

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.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

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://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

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

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 [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

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 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 [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://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; Rodríguez 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_Abstacts_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

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; **Nõlvak, 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 Stuardiosus 2020 / lk. 22-25 : ill https://www.ester.ee/record=b1558644*est

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

Tänavsuu, Toivo Eesti Ekspress 2020 / Lk. 10-12 : fot 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

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

Henno, Jaak Zentralblatt MATH 2020 / 1 p <https://www.zmath.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

Aini Veskiväli elu verstaapostid: kümme tiitlivõistluste medalit, kolm last, edukad tööaastad ja võitlus raske haigusega

Tserp, Devil 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 <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, Artu; 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

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 Tohvri

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

Ajalookirjanduse aastapreemia sai Epi Tohvri

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

Ajaloolised katusekonstruktsioonid

Kalamees, Targo Pööning : ajalooga majad, aiad ja disainiklassika 2020 / lk. 86-90 : fot 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

Lõper, Mari Studioosus 2020 / lk. 32-33 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

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

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

[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

[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

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

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

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

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

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

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

Akna ja seina liitekohta soojuskao ja niiskusturvalisuse arvutuslik uuring : aruanne

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

Alaalse isiku töötamine võlaõigusliku lepinguga

Güldenkov, Maret Raamatupidamise Praktik : RP 2020 https://www.ester.ee/record=b2119353*est

Alalisvooluülekande 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

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

2020 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.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 [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

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

2020 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://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://www.ester.ee/record=b5382412*est <https://doi.org/10.23656/25045520/062020/0180>

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

Guana, H.D.; Lia, C.J.; Gaoa, 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

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

Õpetajate Leht 2020 / Lk. 10 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

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 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>

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; Hornshøj, 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/CYIL-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.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 : 18th International Conference on Silicon Carbide and Related Materials 2019 (ICSCRM 2019), Kyoto, Japan, September 29 - October 4, 2019 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> [kookuvõtte: 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/CIT45562.2020.9067153> [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 [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](#)

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>

Andmete peitmine toob ohvleid

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

Anname süsinikufondi raha idudele

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

Annual report 2019 / TalTech

2020 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

Tönurist, 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

Krištal, 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, Maarjus** 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

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.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

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.; **Ubarte, 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 Nurbse 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://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

Array programming with NumPy

Harris, Charles R.; Millman, K. Jarrod; van der Walt, Stefan J.; **Peterson, Pearu** Nature 2020 / p. 357-362

Arterite jäikus ja kardiovaskulaarne risk

Pilt, Kristjan; Viigimaa, Margus Lege Artis : ajakiri Eesti arstidele 2020 / lk. 47-50 : ill 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"](#)

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://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

Arvutid toodi Eestisse õhinal

Tõugu, Enn Akadeemia 2020 / lk. 787-798 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

Asfaldiliit sai uue juhatuse

Ehitaja 2020 / lk. 10 : fot 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 Studiosus 2020 / lk. 44-45 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- β 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/oh tuleht/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](#) [Article 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 [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 [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>

Avatud ja hägus : tärkavate disainipraktikate kaardistamine [Võrguteavik]

Melioranski, Ruth-Helene; Pärn, Martin 2020 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://dea.digar.ee/article/AKmenteetmanu/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

Bakterite imeline maailm; 1. osa

Lelumees, Siiri Kodutohter 2020 / lk. 30-33 : ill 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.lu.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, Miroslaw; 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
<https://doi.org/10.1080/14631377.2019.1640981> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Banks' CSR reporting – do women have a say?

Tapver, Triinu; Laidroo, Laivi; Gurvitš-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; Gurvitš-Suits, Natalie Aleksandra Estonian Economic Association (EMS) 15th Annual Conference 23.-24.01.2020 2020 / 14 p <https://drive.google.com/drive/folders/1eJ-yxRA9Dccthe33xPPODitqahSguvM>

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 / 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.; **Primets, Jaanis**; Tõkke, Siim; Väli, B.; **Shirokova, Veroonika; 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 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 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://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

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-lennuvalja?id=89889835> https://www.ester.ee/record=b1072031*est

Betooniühingu üliõpilastööde preemiad läksid kolme kõrgkooli

Ehitaja 2020 / lk. 10-11 : fot 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/LIPIcs.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 [Conference proceeding at Scopus](#) [Article at Scopus](#)

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

Ivanoska-Dacic, Aleksandra; Bogoeva-Gaceva, Gordana; **Krumme, Andres; Tarasova, Elvira**; Scalera, Chiara; Stojkovski, Velimir; Gjorgoski, Icko; Ristoski, Trpe 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, Oghenetaji 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; Aydinian, 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

Güldenkov, Maret Raamatupidamise Praktik : RP 2020 / Lk. 22-24 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 <https://doi.org/10.1002/cben.202000002>

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](#)

Biorobootikute 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 mōnda 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

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 [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 [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>

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 SrAl₂O₄: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; Lättekivi, Freddy; Ord, James; Reshi, Qurat Ul Ain; Jääger, Kersti; **Velthut-Meikas, Agne**; Andrewska, 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 [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

Buildings' energy efficiency measures effect on CO2 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; **Stivriņš, 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 [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, Nataliia; Naumenko, Mariya; Dedilova, 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 [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.ester.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](#)

CaF₂ 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 [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-technolgy 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

Bilandi, Rasul Niazmand; 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; Kukk, 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]

Krivososova, 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; **Klößeiko, 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

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](#)

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 International journal of molecular sciences 2020 / art. 9550, 23 p. : ill <https://doi.org/10.3390/ijms21249550> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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.jirmhm.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

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 koostööme 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 [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 [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 [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 Cu₁₀Cd₂Sb₄S₁₃ monograin powder

Ghisani, Fairouz; Timmo, Kristi; **Altosaar, Mare** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 24 <http://fmtk.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; Staby, 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;** **Trikkell, Andres** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 87 <http://fmtk.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;** **Trikkell, 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

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

Khoshima, 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.appt.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

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 IEF journal of engineering and scientific research 2020 / p. 19–23 <http://nijosr.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.egyr.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

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

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

Singh, Neera; Ummethala, Raghunandan; Hameed, Pearl; 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; Gorbatsova, 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 [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&txGid=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

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

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

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

Ärestedt, Liselott; Martinsson, Caroline; Hjelm, Carina; Uhlin, 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 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

Continuum Waves

Encyclopedia of Continuum Mechanics 2020 / p. IX <https://doi.org/10.1007/978-3-662-55771-6>

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

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 [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics 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/rtuect-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 [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/s10849-020-09316-5> [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; Märten, 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 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 / p. 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/riperm.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, Mihalis; **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

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; Azık, 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; Azık, 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 Na₉[Ln(W₅O₁₈)₂] (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 Zr₆₅Cu₂₅Ni₅Ag_{2.5}Al_{2.5} 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/rtuect-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

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; Trummal, 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>

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, Alban; 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

The cyber-insurance market in Norway

Bahsi, Hayretidin; 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, Hayretidin** 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; Säälk, 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 „Kolonenrecht“ 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.eester.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
[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; Shahidehpour, 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

Nõmm, 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

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; Juurink, 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

Design and implementation of a mechatronic elbow orthosis

Minh, Vu Trieu; Tamre, Mart; Safonov, Aleksei; Musalimov, Victor; Kovalenko, Pavel; Monakhov, Iurii Mechatronic 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 B.; 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; Ormisson, 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 [Conference proceeding at Scopus](#) [Article at Scopus](#)

Designing N-substituted arylhydroxamic acids as catalytic acetylcholinesterase reactivators

Bondar, Denys; **Velihina, 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

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

Güldenkeh, 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/tepe.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://fmdtk.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

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

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

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

Digital Twin : industrial robot kinematic model integration to the virtual reality environment

Kuts, Vladimir; Cherezova, Natalia; Sarkans, Martinš; 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

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://mcbl.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; Tepļakov, Aleksei 2020 43rd International Conference on Telecommunications and Signal Processing : TSP 2020, Milan, Italy, July 7-9, 2020 2020 / art. 162353, p. 274-279 <http://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

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.; Beroukhi, 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>

Distantsõpe lükkas e-õppele täiskäigu sisse

Härmä, Karin Mente et Manu 2020 / lk. 26-29 : fot https://www.ester.ee/record=b1242496*est

<https://dea.digar.ee/article/AKmenteetmanu/2020/09/0/11.1>

Distantsõppele 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.ester.ee/record=b1242496*est

Distantsõppest tehnikahariduses

Vaimann, Toomas; **Palu, Ivo** Elektriala 2020 / lk. 10-12 : portr http://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 / 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 Vikerraar 2020 / lk. 152-155 https://www.ester.ee/record=b1073213*est

Doktorid 2020 / Tallinna Tehnikaülikool

Land, Tiit 2020 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

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. Viirok, 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://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.ester.ee/record=b1242496*est

Doktoritööd : september - november 2020 : [doktorikraadi kaitsesid J. Teras, N. Kinash, M. Olesk, M. Küttim, M. Eelsalu, A. Blaus, 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.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) = 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. 83-90 : portr 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 [Elektrooniline teavik]

Saimre, Teo; Vaarmann, Mati; Kikas, Ants Estonian discussions on economic policy (Articles) = Estnische Gespräche über Wirtschaftspolitik (Beiträge) = Eesti majanduspoliitilised väitlused (Artiklid). 28, 1-2 2020 / lk. 192-199 [CD-ROM]
https://www.ester.ee/record=b2280774*est

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; Stivrins, 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; Bilandi, Rasul Niazmand; 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, Mihhail 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 (Llandovery, 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.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

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

Eessõna

Riives, Jüri Tööstuse 4.0 väljakutse : metallitöötajate võimestamine nutikate tehaste jaoks 2020 / lk. 3-4 : portr

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

Eessõna

Ots, Arvo Soojustehnika Instituut : teadusuuringud 1936-2016 2020 / lk. 3-4 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

[Eessõna]

Aaviksoo, Jaak Majandusaasta aruanne 2019 / TalTech 2020 / lk. 5 : portr https://www.ester.ee/record=b5263625*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

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 Komendantist

Eesti Elu : [Kanada ajaleht] 2020 / lk. 6 : ill

Eesti biokeemik hoiatab: koroonaviirus püsib nakkusohtlikuna õhus mitu tundi, pindadel isegi mitu päeva!

Palumaa, Peep Õhtuleht 2020 / Lk. 6 <https://tervis.oh tuleht.ee/995397/eesti-biokeemik-hoiatab-koroonaviirus-pusib-nakkusohtlikuna-ohus-mitu-tundi-pindadel-isegi-mitu-paeva> 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!](#)

Eesti biokeemik hoiatab: ohtlik koroonaviirus suudab nõrga tervisega inimesele tekitada korvamatut kahju

Palumaa, Peep Õhtuleht.ee 2020 <https://tervis.oh tuleht.ee/996404/eesti-biokeemik-hoiatab-ohtlik-koroonaviirus-suudab-norga-tervisega-inimesele-tekitada-korvamatut-kahju>

Eesti biokeemik: iga samm võib olla saatuslik, pandeemia edukas läbimine sõltub tervisekäitumisest

Palumaa, Peep tervis.oh tuleht.ee 2020 / fot <https://tervis.oh tuleht.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

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

Eesti Elukeskkond aastal 2050

Grišakov, Kristi Linnastunud ühiskonna ruumilised valikud 2020 / Lk. 254–267 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

Eesti foneetika tehniline areng pildis

Lippus, Pärtel Horisont 2020 / lk.32-36 : fot 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.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

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/uncategorized/eesti-keele-valiskohakaanete-kasutus-poolsontaanses-kones-automaatse-transkriptsiooni-pohjal/> 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

Eesti korvpall - esimene sada : 1920-2020

Ibrus, Märt; Arike, Ville; **Järva, Rein;** Kana, Aadu 2020 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 Vikerkaar 2020 / lk. 163-166 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.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

Eesti Merekadeemia 2019 a. lõpetajad

Mere lained 2020 / lk. 166-169 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

Eesti on Euroopa Ruumiandmete Rakendusuringute Ühingu EuroSDR liige

Tiits, Tambet; **Ellmann, Artu** Geodeet 2020 / lk. 19-25 : fot 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

Eesti põlevkivitööstuse aastaraamat 2019

2020 [Aastaraamat 2019](#) 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 https://issuu.com/nlib/docs/2020_rk2_issuu

Eesti Raamatukoguhoidjate Ühingu aastaraamat 2019

2020 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

Eesti rahvasaadikud Kremli võimukoridorides : pildis ja sõnas

Made, Tiit 2020 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

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-eesti-teadlane-loob-parfuumis-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/ohutuleht/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/eesti-teadlaste-loodud-susteem-aitab-kaladel-hydroelektrijaamas-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

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

Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2019

2020 https://www.ester.ee/record=b1218094*est

Eesti Teaduste Akadeemia sõnas ja pildis 2019

2020 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/eemoodne kodu/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 "](#)

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](#)

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

Eesti Vabariigi põhiseadus : kommenteeritud väljaanne: VI peatükk
Taro, Külli Eesti Vabariigi põhiseadus : kommenteeritud väljaanne 2020 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 liginullenergiaõuete 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://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

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

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 juhhib ookeaniuurijaid
Eesti Päevaleht 2020 / Lk. 4 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

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

Eestlased viisid Kreeka väikelinna tänavatele esimese isejuhtiva bussi
Pau, Aivar forte.delfi.ee 2020 / fot [Eestlased viisid Kreeka väikelinna tänavatele esimese isejuhtiva bussi](https://www.ester.ee/record=b5329897*est)

Eestlaste menüüs napib kiudaineid
Imeline Teadus 2020 / lk. 20 : fot 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 régions, une réforme aboutie ? 2020 / p. 139-153
<https://www.editions-harmattan.fr/index.asp?nav=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

EETEL 25 kui mittetulundusühing
Teemets, Raivo Elektriala 2020 / lk. 10 http://www.ester.ee/record=b1240496*est

Effect of absorber surface modification on the optoelectronic properties of Cu₂CdGeSe₄ 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

The effect of apple juice concentration on cider fermentation and properties of the final product

Rosend, Julia; Kaleda, Aleksei; Kuldjäär, 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; Aleknevičienė, 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, Mikk; Zadin, Vahur; Löhmus, 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; Solovieva, 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/ruect-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 (Sb₂Se₃) for thin-films

Uslu, Mehmet Ender; Grossberg, Maarja; Volobujeva, Olga GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 86

<http://fmdtk.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://fmdtk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

Effect of the titanium isopropoxide : acetylacetone molar ratio on the photocatalytic activity of TiO₂ 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://fmdtk.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

Effective tools and models for engineering faculty MasteryTeaching supporting meaningful learning

Rüütmann, 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; Sõõru, 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 saa!

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

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

Ehitusinseneri kutse piirid või piiritus

Kendra, Ain Ehitaja 2020 / lk. 22 : portr 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

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

Ehitusteadlased selgitavad : miks me kannatame siseruumides liiga kuiva õhu käes?

Nõges, Krõõt Ehitaja 2020 / lk. 45-46 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](http://www.ester.ee/record=b1072123*est)

Ehitustegevuse kaardistamine kaugseirega

Puust, Raido Horisont 2020 / lk. 49-53 : fot 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/oh tuleht/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 [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

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-Ilona 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

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

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

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 TalTech

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

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 Co₃O₄ and Co₃O₄@SiO₂ 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)₂ 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 CuInGaSe₂ 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, Mairo; Rähn, Mihkel; Treshchalov, Alexey; Paiste, Päärn; Käärik, Maike; Leis, Jaan; Sammelselg, Väino; **Kaljuvee, Tiit**; Tammeveski, Kaido GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 57 : ill <https://fmt.dk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf> <https://doi.org/10.1002/celec.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**; Baltušnikaite-Guzaitiene, Julija; Abraitene, 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-Pöldsepp, Elo; **Vassiljeva, Viktoria**; Kikas, Arvo; Käärik, 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 võrgutase hinnakiri ei lähtu üldisest majanduspoliitikast

Rajangu, Väino Elektriala 2020 / lk. 22-23 : portr 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

Elektroenergeetika ettevõtete struktuur aastatel 1939-1951

Metusala, Tiit Elektriala 2020 / lk. 30-32 : ill http://www.ester.ee/record=b1240496*est

Elektroonika ja telekommunikatsiooni haridus lööb laineid

Äripäev 2020 / lk. 11 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://toostusest.ee/uudis/2020/01/28/elektroonika-korgharidus-areneb-kasikaes-toostuse-vajadustega/> http://www.ester.ee/record=b4481084*est

Elementrenoveerimine kui paneelelamu 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

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

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://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 kirjeldataud 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://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

EMERA ÜK : [Tour de TalTech]

Tamm, Taavi Studioosus 2020 / lk. 22-23 : fot 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

Trubitsin, 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

Trubitsin, Dmitri; Martõnova, Jevgenia; Erkmann, 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

Trubitsin, Dmitri; Kanger, Tõnis GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 84 : ill <http://fntdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

Encoderless rotor position estimation of a switched reluctance drive operated under model predictive control

Anuchin, Aleksey; Shpak, Dmitri; **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> [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 [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

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 / p. 433-437 [https://doi.org/10.1109/CPE-
POWERENG48600.2020.9161502](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

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 H₂AuCl₄ : 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 TiO₂ 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, EGOS 2020, St. Petersburg, Russia, November 18-19, 2020 : proceedings 2020 / p. 60-74 https://doi.org/10.1007/978-3-030-67238-6_5 [Conference proceeding at Scopus](#) [Article at Scopus](#)

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](https://finantsuudised.ee/enneta-kuiberkurjategijat-tema-jargmist-sammu-ette-nahes)

Enneta südameveresoonekonnahaigusi!

Terviseatlas 2020 / lk. 48-51 : ill https://www.ester.ee/record=b4613289*est <https://dea.digar.ee/publication/AKterviseatlas>
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

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://fmdtk.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/IJGENVI.2020.114868> [Journal metrics at Soppus](#) [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 [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

Eriolukord paneb saarlased nutikalt liikuma

Vaher, Eva-Maria Jooksja : sinu vastupidavusalade ajakiri 2020 / lk. 18-20 : fot 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.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

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

Erko Lepa: inseneriharidus annab baasi ükskõik mis valdkonda liikumiseks

Lepa, Erko Elektriala 2020 / lk. 22-23 : fot 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

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 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 sateliit-tehisavaradari (SAR) aktiivtransponderitega Eestis

Varbla, Sander; Ellmann, Artu Geodeet 2020 / lk. 30-35 : ill 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.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

Esitleti ajalooramatut "Eesti elektrivõrkude ajalugu"

Aro, Rein Elektriala 2020 / lk. 14-15 : fot http://www.ester.ee/record=b1240496*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/ae844df-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](#)

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 EAHL Newsletter 2020 / p. 22-24 : ill <https://eahl.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

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

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

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

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

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 TallTechi 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 soovitavad : 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.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

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

Eurokoodeks 3 [Võrguteavik] : teraskonstruktioonide 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

Eurokoodeks 3 [Võrguteavik] : teraskonstruktioonide projekteerimine. Osa 1-5, Tasapinnalised konstruktsioonilemendid = Eurocode 3 : design of steel structures. Part 1-5, Plated structural elements
2020 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

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

Euroopa saab uue supertehnikaülikooli
Imeline Teadus 2020 / lk. 19 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

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>

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; VellaI Zarb, 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

Evaluating cybersecurity-related competences through simulation exercises = Küberturbe-alaste kompetentside hindamine simulatsiooniharjutuste abil
Mäses, Sten 2020 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; Kalyuzhnyi, 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-AECCC 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

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

Vaikma, 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 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; Rützel 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

E-Voting System evaluation based on the Council of Europe recommendations: nVotes

Marcos del Blanco, David Yeregui; **Duenas Cid, David**; Alaiz Moreton, 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 ESRIN, 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 [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 [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; Rõõm, 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; Rassõlkin, 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

Export performance and capacity pressures in Central and Eastern Europe [Online resource]

Staehr, Karsten 2020 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

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

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 = Olmerekoveepuhastite tõhusust mõjutavad tegurid

Kõrgmaa, Vallo 2020 <https://digikogu.taltech.ee/et/Item/0ca84c6c-dde8-44fb-b33c-9b15161eadcc> 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**; **Õiger, 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

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**; Veligorskyi, 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 [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/JIOT.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]

Güldenkov, 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

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

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

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^∞ 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 [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

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 <https://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 [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/aeet.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

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/abhps.2020.2.00> https://www.ies.ee/bahps/acta-baltica/abhps-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

Foreword

Acta Baltica historiae et philosophiae scientiarum 2020 / p. 3-4 <https://doi.org/10.11590/abhps.2020.1.00> https://www.ies.ee/bahps/acta-baltica/abhps-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 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Formalizing λ -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 λ -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 π -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 Mg₂Si 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 [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: OMAE2020-18645, V008T08A013 ; 8 pages <https://doi.org/10.1115/OMAE2020-18645> [Conference proceedings at Scopus](#) [Article at Scopus](#)

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, Tiit**; **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://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

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 [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

Ernits, 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/acsaem.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©ownerid=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

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

Füüsika ülesannete kogu gümnaasiumile

Paju, Erna; Paju, Venda; Loide, Rein-Karl 2020 https://www.ester.ee/record=b5368085*est

Gaasid ja valu võivad viidata toidutalumatusale

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-toidutalumatusale>

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://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://fmdk.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; Rassõlkin, Anton; Vaimann, Toomas; Kallaste, Ants 2020 XI International Conference on Electrical Power Drive Systems (ICEPDS), Saint-Petersburg, Russia, October 4-7, 2020 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 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 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

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.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

Shirayev, 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.; Jöggiste, 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

Goethet lugedes : teadmiste juurdekasv tähendab rahutuse juurdekasvu

Leppik, Peep Sirp 2020 / lk. 9 <https://www.sirp.ee/s1-artiklid/c7-kirjandus/goethet-lugedes-teadmiste-juurdekasv-tahendab-rahutuse-juurdekasvu/>

Good Bureaucracy : Max Weber and Public Administration Today

Drechsler, Wolfgang Max Weber studies 2020 / p. 219-224 <https://www.jstor.org/stable/10.15543/maxweberstudies.20.2.219>

Good Bureaucracy : Max Weber on the 100th anniversary of his death [Online resource]

Drechsler, Wolfgang UCL IPP Blog medium.com 2020 / photo <https://medium.com/iipp-blog/good-bureaucracy-max-weber-on-the-100th-anniversary-of-his-death-c3dc6846d6be>

Governance of innovation and development financing : policies, strategic functions and bureaucracies = Innovatsiooni ja arengu finantseerimise valitsemine : poliitikad, strateegilised funk[t]sioonid ja bürokraatia

Mikheeva, Olga 2020 <https://digikogu.taltech.ee/et/Item/3be91a47-f703-44cb-87ce-d6db62f8cdab>

Governing through Guthi : towards a neo-traditional model for governing urban public spaces in the Kathmandu Valley

Shakya, Shobhit Revisiting Kathmandu Valley's public realm: some insights into understanding and managing its public spaces

2020 / p. 229-264 ["Governing through Guthi"](#)

Graafiline ülevaade: Eesti ülikoolide populaarsemad erialad 2020 [Võrguväljaanne]

Ojamets, Indrek; Oidermaa, Jaan-Juhan novaator.err.ee 2020 / fot [Graafiline ülevaade: Eesti ülikoolide populaarsemad erialad 2020](#)