon-based electrodes in different nonaqueous electrolytes for energy storage applications**

Malmberg, Siret; Arulepp, Mati; Tarasova, Elvira; Vassiljeva, Viktoria; Krasnou, Illia; Krumme, Andres C – journal of carbon research 2020 / art. 59, 16 p. : ill <https://doi.org/10.3390/c6040059>

### **Electrochemical impedance spectroscopy**

El-Azazy, Marwa; Min, Mart; Annus, Paul Intechopen 2020 <https://www.intechopen.com/books/10054> <https://doi.org/10.5772/intechopen.92333>

### **Electrodeposited chalcopyrite CuInGaSe<sub>2</sub> absorbers for solar energy harvesting**

Mandati, Sreekanth; Sarada, Bulusu V. Materials science for energy technologies 2020 / p. 440-445 : ill <https://doi.org/10.1016/j.mset.2020.03.001>

### **Electron-beam welding of high-entropy alloy and stainless steel: microstructure and mechanical properties**

Sokkalingam, Rathinavelu; Mastanaiah, P.; Muthupandi, Veerappan; Sivaprasad, Katakam; Prashanth, Konda Gokuldoss Materials and manufacturing processes 2020 / p. 1885-1894 <https://doi.org/10.1080/10426914.2020.1802045> [Journal metrics at Scopus](#)

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

**Electronic Voting : 5th International Joint Conference, E-Vote-ID 2020, Bregenz, Austria, October 6–9, 2020 : proceedings 2020** <https://doi.org/10.1007/978-3-030-60347-2>

**Electroreduction of oxygen on carbide-derived carbon supported Pd catalysts**

Lüsi, Madis; Erikson, Heiki; Sarapuu, Ave; Merisalu, Maido; Rähn, Mihkel; Treshchalov, Alexey; Paiste, Päärn; Käär, Maike; Leis, Jaan; Sammelselg, Väino; **Kaljuvee, Tiit**; Tammeveski, Kaido GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 57 : ill <https://fntdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf> <https://doi.org/10.1002/celc.201902136> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Electrospinning of chitosan biopolymer and polyethylene oxide blends**

Varnaite-Žuravliova, Sandra; **Savest, Natalja**; Baltušnikaitė-Guzaitienė, Julija; Abraitienė, Aušra; **Krumme, Andres** Autex research journal 2020 / p. 426-440 : ill <https://doi.org/10.2478/aut-2019-0031> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Electrospun polyacrylonitrile-derived Co and Fe containing nanofibre catalysts for oxygen reduction reaction at the alkaline membrane fuel cell cathode**

Mooste, Marek; Kibena-Põldsepp, Elo; **Vassiljeva, Viktoria**; Kikas, Arvo; Käär, Maike; Kozlova, Jekaterina; Kisand, Vambola; Külaviir, Marian; Cavaliere, S.; Leis, Jaan; **Krumme, Andres**; Sammelselg, Väino; Holdcroft, Steven; Tammeveski, Kaido ChemCatChem 2020 / p. 4568–4581 : ill <https://doi.org/10.1002/cctc.202000658> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Elektri võrgutasude hinnakiri ei lähtu üldisest majanduspoliitikast**

**Rajangu, Väino** Elektriala 2020 / lk. 22-23 : portr [http://www.ester.ee/record=b1240496\\*est](http://www.ester.ee/record=b1240496*est)

**Elektrijaam minu aias**

**Soomere, Tarmo** Postimees 2020 / Lk. 11 : fot <https://dea.digar.ee/article/postimees/2020/09/29/12.6>

**Elektrimasinate soojusarvutus on uute masinate projekteerimisel määrava tähtsusega**

**Vaimann, Toomas** Elektriala 2020 / lk. 12-13 : ill [http://www.ester.ee/record=b1240496\\*est](http://www.ester.ee/record=b1240496*est)

**Elektroenergeetika ettevõtete struktuur aastatel 1939-1951**

**Metusala, Tiit** Elektriala 2020 / lk. 30-32 : ill [http://www.ester.ee/record=b1240496\\*est](http://www.ester.ee/record=b1240496*est)

**Elektroonika ja telekommunikatsiooni haridus lööb laineid**

Äripäev 2020 / lk. 11 [https://www.ester.ee/record=b2122331\\*est](https://www.ester.ee/record=b2122331*est)

**Elektroonika kõrgharidus areneb käsikäes tööstuse vajadustega**

TööstusEST 2020 / lk. 26 [https://issuu.com/meediapilt/docs/toostusest\\_jaanuar\\_2020](https://issuu.com/meediapilt/docs/toostusest_jaanuar_2020) <https://toostusest.ee/uudis/2020/01/28/elektroonika-korgharidus-areneb-kasikaes-toostuse-vajadustega/> [http://www.ester.ee/record=b4481084\\*est](http://www.ester.ee/record=b4481084*est)

**Elementrenoveerimine kui paneelilamu rätsepaülikond = Элементная реновация как костюм для панельного дома**

Trell, Kristel Elamu 2020 / lk. 11-14, 33-35 : fot [https://www.ester.ee/record=b1072137\\*est](https://www.ester.ee/record=b1072137*est)

**Elevated survey uncertainty after the Great Recession: a non-linear approach [Online resource]**

**Levenko, Natalia** 2020 <https://doi.org/10.23656/25045520/022020/0175> [https://www.ester.ee/record=b1860073\\*est](https://www.ester.ee/record=b1860073*est)

**Elimination of uremic toxins during dialysis assessed with the optical and analytical methods = Ureemiliste toksiinide elimineerimise hindamine dialüüsravil optiliste ja analüütiliste meetoditega**

**Lauri, Kai** 2020 <https://digikogu.taltech.ee/et/Item/85965453-b6b4-4a1c-bdb6-8ebb28420fe9> Doktoritöö aitab hinnata jooksvalt neerudialüüsi tõhusust (novaator.err.ee, 15.09.2020)

**ELIMÄKI Locus is required for vertical proprioceptive response in birch trees**

Alonso-Serra, Juan; Shi, Xueping; Peaucelle, Alexis; **Smolander, Olli-Pekka** Current biology : CB 2020 / p. 589-599 <https://doi.org/10.1016/j.cub.2019.12.016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Elu naiste võimu all**

**Piirimäe, Kristjan** Maaleht 2020 / Lk. 12 : portr [https://www.ester.ee/record=b1072541\\*est](https://www.ester.ee/record=b1072541*est) <https://maaleht.delfi.ee/arvamus/kristjan-piirimae-imikute-hulgamise-vastu-voib-aidata-see-kui-emasid-ei-jaeta-uksi?id=88573623>

**Elus, surnud ja merel : Meri toob inimeses välja juba muinasmõttele kirjelatud kolmanda oleku, leiab allveetehnoloog Maarja Kruusmaa**

**Kruusmaa, Maarja** Postimees 2020 / Lk. 14 : fot [https://heureka.postimees.ee/6863788/elus-surnud-ja-merel-antarktika-reis-toob-inimeses-esile-urgse-oleku?\\_ga=2.78530071.248236587.1578296660-1045332091.1401712292](https://heureka.postimees.ee/6863788/elus-surnud-ja-merel-antarktika-reis-toob-inimeses-esile-urgse-oleku?_ga=2.78530071.248236587.1578296660-1045332091.1401712292) [https://www.ester.ee/record=b1072778\\*est](https://www.ester.ee/record=b1072778*est)

### **Elutähtsate teenuste ristsõltuvuse analüüs**

Laud, Peeter; **Bahsi, Hayretdin; Lenin, Aleksandr**; Mändmaa, Kalev; **Priisalu, Jaan**; Tuuling, Reedik Sõjateadlane 2020 / lk. 207-237 [https://www.ester.ee/record=b4555087\\*est](https://www.ester.ee/record=b4555087*est)

### **EMERA ÜK : [Tour de TalTech]**

Tamm, Taavi Studioosus 2020 / lk. 22-23 : fot [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

### **Emerging challenges for numerical simulations of quasi-static collision experiments on laser-welded thin-walled steel structures**

Romanoff, Jani; **Kõrgesaar, Mihkel**; Remes, Heikki Journal of marine science and application 2020 / p. 567-583 : ill <https://doi.org/10.1007/s11804-020-00174-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **EMU and the Italian debt problem : destabilising periphery or destabilising the periphery?**

**Notermans, Ton**; Piattoni, Simona Journal of European Integration 2020 / p. 345 - 362 <https://doi.org/10.1080/07036337.2020.1730353> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Enabling cross-layer reliability and functional safety assessment through ML-based compact models**

Alexandrescu, Dan; **Balakrishnan, Aneesh**; Lange, Thomas; Glorieux, Maximilien Proceedings : 2020 26th IEEE International Symposium on On-Line Testing and Robust System Design : IOLTS 2020, Napoli, Italy, July 13-16, 2020 : virtual edition 2020 / 6 p. : ill <https://doi.org/10.1109/IOLTS50870.2020.9159750>

### **Enantioselective Catalytic Synthesis of N-alkylated Indoles**

**Trubitsõn, Dmitri; Kanger, Tõnis** Symmetry 2020 / art. 1184 ; 30 p.: ill <https://doi.org/10.3390/sym12071184> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Enantioselective N-Alkylation of Nitroindoles under Phase-Transfer Catalysis**

**Trubitsõn, Dmitri; Martõnova, Jevgenija; Erkman, Kristin; Metsala, Andrus**; Saame, Jaan; Köster, Kristjan; **Järving, Ivar**; Leito, Ivo; **Kanger, Tõnis** Synthesis 2020 / p. 1047-1059 <https://doi.org/10.1055/s-0039-1690751> [Journal metrics at Scopus](#) [Article at WOS](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Enantioselective N-functionalization of indole derivatives**

**Trubitsõn, Dmitri; Kanger, Tõnis** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 84 : ill <http://fmdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

### **Encoderless rotor position estimation of a switched reluctance drive operated under model predictive control**

Anuchin, Alecksey; Shpak, Dmitry; **Demidova, Galina** 2020 IEEE 61st International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), Riga, Latvia, Nov. 5-7, 2020 : conference proceedings 2020 <https://doi.org/10.1109/RTUCON51174.2020.9316621>

### **"End of Theory" in the era of big data : methodological practices and challenges in social media studies**

**Masso, Anu**; Männiste, Maris; Siibak, Andra Acta Baltica historiae et philosophiae scientiarum 2020 / p. 33-61 : ill <https://doi.org/10.11590/abhps.2020.1.02> [https://www.ester.ee/record=b2941458\\*est](https://www.ester.ee/record=b2941458*est) [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Endolichenic fungus, Aspergillus quandricinctus of Usnea longissima inhibits quorum sensing and biofilm formation of Pseudomonas aeruginosa PAO1**

Prateeksha; Bajpai, Rajesh; Yusuf, Mohd Aslam; Upreti, Dalip Kumar; **Gupta, Vijai Kumar**; Singh, Brahma Nand Microbial pathogenesis 2020 / art. 103933, 9 p. : ill <https://doi.org/10.1016/j.micpath.2019.103933> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Endurance of micro-perforated elements in unmanned ground vehicle's small diesel engine silencer application**

**Rämmal, Hans; Lavrentjev, Jüri** SAE Technical Paper Series : The 25th Small Engine Technology Conference (SETC2019) : Small Powertrains-Innovating for Their Future Role, International Conference Center Hiroshima, November 19-21, 2019 : Final program 2020 / Paper 2019-32-0533, p. 1-8 [http://www.setc-jsae.com/2019docs/SETC2019\\_FinalProgram\\_all.pdf](http://www.setc-jsae.com/2019docs/SETC2019_FinalProgram_all.pdf) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Energiatootmine Eestis ja lähiriikides**

**Konist, Alar** Postimees 2020 / Lk. 6-7 : ill <https://dea.digar.ee/article/ak/2020/09/19/5.1>

### **Energy and technical building systems - scientific and technological advances**

2020 <https://doi.org/10.3390/books978-3-03928-179-4>

### **Energy cascade connection of a low-temperature district heating network to the return line of a high-temperature district heating network**

**Volkova, Anna; Krupenski, Igor**; Ledvanov, Aleksandr; Hlebnikov, Aleksandr; **Lepiksaar, Kertu; Latõšov, Eduard; Mašatin, Vladislav** Energy 2020 / art. 117304, 15 p. : ill <https://doi.org/10.1016/j.energy.2020.117304> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Energy co-pricing in an integrated energy system for promoting electric energy substitution**

Wang, Yizheng; Duan, Shuyin; **Wen, Fushuan; Palu, Ivo**; Xue, Yusheng 2020 International Conference on Smart Grids and Energy Systems (SGES): 23-26 Nov. 2020 2020 / p. 60-65 <https://doi.org/10.1109/SGES51519.2020.00018>

### **Energy management for an integrated energy system with data centers considering carbon trading**

Wang, Yizheng; Li, Zhonghui; **Wen, Fushuan; Palu, Ivo**; Sun, Yikai; Zhang, Lijun; Gao, Meijin 2020 IEEE Power & Energy Society General Meeting (GM 2020) 2020 / 5 I <https://doi.org/10.1109/PESGM41954.2020.9281980>

### **Energy performance of buildings**

2020 [https://www.mdpi.com/journal/energies/special\\_issues/energy\\_performance\\_of\\_buildings](https://www.mdpi.com/journal/energies/special_issues/energy_performance_of_buildings)

### **Energy pile field simulation in large buildings: validation of surface boundary assumptions**

**Ferrantelli, Andrea; Fadejev, Jevgeni; Kurnitski, Jarek** Energy and technical building systems - scientific and technological advances 2020 / p. 12-31 : ill <https://doi.org/10.3390/books978-3-03928-179-4>

### **Energy production from steam gasification processes and parameters that contemplate in biomass gasifier – a review**

Singh Siwal, Samarjeet; Zhang, Qibo; Sun, Changbin; Thakur, Sourbh; **Gupta, Vijai Kumar**; Kumar Thakur, Vijay Bioresource Technology 2020 / Art. nr. 122481 <https://doi.org/10.1016/j.biortech.2019.122481> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Energy saving potential with smart thermostats in low-energy homes in cold climate**

**Kull, Tuule Mall; Penu, Karl-Rihard; Thalfeldt, Martin; Kurnitski, Jarek** E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 09009, 7 p. : ill <https://doi.org/10.1051/e3sconf/202017209009> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Energy storage expansion planning in microgrid**

**Ahmadihangar, Roya; Baharvandi, Amir; Rosin, Argo; Häring, Tobias; Azizi, Elnaz; Korötko, Tarmo; Shabbir, Noman** Proceedings : 2020 IEEE 14th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) : Online - Setúbal, Portugal, 08 - 10 July, 2020 2020 / p. 433-437 <https://doi.org/10.1109/CPE-POWERENG48600.2020.9161502>

### **Energy storage for 1500 V photovoltaic systems : A comparative reliability analysis of DC-and AC-Coupling**

He, Jinkui; Yang, Yongheng; **Vinnikov, Dmitri** Energies 2020 / art. 3355, 16 p. : ill <https://doi.org/10.3390/en13133355> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Energy transition impact assessment methodology for fossil fuel based energy systems = Fossiilsetel kütustel põhinevate energiamajanduste ümberkorraldamise mõjude hindamise metoodika**

**Härm, Mihkel** 2020 <https://digikogu.taltech.ee/et/Item/3087bc85-dafc-4489-98bb-0ee9dbd26b27>

### **Enesetäiendamine on lihtsam kui kunagi varem**

Rebane, Karoliina Postimees 2020 / Lk. 12 <https://dea.digar.ee/article/postimees/2020/12/28/12.5>

### **Enginaator**

**Juchnewitsch, Anna-Grete** Studioosus 2020 / lk. 20-23 : fot [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

### **Engineered microbes for pigment production using waste biomass**

**Usmani, Zeba**; Sharma, Minaxi; Sudheer, Surya; Gupta, Vijai Kumar; Bhat, Rajeev Current genomics 2020 / p. 80-95 <https://doi.org/10.2174/1389202921999200330152007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Enhanced photocatalytic activity of ZnO nanorods by surface treatment with H<sub>2</sub>AuCl<sub>4</sub> : synergic effects through an electron scavenging, plasmon resonance and surface hydroxylation**

**Dedova, Tatjana; Oja Acik, Ilona; Chen, Zengjun; Katerski, Atanas; Balmassov, Kirill; Gromöko, Inga**; Nagyne-Kovacs, T.; Szilagyi, I.M.; **Krunks, Malle** Materials chemistry and physics 2020 / art. 122767 <https://doi.org/10.1016/j.matchemphys.2020.122767> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Enhanced visible and ultraviolet light-induced gas-phase photocatalytic activity of TiO<sub>2</sub> thin films modified by increased amount of acetylacetone in precursor solution for spray pyrolysis**

**Spiridonova, Jekaterina; Mere, Arvo; Krunks, Malle; Rosenberg, Merilin**; Kahru, Anne; **Danilson, Mati; Kritševskaja, Marina**; **Oja Acik, Ilona** Catalysts 2020 / 21 p. : ill <https://doi.org/10.3390/catal10091011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Enhancement of the e-invoicing systems by increasing the efficiency of workflows via disruptive technologies**

**Gunaratne, Hiruni; Pappel, Ingrid** Electronic Governance and Open Society: Challenges in Eurasia : 7th International Conference, EGOSE 2020, St. Petersburg, Russia, November 18-19, 2020 : proceedings 2020 / p. 60-74 <https://doi.org/10.1007/978-3-030-67238->

**Enn Tõugu : 20. V 1935-30. III 2020**

Sirp 2020 / lk. 37 <https://sirp.ee/s1-artiklid/c21-teadus/enn-tougu-20-v-1935-30-iii-2020/>

**Enneta küberkurjategijat tema järgmist sammu ette nähes [Võrguväljaanne]**

Zirnask, Villu finantsuudised.ee 2020 [Enneta küberkurjategijat tema järgmist sammu ette nähes](#)

**Enneta südameveresoonekonnahaigus!**

Terviseatlas 2020 / lk. 48-51 : ill [https://www.ester.ee/record=b4613289\\*est](https://www.ester.ee/record=b4613289*est) <https://dea.digar.ee/publication/AKterviseatlas>  
[https://www.ester.ee/record=b2500991\\*est](https://www.ester.ee/record=b2500991*est)

**Ensuring Cybersecurity in Shipping: Reference to Estonian Shipowners**

Heering, Dan TransNav : the international journal on marine navigation and safety of sea transportation 2020 / p. 271-278

<https://doi.org/10.12716/1001.14.02.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Ensuring the cycling safety by improving bicycle infrastructure**

Makarova, Irina; Boyko, Aleksey; Shubenkova, Ksenia; **Pashkevich, Anton** Transbaltica XI : Transportation Science and Technology : Proceedings of the International Conference Transbaltica, May 2-3, 2019, Vilnius, Lithuania 2020 / p. 386-396

[https://doi.org/10.1007/978-3-030-38666-5\\_41](https://doi.org/10.1007/978-3-030-38666-5_41)

**Enzymatic ways for desymmetrization of malonic derivatives**

Murre, Aleksandra; Erkman, Kristin; Kanger, Tõnis GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 64 : ill <http://fmdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

**Environmental and economic regulation of sustainable spatial agroforestry**

Prokopenko, Olha; Mishenin, Yevhen; Mura, Ladislav; Yarova, Inessa International journal of global environmental 2020 / p. 109-128

<https://doi.org/10.1504/JGENVI.2020.114868> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Environmental impacts of grey water discharge from ships in the Baltic Sea**

Ytreberg, Erik; Eriksson, Martin; **Maljutenko, Ilja** Marine pollution bulletin 2020 / art. 110891

<https://doi.org/10.1016/j.marpolbul.2020.110891> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The Erasmus+ strategic partnership as a way to attract young people to engineering**

Stepien, Mariusz; Berger, Kevin; **Rassõlkin, Anton; Vaimann, Toomas** Advances in Human Factors in Training, Education, and Learning Sciences : Proceedings of the AHFE 2019 International Conference on Human Factors in Training, Education, and Learning Sciences, July 24-28, 2019, Washington D.C., USA 2020 / p. 252-259 [https://doi.org/10.1007/978-3-030-20135-7\\_25](https://doi.org/10.1007/978-3-030-20135-7_25) [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Erinevate koormustingimustega maa-aluste torustike ehituslik projekteerimine. Osa 1, Üldnõuded [Võrguteavik] = Structural design of buried pipelines under various condition of loading. Part 1, General requirements**

2020 [https://www.ester.ee/record=b5373751\\*est](https://www.ester.ee/record=b5373751*est)

**Eriolukord paneb saarlased nutikalt liikuma**

Vaher, Eva-Maria Jooksja : sinu vastupidavusalade ajakiri 2020 / lk. 18-20 : fot [https://www.ester.ee/record=b2488776\\*est](https://www.ester.ee/record=b2488776*est)

**Eriolukord pani proovile õppejõudude leidlikkuse**

Stubender-Lõugas, Kreet Teeleht 2020 / lk. 16-17 : ill [https://www.ester.ee/record=b1073043\\*est](https://www.ester.ee/record=b1073043*est)  
[https://www.mnt.ee/sites/default/files/road\\_paper\\_pdf/mnt\\_teeleht\\_suvi2020\\_nr100\\_veeb\\_1\\_1.pdf](https://www.mnt.ee/sites/default/files/road_paper_pdf/mnt_teeleht_suvi2020_nr100_veeb_1_1.pdf)

**Eriõe professionaalne areng ja võimestamine magistriõppe arendusprojekti kaudu**

**Ojasoo, Merle** Eesti õendus ajas ja muutumises: Teadus- ja õppemetoodiliste artiklite kogumik 2020 / p. 133-139  
[https://www.ester.ee/record=b5379916\\*est](https://www.ester.ee/record=b5379916*est)

**Erkki Truve : 23. II 1965 - 7. IV 2020**

Sirp 2020 / lk. 37 <https://sirp.ee/s1-artiklid/c21-teadus/erkki-truve-23-ii-1965-7-iv-2020/>

**Erkki Truve : 23. veebruar 1965 - 7. aprill 2020**

Piirsoo, Marko Eesti Loodus 2020 / lk. 72 : portr [http://www.ester.ee/record=b1072059\\*est](http://www.ester.ee/record=b1072059*est)

**Erko Lepa: inseneriharidus annab baasi ükskõik mis valdkonda liikumiseks**

Lepa, Erko Elektriala 2020 / lk. 22-23 : fot [http://www.ester.ee/record=b1240496\\*est](http://www.ester.ee/record=b1240496*est) <https://new.abb.com/news/et/detail/63276/erko-lepa-inseneriharidus-annab-baasi-ukskoik-mis-valdkonda-liikumiseks>

**Erosion studies of the iron boride coatings for protection of tubing components in oil production, mineral processing and engineering applications**

Medvedovski, Eugene; **Antonov, Maksim** Wear 2020 / art. 203277, 8 p. : ill <https://doi.org/10.1016/j.wear.2020.203277> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Erosion studies of the iron boride coatings for protection of tubing components in oil production, mineral processing and engineering applications**

Medvedovski, Eugene; **Antonov, Maksim** 44th International Conference & Exposition on Advanced Ceramics and Composites, January 26–31, 2020, Daytona Beach, Florida : Abstract book 2020 / (ICACC-S2-005-2020) ; p. 19 [https://ceramics.org/wp-content/uploads/2018/09/ICACC20\\_Abstracts\\_WebFinal.pdf](https://ceramics.org/wp-content/uploads/2018/09/ICACC20_Abstracts_WebFinal.pdf)

### **Erosive wear resistance of nature-inspired flexible materials**

**Kumar, Rahul, 1993-; Antonov, Maksim; Holovenko, Yaroslav; Surženkov, Andrei** Tribology letters 2020 / art. 51, 8 p. : ill <https://doi.org/10.1007/s11249-020-01296-8> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Erratum: Microbiome definition re-visited: old concepts and new challenges (Microbiome (2020) 8 (103) DOI: 10.1186/s40168-020-00875-0)**

Berg, Gabriele; Rybakova, Daria; Fischer, Doreen; Cernava, Tomislav; Vergès, Marie-Christine Champomier; Charles, Trevor C.; Chen, Xiaoyulong; Cocolin, Luca; Eversole, Kellye; **Sarand, Inga** Microbiome 2020 / art. 119, 1 p. <https://doi.org/10.1186/s40168-020-00905-x> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **ERÜ juhatuses esimehe kandidaadi Tuuliki Tõiste kõne 28. veebruaril toimunud valimistel**

**Tõiste, Tuuliki** Raamatukogu 2020 / lk. 41 [http://www.ester.ee/record=b1072819\\*est](http://www.ester.ee/record=b1072819*est) [https://issuu.com/nlib/docs/2020\\_rk2\\_issuu](https://issuu.com/nlib/docs/2020_rk2_issuu)

### **eSignature in eCourt Systems**

**Ahmed, Rozha Kamal; Lips, Silvia; Draheim, Dirk** Proceedings of the World Conference on Smart Trends in Systems, Security and Sustainability (WS4 2020), London, UK, July 27 – 28, 2020 : Virtual Conference 2020 / p. 352-356 <https://doi.org/10.1109/WorldS450073.2020.9210309>

### **Esimesed kogemused satelliit-tehisavaradari (SAR) aktiivtransponderitega Eestis**

**Varbla, Sander; Ellmann, Artu** Geodeet 2020 / lk. 30-35 : ill [http://www.ester.ee/record=b1072198\\*est](http://www.ester.ee/record=b1072198*est)

### **Esimesed lillstipendiaadid on rahale kasutuse leidnud. Kes nad on?**

Mente et Manu 2020 / lk. 60-61 : portr [https://www.ttu.ee/public/m/mente-et-manu/MM\\_02\\_2020/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_02_2020/mobile/index.html) [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

### **Esimesest skautide jüripäeva paraadist möödus 100 aastat**

Eesti Elu : [Kanada ajaleht] 2020 / lk. 13 : fot <https://issuu.com/estonianlife/docs/eestieluno16apr24>

### **Esita avaldus magistriõppesse juba täna!**

**Joala, Epp** Studioosus 2020 / lk. 10-11 : ill [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

### **Esitleti ajalooramatut "Eesti elektrivõrkude ajalugu"**

Aro, Rein Elektriala 2020 / lk. 14-15 : fot [http://www.ester.ee/record=b1240496\\*est](http://www.ester.ee/record=b1240496*est) [https://www.ester.ee/record=b5298769\\*est](https://www.ester.ee/record=b5298769*est)

### **Essays on housing, monetary policy and consumption = Uurimused kinnisvarast, rahapoliitikast ja tarbimisest**

**Rosenberg, Signe** 2020 <https://digikogu.taltech.ee/et/Item/aee844df-40af-4b37-af7e-e72c45e769d8>

### **Essays on Internet voting implementation in legally binding elections**

**Krivososova, Iuliia** Fifth International Joint Conference on Electronic Voting : E-Vote-ID 2020, 6-9 October 2020 : proceedings 2020 / p. 410-411 <https://digikogu.taltech.ee/et/Item/593d1e1a-9bbc-439b-afdc-f72abfcc8afa>

### **Estimating parameters for traffic flow using navigation data on vehicles**

Burinskiene, Marija; Kapski, Denis; Kasyanik, Valery; **Pashkevich, Anton** The Baltic journal of road and bridge engineering 2020 / p. 1-21 <https://doi.org/10.7250/bjrbe.2020-15.492> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Estimating the wave statistics bias in the partially ice-covered regions of the Baltic Sea**

**Najafzadeh, Fatemeh; Kudryavtseva, Nadezhda; Giudici, Andrea; Soomere, Tarmo** 3rd Baltic Earth Conference : Earth system changes and Baltic Sea coasts, To be held in Jastarnia, Hel Peninsula, Poland, 1 to 5 June 2020, Held online, 2-3 June 2020 : Conference proceedings 2020 / P. 181-182 : ill [Proceeding](#)

### **Estonia : [Case Report COVID-19]**

**Titma, Tiina** EAHL Newsletter 2020 / p. 10-11 : phot <https://eahl.eu/sites/default/files/NEWSLETTER.pdf>

### **Estonia at both ends of the globe**

Teetsov, Vincent Eesti Elu : [Kanada ajaleht] 2020 / p. 11 : ill

### **Estonia como país líder en gobierno electrónico : enfoque legal para regular la inteligencia artificial**

**Kerikmäe, Tanel; Nyman-Metcalf, Katrin Merike; Tehver, Jaanus; Hoffmann, Thomas; Taveter, Kuldar; Liiv, Innar; Pärn-Lee, Evelin; Salumaa-Lepik, Kärt; Shumilo, Olga; Ramiro Troitino, David** Inteligencia artificial : de la discrepancia regional a las reglas universales 2020 <https://www.marcialpons.es/libros/inteligencia-artificial-de-la-discrepancia-regional-a-las-reglas-universales/9788413468358/>

**Estonia huku uurimiskomisjoni liige ei usu kokkupõrget laevaga**

Einmann, Andres Postimees 2020 / lk. 4 : fot <https://dea.digar.ee/article/postimees/2020/09/29/3.9>

**Estonia vrakilt avastatud vigastus tekkis merepõhjas [Võrguväljaanne]**

Kõrgesaar, Mihkel err.ee 2020 / fot [Estonia vrakilt avastatud vigastus tekkis merepõhjas](https://dea.digar.ee/article/postimees/2020/09/29/3.9)

**Estonia y la Sociedad de Naciones : Análisis histórico crítico**

**Ramiro Troitino, David; Kerikmäe, Tanel** De la Sociedad de Naciones a la globalización : visiones desde América y Europa 2020 / p. 290–301

**Estonia, an overview of legal measures taken at the time of COVID19 outbreak**

Titma, Tiina EAHN Newsletter 2020 / p. 22-24 : ill <https://eahn.eu/sites/default/files/Newsletter%2006.20.pdf>

**Estonian Academy of Sciences yearbook 2019 : words and images. Facts and figures = Annales Academiae Scientiarum Estonicae**

2020 [https://www.ester.ee/record=b1218154\\*est](https://www.ester.ee/record=b1218154*est)

**Estonian AI legal strategy : Dilemmas related to State liability, awareness and privacy**

**Kerikmäe, Tanel** Balancing Cyber-Security and Privacy : workshop Comenius University in Bratislava, February 28, 2020, Comenius University in Bratislava 2020 / 1 p [https://comeniusvyskum.flaw.uniba.sk/wp-content/uploads/2020/02/28\\_2\\_2020\\_w\\_final\\_programme.pdf](https://comeniusvyskum.flaw.uniba.sk/wp-content/uploads/2020/02/28_2_2020_w_final_programme.pdf)

**Estonian discussions on economic policy : 100 years from signing the Peace Treaty of the Estonian War of Independence in Tartu (2.02.1920). 100 years from the first Constitution of the Republic of Estonia (was in effect from 1920 to 1933) = Estnische Gespräche über Wirtschaftspolitik : Vor 100 Jahren wurde der Friedenvertrag von Tartu unterzeichnet (2.02.1920). Vor 100 Jahren trat die erste Verfassung der Republik Estland (in Kraft 1920-1933) = Eesti majanduspoliitilised väitlused : 100 aastat Eesti Vabadussõja rahulepingu allakirjutamisest Tartus (2.02.1920). 100 aastat Eesti Vabariigi esimesest Põhiseadusest (kehtis aastatel 1920-1933)**

2020 [https://www.ester.ee/record=b2280774\\*est](https://www.ester.ee/record=b2280774*est)

**Estonian identity construction between nation branding and building**

**Polese, Abel; Ambrosio, Thomas; Kerikmäe, Tanel** Czech journal of international relations 2020 / p. 24-46 <https://doi.org/10.32422/mv.1690> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Estonian Journal of Earth Sciences**

2020 <https://kirj.ee/earthsciences/> [https://www.ester.ee/record=b2246661\\*est](https://www.ester.ee/record=b2246661*est)

**Estonian logistics market 2018 survey : analysis and findings**

**Kiisler, Ain; Solakivi, Tomi; Hilmola, Olli-Pekka** Kristian LogForum : Scientific journal of logistics 2020 / p. 409-420 : ill <https://doi.org/10.17270/J.LOG.2020.468> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Estonia-sari, mis tõenäoliselt ei muuda midagi**

Jõesaar, Tuuli Eesti Päevaleht 2020 / Lk. 4-5 : fot <https://dea.digar.ee/article/eestipaevaleht/2020/09/29/6.1>

**ETSI SmartBAN architecture: The global vision for smart body area networks**

Hamalainen, Matti; Mucchi, Lorenzo; Girod-Genet, Marc; Paso, Tuomas; Farserotu, John; Tanaka, Hirokazu; Anzai, Daisuke; Pierucci, Laura; **Khan, Rida; Alam, Muhammad Mahtab** IEEE Access 2020 / art. 9167215, p. 150611-150625 <https://doi.org/10.1109/ACCESS.2020.3016705> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Ettevaatust, tervist ohustav töökeskkond**

Teichmann, Mare Postimees 2020 / Lk. 19 : portr [https://www.ester.ee/record=b1072778\\*est](https://www.ester.ee/record=b1072778*est)

**Ettevõtlusprorektor Sven Illing: ettevõtlik ülikool panustab aktiivselt ühiskonda**

Illing, Sven Mente et Manu 2020 / lk. 28-29 : fot <https://dea.digar.ee/cgi-bin/dea?a=is&oid=AKmenteetmanu202011&type=staticpdf>

**Ettevõtteid saavad tooteid ja teenuseid testida TalTechi asjade interneti ja 5G platvormil**

Mente et Manu 2020 / lk. 11 <https://dea.digar.ee/cgi-bin/dea?a=is&oid=AKmenteetmanu202011&type=staticpdf>

**Ettevõtteid soovivad : magistrikraad annab töötajale hindamatu väärtuse**

**Jürgens, Jacqueline Maxine** Mente et Manu 2020 / lk. 50 [https://www.ttu.ee/public/m/mente-et-manu/MM\\_02\\_2020/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_02_2020/mobile/index.html) [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

## **EU cybersecurity governance – stakeholders and normative intentions towards integration**

**Kasper, Agnes** The future of the European Union : demisting the debate 2020 / p. 166–185

<https://www.um.edu.mt/library/oar/handle/123456789/52308>

[https://www.um.edu.mt/library/oar/bitstream/123456789/52308/1/EU\\_cybersecurity\\_governance%e2%80%93stakeholders\\_and\\_normative\\_intentions\\_towards\\_integration\\_2020.pdf](https://www.um.edu.mt/library/oar/bitstream/123456789/52308/1/EU_cybersecurity_governance%e2%80%93stakeholders_and_normative_intentions_towards_integration_2020.pdf)

## **EU electricity market design issues and solutions for increased RES penetration**

**Crasta, Cletus J.; Agabus, Hannes; Palu, Ivo** 2020 17th International Conference on the European Energy Market (EEM 2020)

2020 <https://doi.org/10.1109/EEM49802.2020.9221997>

## **EU enlargement policy towards the Western Balkans : state actors, interests and strategies**

**Cancela Outeda, Celso; Lamoso Gonzalez, Paula; Ramiro Troitino, David** European Studies : The Review of European Law,

Economics and Politics 2020 / p. 296-324 <https://www.ceeol.com/search/article-detail?id=932776>

<https://obchod.wolterskluwer.cz/cz/european-studies-7-2020.dm-21360.pdf>

## **The EU in the 21st century : challenges and opportunities for the European integration process**

2020 <https://doi.org/10.1007/978-3-030-38399-2>

## **EU in twenty-first century, does crisis mean opportunity?**

**Ramiro Troitino, David; Kerikmäe, Tanel; Martin de la Guardia, Ricardo; Perez Sanchez, Guillermo A.** The EU in the 21st century :

challenges and opportunities for the European integration process 2020 / p. 3-9 [https://doi.org/10.1007/978-3-030-38399-2\\_1](https://doi.org/10.1007/978-3-030-38399-2_1)

## **Eurokoodeks 3 [Võrguteavik] : teraskonstruksioonide projekteerimine. Osa 1-5, Tasapinnalised konstruktsioonielemendid = Eurocode 3 : design of steel structures. Part 1-5, Plated structural elements**

2020 [https://www.ester.ee/record=b5303425\\*est](https://www.ester.ee/record=b5303425*est)

## **Eurokoodeks 3 [Võrguteavik] : teraskonstruksioonide projekteerimine. Osa 1-5, Tasapinnalised konstruktsioonielemendid = Eurocode 3 : design of steel structures. Part 1-5, Plated structural elements**

2020 [https://www.ester.ee/record=b5303956\\*est](https://www.ester.ee/record=b5303956*est)

## **Euroliidu T&A toetused tõstsid ettevõtete tööviljakust pea poole võrra [Võrguväljaanne]**

**Männasoo, Kadri** novaator.err.ee 2020 / fot [Euroliidu T&A toetused tõstsid ettevõtete tööviljakust pea poole võrra](#)

## **Euroopa Liidu ettevõtlus- ja innovatsioonitoetused panustavad tootlikkuse kasvu ning hõivesse**

**Masso, Jaan; Männasoo, Kadri; Tasane, Helery** Riigikogu Toimetised 2020 / lk. 159-164 : kaart, ill

[https://rito.riigikogu.ee/wordpress/wp-content/uploads/2020/12/RiTo\\_42.pdf](https://rito.riigikogu.ee/wordpress/wp-content/uploads/2020/12/RiTo_42.pdf)

## **Euroopa oma tehismõistus**

**Tammet, Tanel; Liiv, Innar** Sirp 2020 / lk. 33-34 : ill <https://www.sirp.ee/s1-artiklid/c21-teadus/euroopa-oma-tehismoistus/>

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

## **Euroopa saab uue supertehnikaülikooli**

Imeline Teadus 2020 / lk. 19 [https://www.ester.ee/record=b2747925\\*est](https://www.ester.ee/record=b2747925*est)

## **Euroopa teaduste akadeemiate regeneratiivmeditsiini tulevikuvisioon**

**Vasar, Eero; Soomere, Tarmo** Sirp 2020 / lk. 22-23 : ill <https://www.sirp.ee/s1-artiklid/c21-teadus/euroopa-teaduste-akadeemiate-regeneratiivmeditsiini-tulevikuvisioon/>

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

## **European contributions to American city and regional planning : a snapshot of the flow of concepts and ideas across the Atlantic**

**Mullin, John; Kotval, Zenia** Acta architecturae naturalis = Maastikuarhitektuurseid uurimusi 2020 / 10 p

<https://www.maastikuarhitektuur.ee/acta/article/view/84> [https://www.ester.ee/record=b2731314\\*est](https://www.ester.ee/record=b2731314*est)

## **European framework on ethical aspects of artificial intelligence, robotics and related technologies**

**Evas, Tatjana; Lomba, Niombo** 2020

[https://www.europarl.europa.eu/RegData/etudes/STUD/2020/654179/EPRS\\_STU\(2020\)654179\\_EN.pdf](https://www.europarl.europa.eu/RegData/etudes/STUD/2020/654179/EPRS_STU(2020)654179_EN.pdf) <https://doi.org/10.2861/94107>

## **European internal security interests and Brexit. Legal and operational aspects of the post-Brexit cooperation model**

**Loik, Ramon** Romanian journal of European affairs 2020 / p. 5-17 <http://rjea.ier.gov.ro/en/issues/rjea-vol-20-no-2-december-2020/>

## **European mining and the social license to operate**

**Lesser, Pamela; Gugerell, Katharina; Poelzer, Gregory; Hitch, Michael William; Tost, Michael** The Extractive industries and society

2020 / art. 787, 8 p <https://doi.org/10.1016/j.exis.2020.07.021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **European Regional Airport : Factors Influencing Efficiency**

**Nõmmik, Allan; Antov, Dago** Transport and telecommunication journal 2020 / p. 211 - 220 <https://doi.org/10.2478/tjt-2020-0017>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**European research in focus : mechanochemistry for sustainable industry (COST Action MechSustInd)**

Hernandez, Jose G.; Halasz, Ivan; Crawford, Deborah E.; Krupicka, Martin; Balaž, Matej; Vania, Andre; VellaIzarb, Liana; **Niidu, Allan**; Garcia, Felipe; Maini, Lucia; Colacino, Evelina European journal of organic chemistry 2020 / p. 8-9 : ill  
<https://doi.org/10.1002/ejoc.201901718> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**European Union and Great Britain: after Brexit, who wins the break-up?**

Laitinen, Essi; **Ramiro Troitino, David**; **Kerikmäe, Tanel** The EU in the 21st century : challenges and opportunities for the European integration process 2020 / p. 103-116 [https://doi.org/10.1007/978-3-030-38399-2\\_7](https://doi.org/10.1007/978-3-030-38399-2_7)

**Evaluating cybersecurity-related competences through simulation exercises = Küberturbe-alaste kompetentside hindamine simulatsiooniharjutuste abil**

**Mäses, Sten** 2020 [https://www.ester.ee/record=b5384385\\*est](https://www.ester.ee/record=b5384385*est) <https://digikogu.taltech.ee/et/Item/b4c33d3b-e7ce-48ad-98ad-a0add5e571a3>

**Evaluating daylight factor standard through climate based daylight simulations and overheating regulations in Estonia**

**De Luca, Francesco**; **Kiil, Martin**; **Simson, Raimo**; **Kurnitski, Jarek**; **Murula, Rein** Proceedings of Building Simulation 2019 : 16th IBPSA International Conference and Exhibition, 2-4 Sept., Rome 2020 / p. 3968-3975 : ill  
<https://doi.org/10.26868/25222708.2019.210915>

**Evaluating responsibility for voltage unbalance emission in three-phase three-wire networks**

Sayenko, Yuri; Kalyuzhniy, Dmitry; **Bolgov, Viktor**; Baranenko, Tatiana 12th International Conference and Exhibition on Electrical Power Quality and Utilisation, Cracow, Poland, 14-15 September 2020 : conference proceedings 2020 / 6 p. : ill  
<https://doi.org/10.1109/EPQU50182.2020.9220312>

**Evaluating the changes in the functional status of the musculoskeletal system before and after an intervention among sewing machine operators with partial work ability**

Traumann, Ada; **Tint, Piia**; Merisalu, Eda; Hiir, Kadi Journal of biomimetics biomaterials and biomedical engineering 2020 / p. 127-135 <https://doi.org/10.4028/www.scientific.net/JBBE.47.127> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Evaluating the impact of artificial intelligence technologies in public services : towards an assessment framework**

**Noordt, Colin Pascal van**; Misuraca, Gianluca ICEGOV '20 : proceedings of the 13th International Conference on Theory and Practice of Electronic Governance : Athens, Greece, September 23-25, 2020 2020 / p. 8-16 <https://doi.org/10.1145/3428502.3428504>  
[Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Evaluation of approaches for designing and developing decentralized applications on blockchain**

**Udokwu, Chibuzor**; **Anyanka, Henry**; **Norta, Alexander** ICACS'20 : proceedings of the 4th International Conference on Algorithms, Computing and Systems. ICACS-AECC 2020: the 2nd African Electronics Computer and Communication Conference, September 18-20, 2020, Virtual Conference 2020 / p. 55-62 <https://doi.org/10.1145/3423390.3426724> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Evaluation of new applications of oil shale ashes in building materials**

**Usta, Mustafa Cem**; **Yörük, Can Rüstü**; **Hain, Tiina**; Paaver, Peeter; Snellings, Ruben; Rozov, Eduard; **Gregor, Andre**; **Kuusik, Rein**, **keemik**; **Triikkel, Andres**; **Uibu, Mai** Minerals 2020 / art. 765, 19 p. : ill <https://doi.org/10.3390/min10090765> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Evaluation of the effectiveness of entrepreneurship and innovation support in the Operational Programme for Cohesion Policy Funds 2014-2020 [Võrguteavik] : Ministry of Finance : final report**

Espenberg, Siim; **Rozeik, Helena**; Ferraro, Simona; Juuse, Egert; Karo, Erkki; **Kiis, Aino**; **Küttim, Merle**; **Männasoo, Kadri**; **Müür, Jaanus**; **Niine, Tarvo**; **Ojamäe, Liis**; **Reidolf, Merli**; **Tasane, Helery** 2020 [https://www.ester.ee/record=b5379561\\*est](https://www.ester.ee/record=b5379561*est)

**Evelin Pärn-Lee ja ja Kati Jakobson-Lott: riigiabi seaduslikkusest**

**Pärn-Lee, Evelin**; Jakobson-Lott, Kati err.ee 2020 <https://www.err.ee/1065999/evelin-parn-lee-ja-ja-kati-jakobson-lott-riigiabi-seaduslikkusest>

**Even food on the battlefield needs to be armed: Sensory characteristics and physico-chemical analysis of long shelf-life breads**

**Vaikka, Helen**; **Leppik, Kärt**; **Kuldjärv, Rain** EUROSENSE 2020: 9th European Conference on Sensory and Consumer Research 2020

**Event detection based on open information extraction and ontology**

Sahnoun, Sihem; Elloumi, Samir; **Ben Yahia, Sadok** Journal of Information and Telecommunication 2020 / p. 383-403  
<https://doi.org/10.1080/24751839.2020.1763007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Event-triggered cooperative control of distributed generators in a distribution network subject to jamming attacks**

Xu, Yan; **Wen, Fushuan**; **Palu, Ivo** 2020 International Conference on Smart Grids and Energy Systems (SGES): 23-26 Nov. 2020 / p. 95-99 <https://doi.org/10.1109/SGES51519.2020.00024>

### **Evolutionary origin of the P2X7 C-ter region : capture of an ancient ballast domain by a P2X4-Like gene in ancient jawed vertebrates**

**Rump, Airi**; **Smolander, Olli-Pekka**; **Rüütel Boudinot, Sirje**; Kanellopoulos, Jean; Boudinot, Pierre *Frontiers in immunology* 2020 / art. 113, 15 p. : ill <https://doi.org/10.3389/fimmu.2020.00113> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **E-Voting system evaluation based on the council of Europe Recommendations : nVotes**

Marcos del Blanco, David Yeregui; **Duenas Cid, David**; Aláiz Moretón, Hector *Electronic Voting : 5th International Joint Conference, E-Vote-ID 2020, Bregenz, Austria, October 6–9, 2020 : proceedings* 2020 / p. 147-166 : ill [https://doi.org/10.1007/978-3-030-60347-2\\_10](https://doi.org/10.1007/978-3-030-60347-2_10)

### **E-Voting System evaluation based on the Council of Europe recommendations: nVotes**

Marcos del Blanco, David Yeregui; **Duenas Cid, David**; Aláiz Moretón, Hector *Fifth International Joint Conference on Electronic Voting : E-Vote-ID 2020, 6-9 October 2020 : proceedings* 2020 / p. 138-154 : ill <https://digikogu.taltech.ee/et/Item/593d1e1a-9bbc-439b-afdc-f72abfcc8afa> [Article at Scopus](#) [Conference proceedings at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

### **Examining the performance sentinel-3A SAR altimetry retrackers and hydrodynamic models sing a high-Resolution Geoid model in the Baltic Sea**

**Delpeche-Ellmann, Nicole Camille**; **Mostafavi, Majid**; **Ellmann, Artu** *12th Coastal Altimetry Workshop : Coastal Altimetry Training Course, 4-7 February, 2020 : European Space Agency ESRI, Frascati, Italy : abstracts* 2020 / p. 14 <https://az659834.vo.msecnd.net/eventsairwesteuprod/production-nikal-public/ae128dad984c40168397660cc8d0ede7>

### **An example of green surfactant systems based on inherently biodegradable IL-derived amphiphilic oximes**

Pandya, Subhashree Jayesh; **Kapitanov, Illia**; **Usmani, Zeba**; Sahu, Reshma; Sinha, Deepak; **Gathergood, Nicholas**; Ghosh, Kallol K.; **Karpichev, Yevgen** *Journal of molecular liquids* 2020 / art. 112857 <https://doi.org/10.1016/j.molliq.2020.112857> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Excessive pricing of pharmaceuticals in The EU : balancing between exploitation and exploitative abuse**

**Minn, Mari** *TalTech journal of European studies* 2020 / p. 91-108 <https://doi.org/10.1515/bjes-2020-0023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Excitonic emission in heavily Ga-doped zinc oxide films grown on GaN**

Shteplyuk, I.; Khranovskyy, D.; Gogova, D.; **Danilson, Mati**; **Krunks, Malle** *Journal of luminescence* 2020 / art. 117265, 10 p. : ill <https://doi.org/10.1016/j.jlumin.2020.117265> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Expectation-driven house prices and debt defaults : the effectiveness of monetary and macroprudential policies**

Bekiros, Stelios; **Nilavongse, Rachatar**; Uddin, Gazi Salah *Journal of Financial Stability* 2020 / Art. 100760 <https://doi.org/10.1016/j.jfs.2020.100760> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Expected vs. unexpected : selecting right measures of interestingness**

**Sharma, Rahul**; **Kaushik, Minakshi**; **Arakkal Peious, Sijo**; **Ben Yahia, Sadok**; **Draheim, Dirk** *Big Data Analytics and Knowledge Discovery : 22nd International Conference, DaWaK 2020, Bratislava, Slovakia, September 14–17, 2020 : proceedings* 2020 / p. 38-47 [https://doi.org/10.1007/978-3-030-59065-9\\_4](https://doi.org/10.1007/978-3-030-59065-9_4) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Experiential learning within the context of international partnerships and study abroad programs: a case study of the cooperation between the urban and regional planning program at Michigan State University and the School of Spatial Planning at the Dortmund University of Technology**

**Kotval, Zenia**; Ziegler-Hennings, Christiane; Budinger, Anne *Community Engagement Abroad: Perspectives and practices on service, engagement, and learning overseas (Transformations in Higher Education)* 2020 / p. 51–63 <https://www.amazon.de/-/en/Pat-Crawford/dp/1611863481?asin=1611863481&revisionId=&format=4&depth=1>

### **Experiential marketing for tourism destinations**

Rather, Raouf Ahmad; **Hollebeek, Linda Desiree** *The Routledge Handbook of Tourism Experience Management and Marketing* 2020 / 12 p <https://doi.org/10.4324/9780429203916>

### **An experimental comparison of heuristic coloring algorithms in terms of found color classes on random graphs**

**Kumlander, Deniss**; Kulitškov, Aleksei *WCGO 2019: Optimization of Complex Systems: Theory, Models, Algorithms and Applications* 2020 / p. 365-375 [https://doi.org/10.1007/978-3-030-21803-4\\_37](https://doi.org/10.1007/978-3-030-21803-4_37) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Experimental observation of quantum many-body excitations of E8 symmetry in the Ising chain ferromagnet CoNb2O6**

**Amelin, Kirill**; Engelmayer, Johannes; Viirik, Johan; Nagel, Urmaz; Rööm, Toomas; Lorenz, Thomas; Wang, Zhe *Physical review B* 2020 / art. 104431, 5 p. : ill <https://doi.org/10.1103/PhysRevB.102.104431>

#### **Experimental prototype of high-efficiency wind turbine based on Magnus effect**

**Lukin, Aleksandr; Demidova, Galina; Lukichev, Dmitry; Rassölkin, Anton; Kallaste, Ants; Vaimann, Toomas; Belahcen, Anouar** 2020 27th International Workshop on Electric Drives: MPEI Department of Electric Drives 90th Anniversary (IWED), Moscow, Russia, January 27-30, 2020 2020 / 6 p <https://doi.org/10.1109/IWED48848.2020.9069565>

#### **An experimental study of building blocks of lattice-based NIST post-quantum cryptographic algorithms**

**Imran, Malik; Abideen, Zain Ul; Pagliarini, Samuel Nascimento** Electronics 2020 / art. 1953, 26 p. : ill  
<https://doi.org/10.3390/electronics9111953> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Experimental study of noise barrier boards with increased acoustic performance by utilizing Helmholtz resonator effects**

**Lavrentjev, Jüri; Rämmal, Hans** Materials today: proceedings 2020 / p. 2566-2571 <https://doi.org/10.1016/j.matpr.2020.05.402>  
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Experimental validation of the Newton observer for a nonlinear flux-controlled AMB system operated with zero-bias flux**

**Mystkowski, Arkadiusz; Kierdelewicz, A.; Kotta, Ülle; Kaparin, Vadim** International journal of control 2020 / p. 2257-2266 : ill  
<https://doi.org/10.1080/00207179.2018.1552025> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Exploring channel probing to determine coherent optical transponder configurations in a long-haul network**

**Kaeval, Kaida; Rafique, Danish; Blawat, Kamil; Grobe, Klaus; Griesser, Helmut; Elbers, Jörg-Peter; Rydlichowski, Piotr; Binczewski, Artur; Tikas, Marko** 2020 Optical Fiber Communications Conference and Exhibition (OFC) : San Diego, California, USA : 8-12 March 2020 : proceedings 2020 / 3 p <https://ieeexplore.ieee.org/document/9083392>

#### **Exploring deep learning based object detection architectur**

**Saddique, Muhammad Saddique; Raza, Ahsan; Abideen, Zain Ul; Khan, Shah Nawaz** 2020 17th International Bhurban Conference on Applied Sciences and Technology (IBCAST), Islamabad, Pakistan, 2020 2020 / p. 255-259  
<https://doi.org/10.1109/IBCAST47879.2020.9044558>

#### **Exploring different synthesis parameters for the preparation of metal-nitrogen-carbon type oxygen reduction catalysts**

**Teppor, Patrick; Jäger, Rutha; Härk, Eneli; Sepp, Silver; Kook, Mati; Volobujeva, Olga; Paiste, Päärn; Kochovski, Zdravko; Tallo, Indre; Lust, Enn** Journal of the Electrochemical Society 2020 / art. 054513 <https://doi.org/10.1149/1945-7111/ab7093> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Exploring the academies of sciences of the southern hemisphere**

**Soomere, Tarmo** Estonian Academy of Sciences yearbook 2019 : words and images. Facts and figures = Annales Academiae Scientiarum Estonicae 2020 / p. 65-69 : ill [https://www.ester.ee/record=b1218154\\*est](https://www.ester.ee/record=b1218154*est)

#### **Export performance and capacity pressures in Central and Eastern Europe [Online resource]**

**Staehr, Karsten** 2020 [https://www.ester.ee/record=b5362924\\*est](https://www.ester.ee/record=b5362924*est) <https://doi.org/10.23656/25045520/042020/0177>

#### **Exposure to indoor air contaminants in school buildings with and without reported indoor air quality problems**

**Voranan-Winqvist, Camilla; Järvi, Kati; Andersson, Maria A.; Kurnitski, Jarek** Environment international 2020 / art. 105781, 14 p. : ill <https://doi.org/10.1016/j.envint.2020.105781> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Extending automated deduction for commonsense reasoning**

**Tammet, Tanel** arXiv.org 2020 / p. 1-19 <https://arxiv.org/pdf/2003.13159.pdf> <https://arxiv.org/abs/2003.13159>

#### **Extraction of bioactive compounds from Catharanthus roseus and Vinca minor**

**Koel, Mihkel; Kuhtinskaja, Maria; Vaher, Merike** Separation and purification technology 2020 / art. 117438 ; 5 p. : ill  
<https://doi.org/10.1016/j.seppur.2020.117438> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Extreme inundation statistics on a composite beach**

**Abdalazeez, Ahmed; Didenkulova, Irina; Dutykh, Denys; Labart, Celine** Water 2020 / art. 1573, 13 p. : ill  
<https://doi.org/10.3390/w12061573> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **EY Eesti Aasta Ettevõtja laureaadiid**

Aasta Ettevõtja ... : [ajalehe Postimees lisa] 2020 / Lk. 4 [https://www.ester.ee/record=b5202613\\*est](https://www.ester.ee/record=b5202613*est)

#### **Fab city and cosmopolism (Be)for(e) COVID-19**

**Lemos, Lucas** Viral design : The COVID-19 crisis as a global test bed for distributed design 2020 / p. 170-177  
[https://distributeddesign.eu/wp-content/uploads/2020/11/DistributedDesignBook\\_2020-online.pdf](https://distributeddesign.eu/wp-content/uploads/2020/11/DistributedDesignBook_2020-online.pdf)

#### **Facilitating cross-sectoral digital product development**

**Soe, Ralf-Martin** Proceedings of the 13th International Conference on Theory and Practice of Electronic Governance : ICEGOV 2020, 23-25 September, 2020 : Online Conference 2020 / p. 795-798 <https://doi.org/10.1145/3428502.3428623> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Factors affecting performance of municipal wastewater treatment plants = Olmereoveepuhastite tõhusust mõjutavad tegurid**

Kõrgmaa, Vallo 2020 <https://digikogu.taltech.ee/et/Item/0ca84c6c-dde8-44fb-b33c-9b15161eadcc> [https://www.ester.ee/record=b5391360\\*est](https://www.ester.ee/record=b5391360*est)

**Factors predicting toxicity and response following isolated limb infusion for melanoma: An international multi-centre study**

Kenyon-Smith, Tim; Kroon, Hidde M.; Miura, John T.; **Teras, Jüri** European journal of surgical oncology 2020 / p. 2140-2146

<https://doi.org/10.1016/j.ejso.2020.06.040> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Failure analysis of a spray polyurethane foam roofing system**

Kalamees, Targo; Põldaru, Mattias; Ilomets, Simo; Klõšeiko, Paul; Kallavus, Urve; Rosenberg, Margit; Öiger, Karl Journal of building engineering 2020 / art. 101752, 9 p. : ill <https://doi.org/10.1016/j.job.2020.101752> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

**Fault diagnosis and identification of malfunctioning protection devices in a power system via time series similarity matching**

Xu, Bing; Wang, Chongyu; **Wen, Fushuan; Palu, Ivo**; Pang, Kaiyuan Energy Conversion and Economics 2020 / p. 81-92

<https://doi.org/10.1049/enc2.12008>

**Fault-tolerant approach for photovoltaic module-level power electronic applications**

Vinnikov, Dmitri; Chub, Andrii; Korkh, Oleksandr; Malinowski, Mariusz 2020 IEEE 14th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) : proceedings 2020 / p. 438-444 : ill <https://doi.org/10.1109/CPE-POWERENG48600.2020.9161599>

**Fault-tolerant high step-up DC-DC converters**

Chub, Andrii 19th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Tartu, Estonia, January 14-17, 2020 2020 / p. 67-68 : ill [https://www.ester.ee/record=b5291755\\*est](https://www.ester.ee/record=b5291755*est)

**Feasibility of utilizing air gapped toroidal magnetic cores for detecting pulse wave in radial artery**

Metshein, Margus; Pesti, Ksenija; Min, Mart; Annus, Paul; Märten, Olev 2020 17th Biennial Baltic electronics conference,

Tallinn, Estonia, October 6-8, 2020 : proceedings 2020 / 5 p. : ill <https://doi.org/10.1109/BEC49624.2020.9277197>

**Feasibility study GaN transistors application in the novel split-coils inductive power transfer system with T-Type inverter**

Shevchenko, Viktor; Pakhaliuk, Bohdan; Husev, Oleksandr; Veligorskiy, Oleksandr; Stepins, Deniss; Strzelecki, Ryszard Energies

2020 / art. 4535, 16 p. : ill <https://doi.org/10.3390/en13174535> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

[Article at WOS](#)

**Feasibility study of interleaving approach for Quasi-Z-Source inverter**

Stepenko, Serhii; Husev, Oleksandr; Vinnikov, Dmitri; Fesenko, Artem; Matiushkin, Oleksandr Electronics 2020 / art. 277, 11

p. : ill <https://doi.org/10.3390/electronics9020277> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Features extraction of wind ramp events from a virtual wind park**

Mishra, Sambeet; Ören, Esin; Bordin, Chiara; **Wen, Fushuan; Palu, Ivo** Energy reports 2020 / p. 237-249

<https://doi.org/10.1016/j.egyr.2020.08.047> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Feedback linearization of discrete-time nonlinear control systems : computational aspects**

Mullari, Tanel; Kotta, Ülle Proceedings of the Estonian Academy of Sciences 2020 / p. 11-26 <https://doi.org/10.3176/proc.2020.1.03>

[http://kirj.ee/32996/?tpl=1061&c\\_tpl=1064](http://kirj.ee/32996/?tpl=1061&c_tpl=1064) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Ferrocene introduced into 5-methylresorcinol-based organic aerogels**

Erkhova, Ludmila V.; Presniakov, Igor A.; Afanasov, Michail I.; Lemenovskiy, Dmitry A.; Yu, Haojie; Wang, Li; **Danilson, Mati; Koel,**

**Mihkel** Polymers 2020 / art. 1582 ; 12 p. : ill <https://doi.org/10.3390/polym12071582> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal](#)

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

**FESDA : fog-enabled secure data aggregation in smart grid IoT network**

Saleem, Ahsan; Khan, Abid; Malik, Saif Ur Rehman; Pervaiz, Haris; **Malik, Hassan**; Alam, Masoom; Jindal, Anish IEEE Internet of

Things Journal 2020 / p. 6132-6142 <https://doi.org/10.1109/IJOT.2019.2957314> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal](#)

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

**FIE tegevuse lõpetamine: vara üleandmine isiklikku tarbimisse või ettevõtlusesse [Võrguväljaanne]**

Güldenköh, Maret raamatupidaja.ee 2020 [FIE tegevuse lõpetamine: vara üleandmine isiklikku tarbimisse või ettevõtlusesse](#)

[https://www.ester.ee/record=b2119353\\*est](https://www.ester.ee/record=b2119353*est)

**Field-oriented control of synchronous reluctance motors**

Heidari, Hamidreza 19th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school

of energy and geotechnology. III" : Tartu, Estonia, January 14-17, 2020 2020 / p. 99-100 : ill [https://www.ester.ee/record=b5291755\\*est](https://www.ester.ee/record=b5291755*est)

**Fifth International Joint Conference on Electronic Voting : E-Vote-ID 2020, 6-9 October 2020 : proceedings**

2020 <https://digikogu.taltech.ee/et/Item/593d1e1a-9bbc-439b-afdc-f72abfcc8afa>

**Filosoofia ja loogika e-kursuste enesetestid [Elektrooniline teavik]**

Meos, Indrek 2020 <https://www.indrekmeos.xyz/enesetestid.html>

**Filosoofia ja loogika testid [Elektrooniline teavik]**

Meos, Indrek 2020 <https://filosoofia.indrekmeos.xyz/testid/>

**Finantsarvestuse töövihik**

Takkis, Mai 2020 [https://www.ester.ee/record=b5299119\\*est](https://www.ester.ee/record=b5299119*est)

**Finite determination of accessibility and singular points of nonlinear systems: an algebraic approach**

Sarafrazi, Mohammad Amin; Kotta, Ülle; Bartosiewicz, Zbigniew Systems & control letters 2020 / art. 104600, p. 1-7

<https://doi.org/10.1016/j.sysconle.2019.104600> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Finite element based meta-modeling of ship-ice interaction at shoulder and midship areas for ship performance simulation**

Li, Fang; Kõrgesaar, Mihkel; Kujala, Pentti; Goerlandt, Floris Marine structures 2020 / art. 102736

<https://doi.org/10.1016/j.marstruc.2020.102736> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Fire design model for timber frame assemblies with rectangular and I-shaped members**

Mäger, Katrin Nele; Tiso, Mattia; Just, Alar Wood & Fire Safety : proceedings of the 9th International Conference on Wood & Fire Safety 2020 2020 / p. 268-274 [https://doi.org/10.1007/978-3-030-41235-7\\_40](https://doi.org/10.1007/978-3-030-41235-7_40)

**Fire hazard modulation by long-term dynamics in land cover and dominant forest type in eastern and central Europe**

Feurdean, Angelica; Vanniere, Boris; Finsinger, Walter; Poska, Anneli; Vassiljev, Jüri; Veski, Siim Biogeosciences 2020 / p. 1213-1230 <https://doi.org/10.5194/bg-17-1213-2020> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**First documentation of Llandovery (Silurian) conodont genus Astropentagnathus in China (Langao, Shaanxi Province) and the age of Baiyaya Formation**

Chen, Zhong-Yang; Männik, Peep; Wang, Xin; Li, Chao; Wang, Jian Palaeoworld 2020 / p. 662-671

<https://doi.org/10.1016/j.palwor.2019.11.002> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**First Eastern European experience of isolated limb infusion for in-transit metastatic melanoma confined to the limb: Is it still an effective treatment option in the modern era?**

Teras, Jüri; Kroon, Hidde M.; Thompson, John F.; Teras, Marina; Pata, Pille; Mägi, Andrus; Teras, Roland Martin; Rüütel

Boudinot, Sirje European journal of surgical oncology 2020 / p. 272-276 <https://doi.org/10.1016/j.ejso.2019.10.039> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**A first look to Lagrangian coherent structures in the Gulf of Finland as a meanto identify hotspots of surface particle aggregation**

Giudici, Andrea; Suara, Kabir Adewale; Soomere, Tarmo; Brown, Richard J. 3rd Baltic Earth Conference : Earth system changes and Baltic Sea coasts, To be held in Jastarnia, Hel Peninsula, Poland, 1 to 5 June 2020, Held online, 2-3 June 2020 : Conference proceedings 2020 / p. 97-98 : ill "proceedings"

**First person - Laura Tamberg**

Tamberg, Laura Disease Models & Mechanisms 2020 / art. dmm046532, 2 p. : phot

<https://dmm.biologists.org/content/dmm/13/7/dmm046532.full.pdf> <https://doi.org/10.1242/dmm.046532>

**Fiscal policy learning from crisis : comparative analysis of the Baltic countries**

Raudla, Ringa; Cepilovs, Aleksandrs; Kuokštis, Vytautas; Kattel, Rainer Regional comparisons in comparative policy analysis studies 2020 / 16 p. : tab <https://doi.org/10.1080/13876988.2016.1244947> <https://www.routledge.com/Regional-Comparisons-in-Comparative-Policy-Analysis-Studies-Volume-Three/Geva-May-Peters-Muhleisen/p/book/9781138332683>

**Five ways to ensure that models serve society: a manifesto**

Saltelli, Andrea; Bammer, Gabriele; Bruno, Isabelle; Reinert, Erik S. Nature 2020 / p. 482-484 <https://doi.org/10.1038/d41586-020-01812-9>

**A flapped paddle-fin for improving underwater propulsive efficiency of oscillatory actuation**

Simha, Ashutosh; Gkliva, Roza; Kotta, Ülle; Kruusmaa, Maarja IEEE robotics and automation letters 2020 / p. 3176-3181

<https://doi.org/10.1109/LRA.2020.2975747> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Flexibility enhancement of hybrid microgrids using optimal $H^\infty$ filtering-based fuzzy control of UIPC**

Zolfaghari, Mahdi; **Ahmadihangar, Roya**; Gharehpetian, Gevork B.; **Häring, Tobias**; **Rosin, Argo** Proceedings : 2020 IEEE 14th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) : Online - Setúbal, Portugal, 08 - 10 July, 2020 2020 / p. 451-455 <https://doi.org/10.1109/CPE-POWERENG48600.2020.9161545>

### **Flexibility investigation of price-responsive batteries in the microgrids cluster**

**Ahmadihangar, Roya**; **Azizi, Elnaz**; Subham, Sahoo; **Häring, Tobias**; **Rosin, Argo**; **Vinnikov, Dmitri**; Dragicevic, Tomislav; Blaabjerg, Frede Proceedings : 2020 IEEE 14th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) : Online - Setúbal, Portugal, 08 - 10 July, 2020 2020 / p. 456-461 : ill <https://doi.org/10.1109/CPE-POWERENG48600.2020.9161667>

### **Floor selection proposal for automated travel with smart elevator**

**Reinsalu, Uljana**; **Robal, Tarmo**; **Leier, Mairo** Databases and Information Systems : 14th International Baltic Conference, DB&IS 2020, Tallinn, Estonia, June 16-19, 2020 : Proceedings 2020 [https://doi.org/10.1007/978-3-030-57672-1\\_4](https://doi.org/10.1007/978-3-030-57672-1_4) [Conference proceeding at Scopus](#) [Article at Scopus](#)

### **Flywheel model for microgrid simulation**

**Plaum, Freddy** 19th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Tartu, Estonia, January 14-17, 2020 2020 / p. 157-158 : ill [https://www.ester.ee/record=b5291755\\*est](https://www.ester.ee/record=b5291755*est)

### **FOMCONpy: Fractional-order modelling and control library for python**

**Onyedi, Tobechukwu**; **Tepljakov, Aleksei**; **Petlenkov, Eduard** 2020 43rd International Conference on Telecommunications and Signal Processing : TSP 2020, Milan, Italy, July 7-9, 2020 2020 / p. 239-245 <http://doi.org/10.1109/TSP49548.2020.9163581>

### **Food web responses to eutrophication control in a coastal area of the Baltic Sea**

Skov, Henrik; Rasmussen, Erik Kock; **Kotta, Jonne**; Middelboe, Anne Lise; Uhrenholdt, Thomas; Žydelis, Ramunas Ecological modelling 2020 / art. 109249, 13 p. : ill <https://doi.org/10.1016/j.ecolmodel.2020.109249>

### **Foranstaltninger imod luftbåren transmission af smitsomme sygdomme**

Wargocki, Pawel; Melikov, Arsen Kriko; Bivolarova, Mariya; Nielsen, Peter V.; Heiselberg, Per; Afshari, Alireza; Zhang, Chen; Schild, Peter G.; Gao, Guangyu; **Kurnitski, Jarek** HVAC magasinet : magasin for klima- & energiteknik, miljø, bygningsinstallationer & -netværk 2020 / p. 10-12 <https://ipaper.ipapercms.dk/TechMedia/HVACMagasinet/2020/6/?page=10#/>

### **Force-based feedback for haptic device of mobile assembly robot**

Lukin, Aleksandr; **Demidova, Galina**; **Rassölkin, Anton**; **Vaimann, Toomas**; Roozbahani, Hamid 2020 27th International Workshop on Electric Drives: MPEI Department of Electric Drives 90th Anniversary (IWED), Moscow, Russia, January 27-30, 2020 2020 / 5 p. : ill <https://doi.org/10.1109/IWED48848.2020.9069581>

### **Forecasting available demand-side flexibility**

**Ahmadihangar, Roya**; **Rosin, Argo**; **Palu, Ivo**; Azizi, Aydin Demand-side flexibility in smart grid 2020 / p. 39-49 [https://doi.org/10.1007/978-981-15-4627-3\\_4](https://doi.org/10.1007/978-981-15-4627-3_4) [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Forecasting of energy consumption and production using recurrent neural networks**

**Shabbir, Noman**; **Kütt, Lauri**; Jawad, Muhammad; **Iqbal, Muhammad Naveed**; **Ghahfarokhi, Payam Shams** Advances in electrical and electronic engineering 2020 / p. 190-197 <https://doi.org/10.15598/aeed.v18i3.3597> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Foreign affairs of the European Union: how to become an independent and dominant power in the international arena**

**Ramiro Troitino, David**; **Kerikmäe, Tanel**; **Chochia, Archil** The EU in the 21st century : challenges and opportunities for the European integration process 2020 / p. 209-230 [https://doi.org/10.1007/978-3-030-38399-2\\_12](https://doi.org/10.1007/978-3-030-38399-2_12)

### **Foreword**

**Pietarinen, Ahti-Veikko** Logic of the future : writings on existential graphs. Volume 1. History and applications 2020 / p. XV-XVI <https://www.degruyter.com/downloadpdf/book/9783110651409/10.1515/9783110651409-204.xml> <https://doi.org/10.1515/9783110651409-204>

### **Foreword**

**Müürsepp, Peeter**; Mets, Ave; **Pietarinen, Ahti-Veikko** Acta Baltica historiae et philosophiae scientiarum 2020 / p. 3-4 <https://doi.org/10.11590/abhs.2020.2.00> [https://www.ies.ee/bahps/acta-baltica/abhs-8-2/00\\_Foreword-2020-2-00.pdf](https://www.ies.ee/bahps/acta-baltica/abhs-8-2/00_Foreword-2020-2-00.pdf)

### **Foreword**

**Soomere, Tarmo** Estonian Academy of Sciences yearbook 2019 : words and images. Facts and figures = Annales Academiae Scientiarum Estonicae 2020 / p. 5 [https://www.ester.ee/record=b1218154\\*est](https://www.ester.ee/record=b1218154*est)

### **Foreword**

Acta Baltica historiae et philosophiae scientiarum 2020 / p. 3-4 <https://doi.org/10.11590/abhs.2020.1.00> [https://www.ies.ee/bahps/acta-baltica/abhs-8-1/00\\_Foreword-2020-1-00.pdf](https://www.ies.ee/bahps/acta-baltica/abhs-8-1/00_Foreword-2020-1-00.pdf)

### **Formal verification of COLREG-Based Navigation of maritime autonomous systems**

Shokri-Manninen, Fatima; **Vain, Jüri**; Walden, Marina Software Engineering and Formal Methods : 18th International Conference, SEFM 2020, Amsterdam, The Netherlands, September 14-18, 2020 : Proceedings 2020 / p. 41-59 [https://doi.org/10.1007/978-3-030-58768-0\\_3](https://doi.org/10.1007/978-3-030-58768-0_3) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Formalizing $\lambda$ -calculus in guarded cubical Agda**

**Veltri, Niccolo**; Vezzosi, Andrea CPP 2020 - Proceedings of the 9th ACM SIGPLAN International Conference on Certified Programs and Proofs, co-located with POPL 2020, New Orleans 20 January 2020 through 21 January 2020 2020 / p. 270-283 <https://doi.org/10.1145/3372885.3373814>

### **Formalizing $\lambda$ -calculus in guarded cubical Agda**

**Veltri, Niccolo**; Vezzosi, Andrea CPP 2020: Proceedings of the 9th ACM SIGPLAN International Conference on Certified Programs and Proofs, January 2020 2020 / p. 270–283 <https://doi.org/10.1145/3372885.3373814>

### **Formalizing $\pi$ -calculus in guarded cubical agda**

**Veltri, Niccolo**; Vezzosi, Andrea EUTYPES-TYPES 2020 : Abstracts 2020 / 3 p <https://types2020.di.unito.it/abstracts/BookOfAbstractsTYPES2020.pdf>

### **Formation of fine Mg<sub>2</sub>Si phase in Mg–Si alloy via solid-state sintering using high energy ball milling**

Seth, Prem Prakash; **Singh, Neera**; Singh, Manoj; Prakash, Om; Kumar, Devendra Journal of alloys and compounds 2020 / art. 153205, 10 p. : ill <https://doi.org/10.1016/j.jallcom.2019.153205> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Formulation of active food packaging by design: Linking composition of the film-forming solution to properties of the chitosan-based film by response surface methodology (RSM) modelling**

Bajić, Marijan; Oberlintner, Ana; **Körge, Kristi**; Likozar, Blaž; Novak, Uroš International Journal of Biological Macromolecules 2020 / p. 971 - 978 <https://doi.org/10.1016/j.ijbiomac.2020.05.186> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Fossilized reproductive modes reveal a protistan affinity of Chitinozoa**

Liang, Yan; **Hints, Olle**; Tang, Peng; Cai, Chenyang; Goldman, Daniel; **Nölvak, Jaak**; Tihelka, Erik; Pang, Ke; Bernardo, Joseph; Wang, Wenhui Geology 2020 / p. 1200-1204 <https://doi.org/10.1130/G47865.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **4.2 Geographical and seasonal coverage of sea ice in the Baltic Sea**

**Raudsepp, Urmas**; Uiboupin, Rivo; Laanemäe, Kaari; **Maljutenko, Ilja** Journal of operational oceanography 2020 / p. S1–S172, 11 p <https://doi.org/10.1080/1755876X.2020.1785097>

### **A 4-Stage pipelined architecture for point multiplication of binary huff curves**

Rashid, Muhammad Imran; **Imran, Malik**; Jafri, Atif Raza; Mehmood, Zahid Journal of circuits, systems, and computers 2020 / art. 2050179 <https://doi.org/10.1142/S0218126620501790>

### **Fracture and Damage to the Material accounting for Transportation Crash and Accident**

Ridwan; **Putranto, Teguh**; Laksono, Fajar Budi; Prawobo, Aditya Rio Procedia Structural Integrity, vol. 27 2020 / p. 38-45 <https://doi.org/10.1016/j.prostr.2020.07.006> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **A framework for modelling, verification and transformation of concurrent imperative programs**

**Bortin, Maksym** arXiv.org 2020 / 57 p <https://arxiv.org/abs/2007.02261> <https://doi.org/10.48550/arXiv.2007.02261>

### **A framework for the adoption of blockchain-based e-procurement systems in the public sector : A case study of Nigeria**

**Akaba, Temofe Isaac**; **Norta, Alexander**; **Udokwu, Chibuzor**; **Draheim, Dirk** Responsible Design, Implementation and Use of Information and Communication Technology : 19th IFIP WG 6.11 Conference on e-Business, e-Services, and e-Society, I3E 2020, Skukuza, South Africa, April 6–8, 2020 : Proceedings, Part I 2020 [https://doi.org/10.1007/978-3-030-44999-5\\_1](https://doi.org/10.1007/978-3-030-44999-5_1) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **A framework to retain the knowledge of departing knowledge workers in the manufacturing industry**

Sumbal, Muhammad Saleem Ullah Khan; Tsui, Eric; **Durst, Susanne**; Shujahat, Muhammad; Irfan, Irfan; Ali, Syed Muhammad Vine journal of information and knowledge management systems 2020 / 21 p <https://doi.org/10.1108/VJIKMS-06-2019-0086>

### **Frameworks for collective intelligence : a systematic literature review**

**Suran, Shweta**; **Pattanaik, Vishwajeet**; **Draheim, Dirk** ACM computing surveys 2020 / art. 14, p. 1–36 <https://doi.org/10.1145/3368986> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Free fall water entry of a two-dimensional asymmetric wedge in oblique slamming : a numerical study**

**Hosseinzadeh, Saeed**; Izadi, Mohammad; **Tabri, Kristjan** ASME 2020 : 39th International Conference on Ocean, Offshore and Arctic Engineering : Vol. 8: CFD and FSI, August 3-7, 2020 : Virtual, Online : proceedings papers 2020 / Paper No: OMAE2020-

### **Frequency conversion in lanthanide-doped sol-gel derived materials for energy applications**

Almeida, Rui M.; Sousa, N.; **Rojas Hernandez, Rocio Estefania**; Santos, Luis F. Journal of Sol-Gel science and technology 2020 / p. 520-529 : ill <https://doi.org/10.1007/s10971-020-05289-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Frictional wear and corrosion behavior of AlCoCrFeNi high-entropy alloy coatings synthesized by atmospheric plasma spraying**

**Mu, Yongkun**; Zhang, Liangbo; Xu, Long; **Prashanth, Konda Gokuldoss**; Zhang, Nizhen; Ma, Xindi; Jia, Yuefei; Xu, Yulai; Jia, Yandong; Wang, Gang Entropy 2020 / art. 740 <https://doi.org/10.3390/e22070740> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Friend or foe? Customer engagement's value-based effects on fellow customers and the firm**

Clark, Moira K.; Lages, Cristiana R.; **Hollebeek, Linda Desiree** Journal of Business Research 2020 / p. 549-556 <https://doi.org/10.1016/j.jbusres.2020.03.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **From bog to fen : palaeoecological reconstruction of the development of a calcareous spring fen on Saaremaa, Estonia**

**Blaus, Ansis**; **Reitalu, Triin**; **Amon, Leeli**; **Vassiljev, Jüri**; **Alliksaar, Tiiu**; **Veski, Siim** Vegetation history and archaeobotany 2020 / p. 373–391 : ill <https://doi.org/10.1007/s00334-019-00748-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **From equations to distinctions: Two interpretations of effectful computations**

**Voorneveld, Niels** Proceedings of the 8th Workshop on Mathematically Structured Functional Programming, MSFP '20, Dublin, Ireland, 25 April 2020 2020 / p. 1-17 <https://doi.org/10.4204/EPTCS.317.1> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **From knowability to conjecturability**

Chiffi, Daniele; **Pietarinen, Ahti-Veikko** Contemporary Pragmatism 2020 / p. 205 - 227 <https://doi.org/10.1163/18758185-01701160> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **From modern pollen–plant relationships to Holocene vegetation diversity reconstructions = Õietolmu ja taimestiku seostest tänapäeva maastikes taimede mitmekesisuse rekonstruktsioonideni läbi Holotseeni**

**Blaus, Ansis** 2020 [https://www.ester.ee/record=b5373628\\*est](https://www.ester.ee/record=b5373628*est) <https://digikogu.taltech.ee/et/Item/3ad0b229-a4d3-4e5a-88a8-531ea86ad09a>

### **From planning for society to planning with society. Integration of coastal fisheries into the maritime spatial planning**

**Aps, Robert**; Fetissov, Mihail; **Kopti, Madli** Collaborative research in fisheries 2020 / p. 213–229 [https://doi.org/10.1007/978-3-030-26784-1\\_13](https://doi.org/10.1007/978-3-030-26784-1_13)

### **From private to public governance : The case for reconfiguring energy systems as a commons**

**Giotitsas, Christos**; Nardelli, Pedro H.J.; **Kostakis, Vasileios**; Narayanan, Arun Energy research & social science 2020 / art. 101737 ; 7 p <https://doi.org/10.1016/j.erss.2020.101737> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **From sensors to Dempster-Shafer theory and back : the axiom of ambiguous sensor correctness and its applications**

**Draheim, Dirk**; **Tammet, Tanel** Database and Expert Systems Applications : 31st International Conference, DEXA 2020, Bratislava, Slovakia, September 14–17, 2020 : Proceedings, Part I 2020 / p. 3-19 [https://doi.org/10.1007/978-3-030-59003-1\\_1](https://doi.org/10.1007/978-3-030-59003-1_1) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

### **From simple scoring towards a meaningful interpretation of learning in cybersecurity exercises**

Ermits, Margus; **Mäses, Sten**; **Lepik, Toomas**; **Maennel, Olaf Manuel** Proceedings of the 15th International Conference on Cyber Warfare and Security (ICWS) : Old Dominion University (ODU), Norfolk, Virginia, USA, 12-13 March 2020 2020 / p. 135-143 <https://doi.org/10.34190/ICWS.20.046>

### **From text mining to evidence team learning in cybersecurity exercises**

**Maennel, Kaie**; Joonsoo, Kim; **Sütterlin, Stefan** Companion Proceedings of the 10th International Conference on Learning Analytics & Knowledge (LAK20) : Cyberspace, March 23-27, 2020 2020 / p. 107-109 <https://lak20.solaresearch.org>

### **From the molecules of resorcinolic lipids to alga G. prisca globular colonies in kukersite microfossils : a multiscale simulation study**

**Kaevand, Toomas**; **Lille, Ülo** Oil shale 2020 / p. 281-287 : ill <https://doi.org/10.3176/oil.2020.4.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **From virtual characterization to test-chips : DFM analysis through pattern enumeration**

Martins, Mayler G.A.; **Pagliarini, Samuel Nascimento**; Isgenc, Mehmet Meric; Pileggi, Larry IEEE transactions on computer-aided design of integrated circuits and systems 2020 / p. 520-532 <https://doi.org/10.1109/TCAD.2018.2889772>

## **The Fuchs corneal dystrophy-associated CTG repeat expansion in the TCF4 gene affects transcription from its alternative promoters**

**Sirp, Alex; Leite, Kristian; Tuvikene, Jürgen; Nurm, Kaja; Sepp, Mari; Timmusk, Tõnis** Scientific reports 2020 / art. 18424  
<https://doi.org/10.1038/s41598-020-75437-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Function approximation using Haar wavelets**

**Majak, Jüri; Eerme, Martin; Haavajõe, Anti** AIP conference proceedings 2020 / art. 230004 <https://doi.org/10.1063/5.0026543>  
[Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

## **Fused hybrid linkers for metal–organic framework-derived bifunctional oxygen electrocatalysts**

**Ping, Kefeng; Braschinsky, Alan; Alam, Mahboob; Bhadoria, Rohit; Mikli, Valdek; Mere, Arvo; Aruväli, Jaan; Paiste, Pääm; Vlassov, Sergei; Kook, Mati; Rähn, Mihkel; Sammelselg, Väino; Tammeveski, Kaido; Kongi, Nadežda; Starkov, Pavel** ACS Applied Energy Materials 2020 / p. 152–157 : ill <https://doi.org/10.1021/acsaeem.9b02039> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Fuzzy gradient control of electric vehicles at blended braking with volatile driving conditions**

**Vodovozov, Valery; Petlenkov, Eduard; Aksjonov, Andrei; Raud, Zoja** ICINCO 2020 : 17th International Conference on Informatics in Control, Automation and Robotics, July 7-9, 2020 : online 2020 / p. 250–261 <http://wikicfp.com/cfp/servlet/event.showcfp?eventid=97093&copyownerid=45217>

## **Fuzzy logic control of electric vehicles in changing braking conditions**

**Vodovozov, Valery; Raud, Zoja; Aksjonov, Andrei; Petlenkov, Eduard** 2020 XI International Conference on Electrical Power Drive Systems (ICEPDS), Saint-Petersburg, Russia, October 4-7, 2020 2020 / art. 20192756, p. 107-112  
<https://doi.org/10.1109/ICEPDS47235.2020.9249083>

## **Future trends in design of electrical machines**

**Kallaste, Ants** 19th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Tartu, Estonia, January 14-17, 2020 2020 / p. 51-52 [https://www.ester.ee/record=b5291755\\*est](https://www.ester.ee/record=b5291755*est)

## **Fürnkranz, Gösta. The quantum internet. Ultrafast and safe from hackers : [review]**

**Henno, Jaak** Zentralblatt MATH 2020 / 1 p <https://www.zbmath.org/?q=an:1454.81040>

## **Füüsika : töövihik 8. klassile. 2. osa**

**Pärtel, Enn; Loide, Rein-Karl** 2020 [https://www.ester.ee/record=b5273929\\*est](https://www.ester.ee/record=b5273929*est)

## **Füüsika ülesannete kogu gümnaasiumile**

**Paju, Erna; Paju, Venda; Loide, Rein-Karl** 2020 [https://www.ester.ee/record=b5368085\\*est](https://www.ester.ee/record=b5368085*est)

## **Gaasid ja valu võivad viidata toidutalumatussele**

**Liebert, Tiit** Postimees 2020 / Lk. 20 : portr <https://dea.digar.ee/article/postimees/2020/08/18/19.6>  
<https://leht.postimees.ee/7041672/gaasid-ja-valu-voivad-viidata-toidutalumatussele>

## **Games for enhancing stakeholder participation in spatial planning – the cases of Riga and Tallinn = Mängud kui vahend huvigruppide osaluse suurendamiseks ruumiplaneerimises – Riia ja Tallinna juhtumid**

**Prilenska, Viktorija** 2020 [https://www.ester.ee/record=b5381056\\*est](https://www.ester.ee/record=b5381056*est) <https://digikogu.taltech.ee/et/Item/df2bbdca-4ef8-4283-b7fb-106879395342>

## **Gas-phase photocatalytic degradation of acetone and toluene, and their mixture in the presence of ozone in continuous multi-section reactor as possible air post-treatment for exhaust from pulsed corona discharge**

**Kask, Maarja; Bolobajev, Juri; Kritševskaja, Marina** Chemical engineering journal 2020 / art. 125815, 9 p. : ill  
<https://doi.org/10.1016/j.cej.2020.125815> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Gas-phase photocatalytic degradation of VOCs and ozone in continuous multi-section reactor as possible air post-treatment for exhaust from pulsed corona discharge**

**Kask, Maarja; Bolobajev, Juri; Kritševskaja, Marina** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 40 <http://fmt.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

## **Gaudeamus 2021 Eesti programm on TalTechi kultuurijuhtide looming**

**Mente et Manu** 2020 / lk. 67 <https://dea.digar.ee/cgi-bin/dea?a=is&oid=AKmenteetmanu202011&type=staticpdf>

## **General Introduction to Logic of the Future**

**Pietarinen, Ahti-Veikko** Logic of the future : writings on existential graphs. Volume 1. History and applications 2020 / p. 1-13  
<https://doi.org/10.1515/9783110651409-001>

## **Generation of mixed anhydrides via oxidative fragmentation of tertiary cyclopropanols with phenyliodine(III) dicarboxylates**

Zubrytski, Dzmitry M.; Elek, Gabor Zoltan; **Lopp, Margus; Kananovich, Dzmitry** *Molecules* 2020 / art. 140  
<https://doi.org/10.3390/molecules26010140> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Generative design in development of mechanical components for Magnus effect-based wind turbine**

Lukin, Aleksandr; Perepelkina, Svetlana; Demidova, Galina; Lukichev, Dmitry; **Rassölkin, Anton; Vaimann, Toomas; Kallaste, Ants** 2020 XI International Conference on Electrical Power Drive Systems (ICEPDS), Saint-Petersburg, Russia, October 4-7, 2020 / p. 6-10 : ill <https://doi.org/10.1109/ICEPDS47235.2020.9249344>

### **Genetic assessment reveals no population substructure and divergent regional and sex-specific histories in the Chachapoyas from northeast Peru**

Guevara, Evelyn K.; Palo, Jukka U.; Översti, Sanni; King, Jonathan L.; Seidel, Maria; **Stoljarova, Monika; Wendt, Frank R.**; Bus, Magdalena M.; Guengerich, Anna; Church, Warren B. *PLoS ONE* 2020 / art. e0244497, 24 p. : ill <https://doi.org/10.1371/journal.pone.0244497> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Genomic features and copper biosorption potential of a new *Alcanivorax* sp. VBW004 isolated from the shallow hydrothermal vent (Azores, Portugal)**

**Ramasamy, Kesava Priyan;** Rajasabapathy, Raju; **Lips, Inga;** Mohandass, Chellandi; James, Rathinam Arthur *Genomics* 2020 / p. 3268–3273 <https://doi.org/10.1016/j.ygeno.2020.06.015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Genomic footprints of activated telomere maintenance mechanisms in cancer**

Sieverling, Lina; Hong, Chen; Koser, Sandra D.; Ginsbach, Philip; Kleinheinz, Kortine; Hutter, Barbara; Braun, Delia M.; Cortés-Ciriano, Isidro; Xi, Ruibin; **Uusküla-Reimand, Liis** *Nature Communications* 2020 / art. 733, 13 p. ill <https://doi.org/10.1038/s41467-019-13824-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Geochemical study of stable carbon and oxygen isotopes in landfilled Ca-rich oil shale ash**

Leben, Kristjan; Mötlep, Riho; Paaver, Peeter; **Konist, Alar; Pihu, Tõnu;** Kirsimäe, Kalle *Estonian journal of earth sciences* 2020 / p. 134-142 : ill <https://doi.org/10.3176/earth.2020.09> [https://kirj.ee/public/Estonian\\_Journal\\_of\\_Earth\\_Sciences/2020/issue\\_3/earth-2020-3-121-133.pdf](https://kirj.ee/public/Estonian_Journal_of_Earth_Sciences/2020/issue_3/earth-2020-3-121-133.pdf) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Geodetic SAR for height system unification and sea level research - observation concept and preliminary results in the Baltic Sea**

Gruber, Thomas; Agren, Jonas; Angermann, Detlef; **Ellmann, Artu;** Engfeldt, Andreas; Gisinger, Christoph; Jaworski, Leszek; **Varbla, Sander** *Remote sensing* 2020 / art. 3747, 30 p. : ill <https://doi.org/10.3390/rs12223747> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Geodetic SAR for height system unification and sea level research in the Baltics**

Gruber, Thomas; Agren, Jonas; Angermann, Detlef; **Ellmann, Artu;** Gisinger, Christoph; Nastula, Jolanta; Oikonomidou, Xanthi; Poutanen, Markku *Geophysical research abstracts* 2020 / EGU2020-3132, 1 p <https://doi.org/10.5194/egusphere-egu2020-3132>

### **A geometric approach to position tracking control of a nonholonomic planar rigid body : case study of an underwater vehicle**

**Simha, Ashutosh; Kotta, Ülle** *Proceedings of the Estonian Academy of Sciences* 2020 / p. 215-227 : ill <https://doi.org/10.3176/proc.2020.3.05> [https://kirj.ee/public/proceedings\\_pdf/2020/issue\\_3/proc-2020-3-215-227.pdf](https://kirj.ee/public/proceedings_pdf/2020/issue_3/proc-2020-3-215-227.pdf) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Georgia on its path to Europeanisation : academic cooperation**

**Chochia, Archil; Kerikmäe, Tanel** *TalTech journal of European studies* 2020 / p. 3-6 <https://content.sciendo.com/view/journals/bjes/10/2/bjes.10.issue-2.xml> <https://doi.org/10.1515/bjes-2020-0011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Gerda Koidla - ligi 50 aastat Tallinna Tehnikaülikooli raamatukogus**

**Nurmiste, Taimi** *Eesti Raamatukoguhoidjate Ühingu aastaraamat* 2019 2020 / lk. 54-55 [https://www.ester.ee/record=b1209172\\*est](https://www.ester.ee/record=b1209172*est)

### **Gerlin Gil: uus rektor seisku ülikooli eest nagu lövi**

**Gil, Gerlin** *Mente et Manu* 2020 / lk. 8-13 : fot [https://www.ttu.ee/public/m/mente-et-manu/MM\\_02\\_2020/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_02_2020/mobile/index.html) [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

### **Glassy GaS: transparent and unusually rigid thin films for visible to mid-IR memory applications**

Tverjanovich, Andrey; Khomenko, Maksym; **Bereznev, Sergei;** Fontanari, Daniele; Sokolov, Anton; Usuki, Takeshi; Ohara, Koji; Le Coq, David; Masselin, Pascal; Bychkov, Eugene *Physical chemistry chemical physics* 2020 / p. 25560–25573 <https://doi.org/10.1039/D0CP04697C> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A global database for metacommunity ecology, integrating species, traits, environment and space**

Jeliazkov, Alienor; Mijatovic, Darko; Chantepie, Stephane; **Reitalu, Triin** *Scientific data* 2020 / art. 6 : 12 p. : ill <https://doi.org/10.1038/s41597-019-0344-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Global knowledge warfare : using strategic imagination to harness uncertainty and fear**

Shiraev, Eric; Mölder, Holger The cipher brief 2020 ["Global knowledge warfare"](#)

### **Global MPPT for interleaved buck-boost DC-DC converter**

Matiushkin, Oleksandr; Husev, Oleksandr; Fesenko, Artem; Vinnikov, Dmitri 2020 IEEE 61st International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), Riga, Latvia, Nov. 5-7, 2020 : conference proceedings 2020 / 7 p. : ill <https://doi.org/10.1109/RTUCON51174.2020.9316589>

### **Global rush for standards in blockchain**

Osula, Anna-Maria Directions : Cyber Digital Europe 2020 [Global rush for standards in blockchain](#)

### **Globally consistent climate sensitivity of natural disturbances across boreal and temperate forest ecosystems**

Seidl, Rupert; Honkaniemi, Juha; Aakala, Tuomas; Aleinikov, Alexey; Angelstam, Per; Bouchard, Mathieu; Boulanger, Yan; Burton, Philip J.; De Grandpré, Louis; Gauthier, Sylvie; Hansen, Winslow D.; Jepsen, Jane U.; Jõgiste, Kalev; Kneeshaw, Daniel D.; Kuuluvainen, Timo; Lisitsyna, Olga; Makoto, Kobayashi; Mori, Akira S.; Pureswaran, Deepa S.; Shorohova, Ekaterina; Shubnitsina, Elena; Taylor, Anthony R.; Vladimirova, Nadezhda; Vodde, Floortje; Senf, Cornelius Ecography 2020 / p. 967-978  
<https://doi.org/10.1111/ecog.04995> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)