

Aafrika tudengid otsivad Eestist head haridust

Kaldoja, Evelyn Postimees 2021 / Lk. 10-11 : portr <https://dea.digar.ee/article/arter/2021/01/16/7.1> "Aafrika tudengid otsivad Eestist head haridust"

Aapo Pukk maalib Pauluse kirikusse kaks Jeesus Kristust

Jõgi, Aime Tartu Postimees 2021 / Lk. 1 : fot <https://dea.digar.ee/cgi-bin/dea?a=cl&cl=CL1&sp=postimees>

Aapo Pukk maalib Pauluse kirikusse kaks Jeesus Kristust [Võrguväljaanne]

Jõgi, Aime postimees.ee 2021 [Aapo Pukk maalib Pauluse kirikusse kaks Jeesus Kristust](#)

Aaspere mõisa peahoone

Kallaste, Kadri; Tael, Kadri Pööning : ajalooga majad, aiad ja disainiklassika 2021 / lk. 52-56 : fot https://www.ester.ee/record=b4516546*est

Aasta arendustööd 2020

Mente et Manu 2021 / lk. 23 [Mente et Manu 1/2021](#) https://www.ester.ee/record=b1242496*est

Aasta e-kursuse tiitli pävis TalTechi veetorustike modelleerimise kursus

Mente et Manu 2021 / lk. 10 : fot https://www.ester.ee/record=b1242496*est

Aasta innovaatori nominendid - toodetega koroonavastu ja osalemine ajaloolises projektis [Võrguväljaanne]

Saarmann, Tanel arileht.delfi.ee 2021 ["Aasta innovaatori nominendid - toodetega koroonavastu ja osalemine ajaloolises projektis"](#)

Aasta insener 2020 Arvi Hamburg: edasimineku eeldab laiemate seoste nägemist

Hamburg, Arvi Director. Inseneeria 2021 / lk. 20-25 : fot https://www.ester.ee/record=b1519314*est <https://director.ee/2021/03/03/aasta-insener-2020-arvi-hamburg-edasimineku-eeldab-laiemate-seoste-nagemist/>

Aasta insener on Argo Rosin, aasta tehnikaüliõpilane Karolina Kudelina

Mente et Manu 2021 / lk. 8 : fot https://www.ester.ee/record=b1242496*est

Aasta inseneriks 2021 valiti Argo Rosin [Võrguväljaanne]

toostusuudised.ee 2021 ["Aasta inseneriks 2021 valiti Argo Rosin"](#)

Aasta inseneriks valiti Arvi Hamburg, aasta tehnikaüliõpilaseks Erik Teder

Mente et Manu 2021 / lk. 8 [Mente et Manu 1/2021](#) https://www.ester.ee/record=b1242496*est

Aasta kultuuritegu : Tallinna Tehnikaülikooli Puhkpilliorkestri I koht puhkpilliorkestrite riikliku konkursi kõrgeimas klassis

Mente et Manu 2021 / lk. 63 : fot [Mente et Manu 1/2021](#) https://www.ester.ee/record=b1242496*est

Aasta mereharia Rein Loodla on õpetanud ligi 50 aastat

Piirsalu, Merlin Meremees : Eesti merendusajakiri = Estonian maritime magazine. Veeteede Teataja 2021 / lk. 4-7 : fot https://issuu.com/ajakirimeremees/docs/meremees_2021_3-4_veeteede_teataja_2021_3-4

Aasta noor ettevõtja Martin Vares: mul on meeleis sõnad - vale otsus on parem kui mitte otsustamine [Võrguväljaanne]

arileht.delfi.ee 2021 ["Aasta noor ettevõtja Martin Vares: mul on meeleis sõnad - vale otsus on parem kui mitte otsustamine "](#)

Aasta noorteadlane 2020 : Juri Belikov

Mente et Manu 2021 / lk. 21 : fot [Mente et Manu 1/21](#) https://www.ester.ee/record=b1242496*est

Aasta parim eestikeelne kõrgkooliõpik on „Kuidas mõista andmestunud maailma? Metodoloogiline teejuht“ [Võrguväljaanne]

opleht.ee 2021 ["Aasta parim eestikeelne kõrgkooliõpik on „Kuidas mõista andmestunud maailma? Metodoloogiline teejuht"](#)

Aasta parimad

Studioosus 2021 / lk. 10-11 : fot https://www.ester.ee/record=b1558644*est

Aasta parimad teadusartiklid

Mente et Manu 2021 / lk. 22- 23 [Mente et Manu 1/2021](#) https://www.ester.ee/record=b1242496*est

Aasta programmijuhid 2020

Mente et Manu 2021 / lk. 26 : fot [Mente et Manu 1/2021](#) https://www.ester.ee/record=b1242496*est

Aasta puitehitis 2021 — vaata nominente ja anna hääl oma lemmikule! [Võrguväljaanne]

moodnekodu.delfi.ee 2021 ["Aasta puitehitis 2021 — vaata nominente ja anna hääl oma lemmikule! "](#)

Aasta puitehitis 2021 võidukad

Moodne Kodu : AS Ekspress Meedia teema- ja erialalehtede osakonna väljaanne : kuukiri 2021 / Lk. 33-34
<https://dea.digar.ee/article/eemoodnekodu/2021/11/24/31.1>

Aasta puitehitis 2021 võitjad on selgunud! [Võrguväljaanne]

delfi.ee 2021 ["Aasta puitehitis 2021 võitjad on selgunud!"](#)

Aasta sporditegu : Kärol Soodla esikoht veemotospordi Euroopa meistrivõistlustel

Mente et Manu 2021 / lk. 63 : portr [Mente et Manu 1/2021](#) https://www.ester.ee/record=b1242496*est

Aasta teadlane 2020 : Margus Viigimaa

Mente et Manu 2021 / lk. 21 : fot [Mente et Manu 1/2021](#) https://www.ester.ee/record=b1242496*est

Aasta tegu teadusraamatukogus 2020 : Tehnikaülikooli raamatukogu õpikeskkond on avatud ööpäeva- ja aastaringelt

Tõiste, Tuuliki Eesti Raamatukoguhoidjate Ühingu aastaraamat 2020 2021 / lk. 87-88 https://www.ester.ee/record=b1209172*est

Aasta tehnikaüliõpilane 2021 on Karolina Kudelina

Vaimann, Toomas Meie Leht 2021 / lk. 4 http://narva-joesuu.ee/documents/2032926/30038466/Meie_Leht_DETSEMBER_2021_EST.pdf/6812d56d-dce2-4684-87ee-72639332075f

Aasta tudeng : Yazeed Haddad

Mente et Manu 2021 / lk. 62 : portr [Mente et Manu 1/2021](#) https://www.ester.ee/record=b1242496*est

Aasta tudengiorganisatsioon : TalTech Filmiklubi

Mente et Manu 2021 / lk. 63 [Mente et Manu 1/2021](#) https://www.ester.ee/record=b1242496*est

Aasta tudengitegu : üliõpilasesinduse projektide ja aastatoetuste veebiplatvormi loomine

Mente et Manu 2021 / lk. 62 : fot [Mente et Manu 1/2021](#) https://www.ester.ee/record=b1242496*est

Aasta tugitöötajad 2020

Mente et Manu 2021 / lk. 27 : fot [Mente et Manu 1/2021](#) https://www.ester.ee/record=b1242496*est

Aasta Turundustegu 2020: selgusid avaliku sektori võitja ja ärikategooria finalistid

Reiter, Laura BestMarketing.ee 2021 ["Aasta Turundustegu 2020: selgusid avaliku sektori võitja ja ärikategooria finalistid "](#)

Aasta töösturi finalistid on selgunud! [Võrguväljaanne]

toostusuudised.ee 2021 ["Aasta töösturi finalistid on selgunud! "](#)

Aasta vilistlased 2021 on olümpiavõitjad Irina Embrich ja Erika Kirpu

Mente et Manu 2021 / lk. 58-59 : fot https://www.ester.ee/record=b1242496*est

Aasta õppejõud 2020

Mente et Manu 2021 / lk. 24-25 : fot [Mente et Manu 1/2021](#) https://www.ester.ee/record=b1242496*est

Aasta õppejõud Heino Punab

Punab, Heino Meremees. Veeteede Ameti teataja 2021 / lk. 4-6 : fot https://issuu.com/veeteedeamet/docs/meremees_2021_2-4.veeteede_teataja_2021_2-4

Aastaks 2050 valmistumist tuleb alustada juba täna [Võrguväljaanne]

metsamajandusuudised.ee 2021 ["Aastaks 2050 valmistumist tuleb alustada juba täna "](#)

Aastal 2030 nõuaks Euroopa norm autolt kütusekulu alla kahe liitri [Võrguväljaanne]

Kiisler, Indrek err.ee 2021 ["Aastal 2030 nõuaks Euroopa norm autolt kütusekulu alla kahe liitri"](#)

Aastapreemiad : preemia keemia ja molekulaarbioloogia alal tööde tsükli "Neuraalse aktiivsusega reguleeritud geeniekspressiooni mehhanismid" eest : Tõnis Timmusk. Preemia tehnikateaduste alal tööde tsükli "Süvaoksüdatsiooni tehnoloogiate arendamine kaasaegsete keskkonnaprobleemide lahendamiseks : tugevalt saastatud tööstusreovetest mikrosaasteaineteni õhus ja vees" eest : Marina Trapido, Niina Dulova, Marina Kritševskaja, Sergei Preis. Preemia tehnikateaduste alal tsükli "Uute 2D ja 3D mitmikpooljuhtide optiline spektroskoopia" eest" : Maarja Grossberg, Jüri Krustok

Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2020 2021 / lk. 14-15, 17
https://www.ester.ee/record=b1218094*est

Aastaraamat 2020 / Tallinna Tehnikaülikool, Virumaa Kolledž

2021 https://www.ester.ee/record=b2666429*est

Aaviksoo: pakirobotid on võitnud linlaste südamed, küsitakse isegi, et mis on roboti nimi [Võrguväljaanne]
Raag, Toomas pealinn.ee 2021 "[Aaviksoo: pakirobotid on võitnud linlaste südamed, küsitakse isegi, et mis on roboti nimi](#)"

About the essence of intelligence – will artificial intelligence (ever) cover human intelligence?

Jaakkola, Hannu; Thalheim, Bernhard; Henno, Jaak Information Modelling and Knowledge Bases XXXIII 2021 / p. 19-43
<https://doi.org/10.3233/FAIA210475> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Abrasive wear resistant composite hardfacings with ex-situ and in-situ synthesized carbide reinforcement =
Abrasiivkulumiskindlad komposiitpinded ex-situ ja in-situ sünteetitud karbiidkõvafaasiga**

Tkachivskyi, Dmytro 2021 <https://doi.org/10.23658/taltech.41/2021> <https://digikogu.taltech.ee/et/Item/4ee05e38-b68b-4bb6-a708-6f2b8159f947>

Abstraction and generalization in the logic of science : cases from nineteenth-century scientific practice

Cristalli, Claudia; Pietarinen, Ahti-Veikko HOPOS: The journal of the International Society for the History of Philosophy of Science 2021 / p. 93-121 <https://doi.org/10.1086/713087> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

AC losses analysis approaches for electric vehicle motors with hairpin winding configuration

Shams Ghahfarokhi, Payam; Podgornovs, Andrejs; Marques Cardoso, Antonio J.; Kallaste, Ants; Belahcen, Anouar; Vaimann, Toomas IECON 2021 - 47th Annual Conference of the IEEE Industrial Electronics Society, 2021 2021 / p. 1-4 : ill
<https://doi.org/10.1109/IECON48115.2021.9589339> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

AC magnetic loss reduction of SLM processed Fe-Si for additive manufacturing of electrical machines

Tiismus, Hans; Kallaste, Ants; Belahcen, Anouar; Tarraste, Marek; Vaimann, Toomas; Rassõlkin, Anton; Asad, Bilal; Shams Ghahfarokhi, Payam Energies 2021 / 13 p. : ill <https://doi.org/10.3390/en14051241> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Academies and knowledge management

Engelbrecht, Jüri Cadmus 2021 / p. 56-57 <http://www.cadmusjournal.org/article/volume-4/issue-4/academies-and-knowledge-management>
<http://www.cadmusjournal.org/files/pdfreprints/vol4issue4/Academies-and-Knowledge-Management-JEngelbrecht-Cadmus-V4-I4-Reprint.pdf>

Academy of sciences president: Threats against Lutsar an attack on Estonia [Võrguväljaanne]

news.err.ee 2021 "[Academy of sciences president: Threats against Lutsar an attack on Estonia](#)"

Accelerated global MPPT for multimode series resonant DC-DC converter

Sidorov, Vadim; Chub, Andrii; Vinnikov, Dmitri 2021 IEEE 15th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) : Florence, Italy, 14-16 July 2021 2021 <https://doi.org/10.1109/CPE-POWERENG50821.2021.9501077>

Access to artificial intelligence for persons with disabilities : legal and ethical questions concerning the application of trustworthy AI

Joamets, Kristi; Chochia, Archil Acta Baltica historiae et philosophiae scientiarum 2021 / p. 51-66
<https://doi.org/10.11590/abhps.2021.1.04> [Journal metrics at Scopus](#) [Article at Scopus](#)

Accessibility and orbits for discrete-time nonlinear control systems

Bartosiewicz, Zbigniew; Kotta, Ülle; Wyrwas, Małgorzata 60th IEEE Conference on Decision and Control, CDC 2021, Austin, 13-17 December 2021 2021 / p. 4594-4601 <https://doi.org/10.1109/CDC45484.2021.9682853> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Accessibility and system reduction of nonlinear time-delay control systems

Bartosiewicz, Zbigniew; Kaldmäe, Arvo; Kawano, Yu; Kotta, Ülle; Pawluszewicz, Ewa; Simha, Ashutosh; Wyrwas, Małgorzata IEEE Transactions on Automatic Control 2021 / p. 3781-3788 <https://doi.org/10.1109/TAC.2020.3028566> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Accessible battery model with aging dependency

Savard, Christophe; Iakovleva, Emiliia; Ivanchenko, Daniil; Rassõlkin, Anton Energies 2021 / art. 3493, 16 p
<https://doi.org/10.3390/en14123493> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Accounting, management and accountability in times of crisis : lessons from the COVID-19 pandemic

Leoni, Giulia; Lai, Alessandro; Stacchezzini, Riccardo; Steccolini, Ileana; Brammer, Stephen; Linnenluecke, Martina; Demirag, Istemihan Sefik Accounting auditing & accountability journal 2021 / p. 1305-1319 <https://doi.org/10.1108/AAAJ-05-2021-5279> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Accuracy assessment of RTK-GNSS equipped UAV conducted as-built surveys for construction site modelling

Varbla, Sander; Puust, Raido; Ellmann, Artu Survey review 2021 / p. 477-492 <https://doi.org/10.1080/00396265.2020.1830544> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Accurate sea surface heights from Sentinel-3A and Jason-3 retracers by incorporating high-resolution marine geoid and hydrodynamic models

Mostafavi, Majid; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu Journal of geodetic science 2021 / p. 58-74

<https://doi.org/10.1515/jogs-2020-0120> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Achieving of Magnus effect with Agros Suite

Lukin, Aleksandr; Demidova, Galina; Rassõlkin, Anton Periodica polytechnica electrical engineering and computer science 2021 / p. 131-137 : ill <https://doi.org/10.3311/PPee.17743> [Journal metrics at Scopus](#) [Article at Scopus](#)

Acidic pH enhances butyrate production from pectin by faecal microbiota

Raba, Grete; Adamberg, Signe; Adamberg, Kaarel FEMS Microbiology Letters 2021 / art. fnab042

<https://doi.org/10.1093/femsle/fnab042> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Acoustic and thermoacoustic properties of an additive manufactured lattice structure

Di Giulio, Elio; Auriemma, Fabio; Napolitano, Marialuisa; Dragonetti, Raffaele The Journal of the Acoustical Society of America 2021 / art. 3878 <https://doi.org/10.1121/10.0005085> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Acoustic performance of an additive manufactured lattice structure

Auriemma, Fabio; Liu, Le IOP conference series : materials science and engineering 2021 / art. 012002, 5 p.: ill <https://doi.org/10.1088/1757-899X/1140/1/012002>

Acoustic study of multi-layered microperforated elements for fibreless noise control applications

Villau, Margus; Rämmal, Hans; Lavrentjev, Jüri IOP conference series : materials science and engineering 2021 / art. 012015, 7 p. : ill <https://doi.org/10.1088/1757-899X/1140/1/012015>

Acta Baltica historiae et philosophiae scientiarum

2021 <http://www.bahps.org/acta-baltica> <https://doi.org/10.11590/abhps> https://www.ester.ee/record=b2941458*est

Active and reactive power control of DFIG using optimized fractional order-PI controller

Javed, Umar; Arshad, Muhammad Asad; Shabbir, Noman; Kütt, Lauri; Rassõlkin, Anton 2021 IEEE 19th International Power Electronics and Motion Control Conference, The Silesian University of Technology Gliwice, Poland, 25 - 29 April, 2021 (PEMC) : proceedings 2021 / p. 398-404 <https://doi.org/10.1109/PEMC48073.2021.9432608>

Active inference and abduction

Pietarinen, Ahti-Veikko; Beni, Majid D. Biosemiotics 2021 / p. 499-517 <https://doi.org/10.1007/s12304-021-09432-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Active surveillance of patients who have sentinel node positive melanoma : an international, multilinstitution evaluation of adoption and early outcomes after the Multicenter Selective Lymphadenectomy trial II (MSLTII)

Broman, Kristy K.; Hughes, Tasha M.; Dossett, Lesly A.; Sun, James; Kirichenko, Dennis A.; Carr, Michael J.; Sharma, Avinash; Bartlett, Edmund K.; Nijhuis, Amanda AG.; Teras, Jüri; Teras, Roland Martin Cancer 2021 / p. 2251-2261 <https://doi.org/10.1002/cncr.33483>

Acu, Ana-Maria; Başcanbaz-Tunca, Gülen; Rasa, Ioan. Information potential for some probability density functions : [review]

Henno, Jaak Zentralblatt MATH 2021 / Zbl 1465.94032 <https://zbmath.org/?q=an:07329309>

Adaptiivne kiirusehoidik suurendab eessõitja kiirust [Võrguväljaanne]

Heering, Toomas LõunaLeht 2021 / Lk. 5 "Adaptiivne kiirusehoidik suurendab eessõitja kiirust"

Adaptive virtual inertia-damping system based on model predictive control for low-inertia microgrids

Fawzy, Asmaa; Bakeer, Abualkasim Ahmed Ali; Magdy, Gaber; Atawi, Ibrahim E.; Roshdy, Mohamed IEEE Access 2021 / p. 109718 - 109731 <https://doi.org/10.1109/ACCESS.2021.3101887> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

ADCS development for student CubeSat satellites - TalTech case study

Rassõlkin, Anton; Vaimann, Toomas; Org, Peeter; Leibak, Alar; Gordon, Rauno; Priidel, Eiko Proceedings of the Estonian Academy of Sciences 2021 / p. 268-285 : ill <https://doi.org/10.3176/proc.2021.3.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Additive Manufacturing and Performance of E-Type Transformer Core

Tiismus, Hans; Kallaste, Ants; Belahcen, Anouar; Rassõlkin, Anton; Vaimann, Toomas; Shams Ghahfarokhi, Payam Energies 2021 / art. 3278 <https://doi.org/10.3390/en14113278> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Additive manufacturing of a martensitic Co–Cr–Mo alloy : Towards circumventing the strength–ductility trade-off

Wang, Zhi; Tang, S.Y.; Scudino, Sergio; Ivanov, Y.P.; Qu, R.T.; Wang, D.; Yang, C.; Zhang, W.W.; Greer, A.L.; Eckert, Juergen H.; Prashanth, Konda Gokuldoss Additive Manufacturing 2021 / art. 101725 <https://doi.org/10.1016/j.addma.2020.101725> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Additive manufacturing of aluminum-based metal matrix composites - a review

Tang, Shengyang; Ummethala, Raghunandan; Suryanarayana, Challapalli; Eckert, Jürgen; Prashanth, Konda Gokuldoss; Wang, Zhi Advanced engineering materials 2021 / 2100053 <https://doi.org/10.1002/adem.202100053>

Additive manufacturing of prototype axial flux switched reluctance electrical machine

Tiismus, Hans; Kallaste, Ants; Belahcen, Anouar; Vaimann, Toomas; Rassõlkin, Anton 2021 28th International Workshop on Electric Drives : Improving Reliability of Electric Drives (IWED) 2021 / 4 p. : ill <https://doi.org/10.1109/IWED52055.2021.9376337>

Addressing scalability issues in semantics-driven recommender systems

Bendouch, Mounir M.; Frasinca, Flavius; Robal, Tarmo WIAT '21: IEEE/WIC/ACM International Conference on Web Intelligence 2021 / p. 56-63 <https://doi.org/10.1145/3486622.3493963> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Adhesion of AlCrN coating deposited on TiB₂/Ti composites sintered by SPS dedicated for high temperature tribological applications

Michalczewski, Remigiusz; Kalbarczyk, M.; Slomka, Z.; Hussainova, Irina; Liu, Le; Antonov, Maksim IOP conference series : materials science and engineering 2021 / art. 012010, 9 p <https://doi.org/10.1088/1757-899X/1140/1/012010>

Admiral Bellingshauseni meeskond kogub Arktika teekonnal TalTechi teadlaste mere mikrobioloogilisi kooslusi

Mente et Manu 2021 / lk. 11 : fot https://www.ester.ee/record=b1242496*est

Admiraliteedist pöördusillani

Rajangu, Väino 2021 https://www.ester.ee/record=b5455990*est

Adrian Venables: robotid vallutavad transpordisektorit. Küberturvalisus [Võrguväljaanne]

Venables, Adrian Nicholas Edasi.org : innustav ja hariv ajakiri 2021 "[Adrian Venables: robotid vallutavad transpordisektorit. Küberturvalisus](#)"

Advanced ICT solutions in a distance vocational education and training in the field of robotics

Pilat, Zbigniew; Arapi, Polyxeni; Pappas, Nikos; Omieljanowicz, Mirosław; Prokopiuk, Norbert; Tamre, Mart The 16th International Conference "Mechatronic Systems and Materials" : MSM 2021 July 1, 2021 - July 2, 2021 : abstract book 2021 / p. 62-63 <https://vb.vgtu.lt/object/elaba:100810507/100810507.pdf>

Advancement in production engineering education through Virtual Learning Factory Toolkit concept

Mahmood, Kashif; Otto, Tauno; Kuts, Vladimir Proceedings of the Estonian Academy of Sciences 2021 / p. 374-382 : ill <https://doi.org/10.3176/proc.2021.4.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Advances in drug testing using capillary electrophoresis and native fluorescence

Bolkvadze, Vyacheslav; Saar-Reismaa, Piret; Kaljurand, Mihkel; Vaher, Merike; Gorbatsova, Jelena; Mazina-Šinkar, Jekaterina V4 Symposium Flow Analysis & Capillary Electrophoresis : abstracts 2021 / p. 64 https://v4face.project.uj.edu.pl/documents/144328876/0/Book_of_abstracts_FACE+2020.pdf/d09dca39-a279-47c4-90e3-72f05bcd4a1

Advances in machine fault diagnosis

Vaimann, Toomas Applied sciences 2021 / art. 7348, 5 p <https://doi.org/10.3390/app11167348> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Advances in Model and Data Engineering in the Digitalization Era : MEDI 2021 International Workshops : DETECT, SIAS, CSMML, BIOC, HEDA, Tallinn, Estonia, June 21–23, 2021 : proceedings

2021 <https://doi.org/10.1007/978-3-030-87657-9>

Advancing cybersecurity education through learning analytics = Küberkaitsealase hariduse parendamine õpianalüütika abil

Maennel, Kaie 2021 <https://doi.org/10.23658/taltech.29/2021> https://www.ester.ee/record=b5434228*est <https://digikogu.taltech.ee/et/Item/d01c0b17-3b4b-41c5-ae24-e75b6128a183>

Aerial base station assisted cellular communication : performance and trade-off

Sharma, Navuday; Kumar, Atul; Alam, Muhammad Mahtab; Jindal, Anish; Imran, Muhammad Ali IEEE Transactions on Network Science and Engineering 2021 / p. 2765-2779 <https://doi.org/10.1109/TNSE.2021.3052984> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aerobic oxidations in asymmetric synthesis : catalytic strategies and recent developments

Kananovich, Dzmitry; Elek, Gabor Zoltan; Lopp, Margus; Borovkov, Victor Frontiers in chemistry 2021 / art. 614944 <https://doi.org/10.3389/fchem.2021.614944> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Afganistani teaduse areng mustast august määramatusse

Soomere, Tarmo Postimees 2021 / Lk. 8 <https://dea.digar.ee/article/postimees/2021/09/04/12.4>

AFM nanoshaving of covalently modified graphite for studying molecular self-assembly under lateral nanoconfinement

Steenro, Roelof; Van Gorp, Hans; **Walke, Peter**; Mali, Kunal S.; De Feyter, Steven Journal of physical chemistry C 2021 / p. 21624-21634 <https://doi.org/10.1021/acs.jpcc.1c05700> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Age of the silurian lower red beds in South China : stratigraphical evidence from the sanbaiti section

Chen, Zhongyang; **Männik, Peep**; Fan, Junxuan; Wang, Chengyuan; Chen, Qing; Sun, Zongyuan; Chen, Dongyang; Li, Chao Journal of earth science 2021 / p. 524–533 : ill <https://doi.org/10.1007/s12583-020-1350-6> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Age of the Silurian Wuxiahe Formation in Langao, Northwest China : New conodont data

Chen, Zhong-Yang; **Männik, Peep**; Tang, Peng; Wang, Jian; Ma, Jun-Ye; Luan, Xiao-Cong Palaeoworld 2021 / p. 649-658 : ill <https://doi.org/10.1016/j.palwor.2020.12.004> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Age, genesis, and seismogenic deformations of the vuoksa river terraces on the karelian isthmus (Northwestern Russia)

Shvarev, S.; Subetto, D.; Zaretskaya, N.; **Molodkov, Anatoli** Russian geology and geophysics 2021 / 21 p. : ill <https://doi.org/10.2113/RGG20204229> Journal metrics at Scopus Article at Scopus

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

Loschi, Hermes; Smolenski, Robert; Lezynski, Piotr; Nascimento, Douglas; **Demidova, Galina** Industrial and Technological Applications of Power Electronics Systems 2021 / p. 331-339 <https://doi.org/10.3390/en13143698>

Agile Club

Studiosus 2021 / lk. 24 : fot https://www.ester.ee/record=b1558644*est

Ago Luberg: leian motivatsiooni õpetamisest endast!

Luberg, Ago Mente et Manu 2021 / lk. 14-19 : fot https://www.ester.ee/record=b1242496*est

Ago Samoson: Eesti elekter ei ole Euroopa elekter [Võrguväljaanne]

Samoson, Ago err.ee 2021 ["Ago Samoson: Eesti elekter ei ole Euroopa elekter "](#)

Ago Samoson: omadele kõik, teistele (vaenukõne) seadus [Võrguväljaanne]

Samoson, Ago postimees.ee 2021 ["Ago Samoson: omadele kõik, teistele \(vaenukõne\) seadus"](#)

Ago Samoson: president kui ülikooli rektor [Võrguväljaanne]

Samoson, Ago postimees.ee 2021 ["Ago Samoson: president kui ülikooli rektor "](#)

Ago Samoson: riiki peaks pidevalt kraadima [Võrguväljaanne]

Samoson, Ago postimees.ee 2021 ["Ago Samoson: riiki peaks pidevalt kraadima"](#)

Ago Samoson: roosa kass püüab hiiri [Võrguväljaanne]

Samoson, Ago postimees.ee 2021 <https://leht.postimees.ee/7178079/ago-samoson-roosa-kass-puuab-hiiri>

Ahlswede, R. Ahlswede, A. (ed.); Althöfer, I. (ed.); Deppe, C. (ed.); Tamm, Ulrich (ed.). Identification and other probabilistic models. Rudolf Ahlswede's lectures on information theory 6. Edited by Alexander Ahlswede, Ingo Althöfer, Christian Deppe and Ulrich Tamm : [review]

Henno, Jaak Zentralblatt MATH 2021 / 1 p <https://zbmath.org/?q=an%3A7349483>

Ahto Oja: biometani tootmine ja tarbimine on rohemajanduse regionaalpoliitika [Võrguväljaanne]

Oja, Ahto postimees.ee 2021 ["Ahto Oja: biometani tootmine ja tarbimine on rohemajanduse regionaalpoliitika"](#)

Ai jenk-penki parlevoo...

Albri, Rein Meremees. Veeteede Ameti teataja 2021 / lk. 26-27 : fot https://issuu.com/ajakirimeremees/docs/meremees_2021_1-4._veeteede_teataja_2021_1-4 https://www.ester.ee/record=b4646644*est

Ainulaadne koolitusprogramm viib ärilinnaku töötajad kokku kõrgkoolidega

Mihkels, Ila Õhtuleht 2021 / Lk. 2-3 <https://dea.digar.ee/article/olkoolitus/2021/01/26/5>

Air quality microbiological studies in straw bale and reed houses : poster abstract

Raamets, Jane; Ruus, Aime; Ivask, Mari; Nei, Lembit Biotechnology & Biotechnological Equipment 2021 / S120 <https://doi.org/10.1080/13102818.2020.1871545>

AIRE aitab tööstusettevõtteid robotiseerida ja muuta veelgi nutikamaks
Nõges, Krõõt Mente et Manu 2021 / lk. 46-47 : ill https://www.ester.ee/record=b1242496*est

AIRE klubi #2: räägiti rahastamisest ning selgitati välja, kas kas pakiroboti lumehangest väljaaitamise eest tänab tehisintellekt või päris inimene [Võrguväljaanne]
digi.geenius.ee 2021 "[AIRE klubi #2: räägiti rahastamisest ning selgitati välja, kas kas pakiroboti lumehangest väljaaitamise eest tänab tehisintellekt või päris inimene](#)"

Airtightness of cross-laminated timber envelopes : influence of moisture content, indoor humidity, orientation, and assembly

Kukk, Villu; Bella, Adeniyi; Kers, Jaan; Kalamees, Targo Journal of building engineering 2021 / art. 102610
<https://doi.org/10.1016/j.jobbe.2021.102610> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Aivar Pohlak tegi esimese jalgpalluripalga eest väga patriootliku ostu [Võrguväljaanne]
Lehepuu, Greete Magnaat : edukate ettevõtjate lood : [Eesti Ekspressi ajakiri] 2021 / Lk. 112-113 "[Aivar Pohlak tegi esimese jalgpalluripalga eest väga patriootliku ostu](#)"

Ajakirjanike liit ja arstide liit: rünnakut professor Irja Lutsari vastu peaksid uurima õiguskaitseorganid [Võrguväljaanne]
Õhtuleht.ee 2021 "[Ajakirjanike liit ja arstide liit: rünnakut professor Irja Lutsari vastu peaksid uurima õiguskaitseorganid](#)"

Ajale jalgu jäänud? [Võrguväljaanne]
saartehaal.postimees.ee 2021 "[Ajale jalgu jäänud?](#)"

Ajalooline jокutamine: presidendikandidaadid pole end kunagi nii viimase minutini oodata lasknud!
Voog, Viljar Õhtuleht 2021 / Lk. 12-13 : fot <https://dea.digar.ee/article/ohituleht/2021/08/07/9.1>

Ajastutruud üleskirjutised tööst koolijuhatajana, õpetajana : 1929-1940, 1940-1950, 1955-1961
Nurmiste, Enn 2021 https://www.ester.ee/record=b5480077*est

Ajurünnak - "Kuhu edasi, kolledž?"
Roosileht, Mare Aastaraamat 2020 : TalTech Virumaa Kolledž 2021 / lk. 71-73 : fot https://www.ester.ee/record=b2666429*est
<http://data.vk.edu.ee/aastaraamat20/>

Ajuteadlane Koroonaaial: teadmistest üksi lihtsalt ei piisa
Jõgi, Aime Tartu Postimees 2021 / Lk. 6-7 <https://dea.digar.ee/article/tartupostimees/2021/11/19/8.1>

Akadeemik Anto Raukas : 17.02.1935 - 19.04.2021
Elektriala 2021 / lk. 13 : portr https://www.ester.ee/record=b1240496*est

Akadeemik Jarek Kurnitski sai Covidi tõrjel kõrge tunnustuse
postimees.ee 2021 <https://www.postimees.ee/7297571/akadeemik-jarek-kurnitski-sai-covid-i-torjel-korge-tunnustuse>

Akadeemik Soomere: Lutsarit ähvardades rünnatakse Eesti riiki [Võrguväljaanne]
err.ee 2021 <https://www.err.ee/1608093049/akadeemik-soomere-lutsarit-ahvardades-runnatakse-eesti-riiki>

Akadeemik Tarmo Soomere: targem ei tohi enam järele anda [Võrguväljaanne]
Soomere, Tarmo err.ee 2021 "[Akadeemik Tarmo Soomere: targem ei tohi enam järele anda](#)"

Akadeemik: Eestis pole linna minema uhtuvad üleujutused võimalikud [Võrguväljaanne]
Soomere, Tarmo err.ee 2021 / video [Akadeemik: Eestis pole linna minema uhtuvad üleujutused võimalikud](#)

Akadeemikud: V3 väljakutsete vanik [Võrguväljaanne]
Soomere, Tarmo; Kurnitski, Jarek; Randma-Liiv, Tiina; Vasar, Eero postimees.ee 2021
<https://leht.postimees.ee/7192307/akadeemikud-v3-valjakutsete-vanik>

Akadeemiline eetika - ülikooli jätkusuutlikkuse ja autonoomia nurgakivi
Kerikmäe, Tanel Mente et Manu 2021 / lk. 38-39 : portr [Mente et Manu 1/2021](#) https://www.ester.ee/record=b1242496*est

Akadeemiline eetika - ülikooli jätkusuutlikkuse ja autonoomia nurgakivi
Kerikmäe, Tanel taltech.ee 2021 <https://taltech.ee/uudised/akadeemiline-eetika-ulikooli-jatkusuutlikkuse-ja-autonoomia-nurgakivi>

Akadeemiline klubi
Prees, Ingrid Aastaraamat 2020 : TalTech Virumaa Kolledž 2021 / lk. 16 : fot https://www.ester.ee/record=b2666429*est
<http://data.vk.edu.ee/aastaraamat20/>

"AK.Nädal": millised on põlevkivist elektri tootmise alternatiivid? [Võrguväljaanne]

Linnart, Mart; Kundla, Rene err.ee 2021 / video ["AK.Nädal": millised on põlevkivist elektri tootmise alternatiivid?](#)

Aktiivselt juhitud investeerimisfondi valimine sarnaneb õnnemänguga [Võrguväljaanne]

Tapver, Triinu novaator.err.ee 2021 / fot [Aktiivselt juhitud investeerimisfondi valimine sarnaneb õnnemänguga](#)

Akvaariumi kolijatel tekkisid mürgistusnähud [Võrguväljaanne]

Nael, Merili err.ee 2021 ["Akvaariumi kolijatel tekkisid mürgistusnähud"](#)

Alamtöötasu määr 2022 : selgitused ja näited

Güldenkoh, Maret Palk : infoleht 2021 / lk. 10 https://www.ester.ee/record=b3004732*est

Alar Karis lubab hakata venelastega rääkima vene keeles [Võrguväljaanne]

Anvelt, Kärt; Kelomees, Herman epl.delfi.ee 2021 ["Alar Karis lubab hakata venelastega rääkima vene keeles "](#)

Alar Karise arvamused ja intervjuud Postimehes [Võrguväljaanne]

postimees.ee 2021 ["Alar Karise arvamused ja intervjuud Postimehes "](#)

Alar Konist: rohelepe ei tohiks põlevkivi välistada [Võrguväljaanne]

postimees.ee 2021 ["Alar Konist: rohelepe ei tohiks põlevkivi välistada"](#)

Algas kandideerimine programmi „Naised teaduses“ [Võrguväljaanne]

sirp.ee 2021 <https://sirp.ee/online-uudised/algas-kandideerimine-programmi-naised-teaduses-2/>

Algas kinnisvarafirma Hepsor aktsiate esmane avalik pakkumine [Võrguväljaanne]

Nael, Merili err.ee 2021 ["Algas kinnisvarafirma Hepsor aktsiate esmane avalik pakkumine "](#)

Algas ründetegevusele suunatud küberoperatsioonide õppus [Võrguväljaanne]

postimees.ee 2021 ["Algas ründetegevusele suunatud küberoperatsioonide õppus "](#)

Algas tüdrukutele mõeldud ettevõtlusprogrammi Be the Future teine programmitsükkel [Võrguväljaanne]

postimees.ee 2021 ["Algas tüdrukutele mõeldud ettevõtlusprogrammi Be the Future teine programmitsükkel"](#)

Algebraic necessary and sufficient condition for difference flatness

Kaldmäe, Arvo International Journal of Control 2021 / 8 p <https://doi.org/10.1080/00207179.2021.1908598> [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aligning Estonian and Japanese efforts in building norms in cyberspace

Osula, Anna-Maria So Far, Yet So Close : Japanese and Estonian cybersecurity : policy perspectives and cooperations : report 2021 / p. 22-29 https://icds.ee/wp-content/uploads/2021/05/ICDS_Report_So_Far_Yet_So_Close_Roigas_Jermalavicius_May_2021.pdf

Aligning the free-energy principle with Peirce's logic of science and economy of research

Beni, Majid D.; Pietarinen, Ahti-Veikko European journal for philosophy of science 2021 / art. 94, 21 p <https://doi.org/10.1007/s13194-021-00408-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An alignment-based implementation of a holistic ontology integration method

Osman, Ines; Pileggi, Salvatore Flavio; Ben Yahia, Sadok; Diallo, Gayo MethodsX 2021 / art. 101460, p. 1–29
<https://doi.org/10.1016/j.mex.2021.101460> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Alkohol nagu ka koera karvad ei ole imerohi

Liebert, Tiit Postimees 2021 / Lk. 7 ["Alkohol nagu ka koera karvad ei ole imerohi"](#)

Allan Niidu: planeet saab hakkama ka inimeseta, inimene planeedita mitte

Niidu, Allan Mente et Manu 2021 / lk. 14-19 : fot https://www.ester.ee/record=b1242496*est

Allmaalaborid - unikaalsed tootmis- ja arenduskeskused

Paat, Andrus Mente et Manu 2021 / lk. 36-37 : fot [Mente et Manu 1/2021](#) https://www.ester.ee/record=b1242496*est

Alloying of TiC-FeCr cermet in manganese vapor

Kolnes, Märt; Tarraste, Marek; Kübarsepp, Jakob; Juhani, Kristjan; Viljus, Mart IOP conference series : materials science and engineering 2021 / art. 012043 <https://doi.org/10.1088/1757-899X/1140/1/012043>

Alternative frameworks for measuring credit gaps and setting countercyclical capital buffers : [journal article]

Reigl, Nicolas Andreas; Uusküla, Lenno Journal of financial economic policy 2021 / p. 161-179 : ill <https://doi.org/10.1108/JFEP-04-2019-0070> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aluminate-based nanostructured luminescent materials : design of processing and functional properties

Rojas Hernandez, Rocio Estefania; Rubio-Marcos, Fernando; Fernandez, Jose Francisco; **Hussainova, Irina** Materials 2021 / art. 4591 <https://doi.org/10.3390/ma14164591> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Alusuuringud on aluseks edasisele tööle

Riisalu, Hella Aastaraamat 2020 : TalTech Virumaa Kolledž 2021 / lk. 80 : fot https://www.ester.ee/record=b2666429*est
<http://data.vk.edu.ee/aastaraamat20/>

Alvar Soesoo: kas Eesti on maha maganud ühe rohelise energialahenduse? [Võrguväljaanne]

Soesoo, Alvar postimees.ee 2021 ["Alvar Soesoo: kas Eesti on maha maganud ühe rohelise energialahenduse?"](#)

Alvar Soesoo: tõstkem haruldaste muldmetallide- ja väetisetööstus püünele [Võrguväljaanne]

Soesoo, Alvar postimees.ee 2021 <https://leht.postimees.ee/7199543/alvar-soesoo-tostkem-haruldaste-muldmetallide-ja-vaetisetootus-puunele>

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

Õpetajate Leht 2021 / Lk. 27

Ameerika meeleheide

Kattel, Rainer Postimees 2021 / Lk. 15 <https://dea.digar.ee/article/postimees/2021/01/12/14.8>

Ameliorating effect of nitrate on nitrite inhibition for denitrifying P-accumulating organisms

Zekker, Ivar; Mandel, Anni; Rikmann, Ergo; **Jaagura, Madis;** Salmar, Siim; Ghangrekar, Makarand Madhao; Tenno, Taavo Science of the total environment 2021 / art. 149133, 10 p. : ill <https://doi.org/10.1016/j.scitotenv.2021.149133> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Amorphous Zn(O,Se) buffer layer for Cu(In,Ga)Se₂ thin film solar cells

Abdalla, Akram; Danilson, Mati; Oueslati, Souhaib; Pilvet, Maris; Bereznev, Sergei Materials science in semiconductor processing 2021 / art. 105862 <https://doi.org/10.1016/j.mssp.2021.105862> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An electrochemical biosensor for direct detection of hepatitis C virus

Antipchik, Mariia; Korzhikova-Vlakh, Evgenia; Polyakov, Dmitry; Tarasenko, Irina; **Reut, Jekaterina;** Öpik, Andres; Söritski, Vitali Analytical Biochemistry 2021 / art. 114196 <https://doi.org/10.1016/j.ab.2021.114196> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An investigation of noncovalently bound supramolecular systems through case studies of oxacalixarenes and iodo-triazoles = Mittekovaalentsete sidemete abil moodustunud supramolekulaarsete süsteemide uurimine oksakaliksareenide ja jodotriasoolide näitel

Cowart, Anna 2021 <https://digikogu.taltech.ee/et/Item/2f3f9906-0db8-427d-9d88-165f09e3d7da> https://www.ester.ee/record=b5415281*est
<https://doi.org/10.23658/taltech.18/2021>

An overview about electronic baby monitors used in sleep medicine [Võrguteavik] : data acquisition methods and electronic sensing principles

Kala, Raul; Min, Mart 2021 https://www.ester.ee/record=b5406071*est <https://digikogu.taltech.ee/et/Item/80428984-68a6-4f6c-94d1-f901b1248618>

An SVM scheme for three-level quasi-switched boost T-type inverter with Enhanced voltage gain and capacitor voltage balance

Tran, Vinh-Thanh; Nguyen, Minh-Khai; Do, Duc-Tri; **Vinnikov, Dmitri** IEEE transactions on power electronics 2021 / p. 11499-11508
<https://doi.org/10.1109/TPEL.2021.3071011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analüüs uue puidust liginullenergiahoone kuluoptimaalsusest

Arumägi, Endrik Kõik ärikinnisvarast : [ajalehe Äripäev lisa] 2021 / Lk. 10 https://static-pdf.aripaev.ee/QddBW9e_Hq41zNz_G0UWVGUitE.pdf https://www.ester.ee/record=b5223461*est

Analysing small states in crisis: fundamental assumptions and analytical starting points

Sarapuu, Külli; Thorhallsson, Baldur; Wivel, Anders Small states and the European migrant crisis : politics and governance 2021 / p. 19-40 https://doi.org/10.1007/978-3-030-66203-5_2

Analysis of coagulation factors in fresh-frozen plasma

Pikta, Marika; Szanto, Timea; Reimal, Reelika; Muliin, P.; König, H.; Blinova, G.; Banyas, Valdas Research and Practice in Thrombosis and Haemostasis 2021 <https://abstracts.isth.org/abstract/analysis-of-coagulation-factors-in-fresh-frozen-plasma/>

Analysis of electromagnetic force ripple in a bearingless synchronous reluctance motor

Mukherjee, Victor; Rasilo, Paavo; Martin, Florian; **Belahcen, Anouar** IEEE transactions on magnetics 2021 / art. 9277612, 8 p. : ill <https://doi.org/10.1109/TMAG.2020.3041703> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An analysis of existential graphs-part 2 : beta

Bellucci, Francesco; **Pietarinen, Ahti-Veikko** Synthese 2021 / p. 7705-7726 : ill <https://doi.org/10.1007/s11229-021-03134-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analysis of grain orientation and defects in Sb₂Se₃ solar cells fabricated by close-spaced sublimation

Krautmann, Robert; Spalatu, Nicolae; Gunder, Rene; Abou-Ras, Daniel; Unold, Thomas; Schorr, Susan; **Oja Acik, Ilona; Krunks, Malle** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 17 https://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Analysis of grain orientation and defects in Sb₂Se₃ solar cells fabricated by close-spaced sublimation : [journal article]

Krautmann, Robert; Spalatu, Nicolae; Gunder, Rene; Abou-Ras, Daniel; Unold, Thomas; Schorr, Susan; **Krunks, Malle; Oja Acik, Ilona** Solar energy 2021 / p. 494-500 <https://doi.org/10.1016/j.solener.2021.07.022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analysis of the reciprocal wear testing of Aluminum AA1050 processed by a novel mechanical nanostructuring technique

Omranpour Shahreza, Babak; Kommel, Lembit; Sergejev, Fjodor; Ivanisenko, Yulia; Antonov, Maksim IOP conference series : materials science and engineering 2021 / art. 012051, 6 p. : ill <https://doi.org/10.1088/1757-899X/1140/1/012051>

Analyzing energy flexibility by demand response in a Finnish district heated apartment building

Ju, Yuchen; Jokisalo, Juha; Kosonen, Risto; Kauppi, Ville; Janßen, Philipp E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 09006, 7 p. : ill <https://doi.org/10.1051/e3sconf/202124609006> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

Analyzing power and energy flexibilities by demand response in district heated buildings in Finland and Germany

Ju, Yuchen; Jokisalo, Juha; Kosonen, Risto; Kauppi, Ville; Janßen, Philipp Science and technology for the built environment 2021 / p. 1440-1460 : ill <https://doi.org/10.1080/23744731.2021.1950434> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Andekus on kui taim, mis Halliki Põlde sõnul ise ei kasva

Tarkmeel, Anneli Meie Maa 2021 / Lk. 6, 19-20 <https://dea.digar.ee/article/meiema/2021/11/26/11.1>

Andreas Kaju: lõiketraat inimest ikkagi ei pea [Võrguväljaanne]

postimees.ee 2021 ["Andreas Kaju: lõiketraat inimest ikkagi ei pea"](#)

Andres Kraas: haridusministri määrus diskrimineerib haritlasi [Võrguväljaanne]

Kraas, Andres postimees.ee 2021 ["Andres Kraas: haridusministri määrus diskrimineerib haritlasi"](#)

Andres Nõps: "Mul ei ole suva diisliga tossutamisest" [Võrguväljaanne]

Veetla, Alice rohe.geenius.ee 2021 ["Andres Nõps: "Mul ei ole suva diisliga tossutamisest" "](#)

Andrus Karnau: mitu presidenti [Võrguväljaanne]

Karnau, Andrus postimees.ee 2021 ["Andrus Karnau: mitu presidenti "](#)

Anharmonic vibrational spectrum and experimental matrix isolation study of thioformic acid conformers-potential candidates for molecular cloud and solar system observations?

Lignell, A.; **Osadchuk, Irina**; Rasanen, M.; Lundell, J. The astrophysical journal 2021 / 7 p. : ill <https://doi.org/10.3847/1538-4357/ac06d0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Anion binding of biotinuril derivatives enhanced by silver cation

Siilak, Kristjan; Dalidovich, Tatsiana; Shalima, Tatsiana; Kudrjašova, Marina; Ustrnul, Lukas; Aav, Riina GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / p 35 https://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Anne Veski - kingiks vähemalt 65 000 roosi planeedikuuendikult

Haljand, Sven Kroonika 2021 / Lk. 1,32-34,37,38,40 : fot <https://dea.digar.ee/publication/AKkroonika>

Anne Veski: koolist tubakavabrikusse

Veski, Anne Äripäev 2021 / Lk. 5 https://www.ester.ee/record=b1071975*est

Annealing of Al-Zn-Mg-Cu alloy at high pressures : evolution of microstructure and the corrosion behavior

Suo, Chuanjun; Ma, Pan; Jia, Yandong; Liu, Xiao; Shi, Xuerong; Yu, Zhishui; **Prashanth, Konda Gokuldoss** Materials 2021 / art. 2076, 17 p. : ill <https://doi.org/10.3390/ma14082076> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Annela Anger-Kraavi: elektrihinna tõus oli suuresti etteaimatav, aga sellele ei mõeldud [Võrguväljaanne]
Aru, Erik postimees.ee 2021 ["Annela Anger-Kraavi: elektrihinna tõus oli suuresti etteaimatav, aga sellele ei mõeldud"](#)

Annetaja tutvustus: Margus Aruja : [Eesti kogukonna KESKUS International Estonian Centre rajamiseks]
Eesti Elu : [Kanada ajaleht] 2021 / lk. 4 : fot

Anomaalia

Le Tellier, Hervé 2021 https://www.ester.ee/record=b5468806*est

Anonymization methods of structured health care data : a literature review

Vovk, Olga; Piho, Gunnar; Ross, Peeter Model and Data Engineering : 10th International Conference, MEDI 2021, Tallinn, Estonia, June 21–23, 2021 : proceedings 2021 / p. 175-189 https://doi.org/10.1007/978-3-030-78428-7_14 [Conference Proceedings at Scopus](#)
[Article at Scopus](#)

Another now, another how ehk kuidas teistsuguse lähenemise kaudu jõuda teistsuguste lahendusteni?

Enn, Ülly; Kostakis, Vasileios Mihus 2021 [Another now, another how ehk kuidas teistsuguse lähenemise kaudu jõuda teistsuguste lahendusteni?](#)

Ansip looking to Aaviksoo and Madise for president [Võrguväljaanne]

Sildam, Toomas news.err.ee 2021 ["Ansip looking to Aaviksoo and Madise for president"](#)

Antarktika kliimat päästab veel vaid osooniauk

Kaup, Enn Arvamus, kultuur : [ajalehe Postimees lisa] 2021 / Lk. 6-7 : fot <https://dea.digar.ee/article/ak/2021/07/17/6.1>

Anti Kuus: maailmaparandaja ma enam ei ole, muusik küll [Võrguväljaanne]

Berends, Erki saartehaal.postimees.ee 2021 ["Anti Kuus: maailmaparandaja ma enam ei ole, muusik küll "](#)

Antibacterial activity of positively and negatively charged hematite (α -Fe₂O₃) nanoparticles to escherichia coli, staphylococcus aureus and vibrio fischeri

Vihodceva, Svetlana; Šutka, Andris; Sihtmäe, Mariliis; **Rosenberg, Merilin**; Otsus, Maarja; Kurvet, Imbi; Smits, Krisjanis; Bikse, Liga; Kahru, Anne; Kasemets, Kaja Nanomaterials 2021 / p. 1-26 <https://doi.org/10.3390/nano11030652> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Anto Raukas : 17. veebruar 1935 - 19. aprill 2021

Einasto, Rein Horisont 2021 / lk. 93 : portr https://www.ester.ee/record=b1072243*est

Anto Raukas : 17.II 1935 - 19.IV 2021

Sirp 2021 / lk. 11 <https://sirp.ee/s1-artiklid/c21-teadus/anto-raukas-17-ii-1935-19-iv-2021/>

Anto Raukas : 1935-2021 : in memoriam

Oil shale 2021 / p. 177-179 : port https://www.ester.ee/record=b1072685*est

Anto Raukas (17. II 1935-19. IV 2021) : in memoriam

Eesti Ekspress 2021 / Lk. 53 <https://dea.digar.ee/article/eestiekspress/2021/04/21/35.5>

Anto Raukas 17.02.1935–19.04.2021

Soomere, Tarmo Postimees 2021 / Lk. 5 <https://dea.digar.ee/article/postimees/2021/04/21/3.11>

ANTOV: Rongiga jõuab täpselt kohale, kuid autole peab veel parkimiskohta otsima [Võrguväljaanne]

Lepik, Sandra pealinn.ee 2021 ["ANTOV: Rongiga jõuab täpselt kohale, kuid autole peab veel parkimiskohta otsima"](#)

Ants Erm: eakad väärivad paremat [Võrguväljaanne]

Erm, Ants postimees.ee 2021 ["Ants Erm: eakad väärivad paremat"](#)

Antti Roose: kiiremini, kaugemale, roheliselt [Võrguväljaanne]

Roose, Antti postimees.ee 2021 <https://leht.postimees.ee/7161646/antti-roose-kiiremini-kaugemale-roheliselt>

Antti Roose: väärimise vastuolud uues energeetikas [Võrguväljaanne]

Roose, Antti postimees.ee 2021 ["Antti Roose: väärimise vastuolud uues energeetikas"](#)

Apolipoprotein mimetic peptides : potential new therapies for cardiovascular diseases

Wolska, Anna; **Reimund, Mart**; Sviridov, Denis O.; Amar, Marcelo J.; Remaley, Alan T. Cells 2021 / art. 597
<https://doi.org/10.3390/cells10030597>

Application of agricultural waste as heterogeneous catalysts for biodiesel production

Khan, Haris Mahmood; Iqbal, Tanveer; Yasin, Saima; Ali, Chaudhry Haider; Abbas, Muhammad Muftaba; Jamil, Muhammad Asif; **Hussain, Abrar**; Soudagar, Manzoore Elahi M.; Rahman, Muhammad Muhtur Catalysts 2021 / art. 1215, 17 p. : ill <https://doi.org/10.3390/catal11101215> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Application of cobalt-containing metal-organic framework as crystalline sponge

Martõnova, Jevgenija; Adamson, Jasper; Kaabel, Sandra; Šubin, Kirill; **Aav, Riina** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 2 https://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Application of electroencephalographic signal based measures for early detection of depression symptoms in occupational health = Elektroentsefalograafilisel signaalil põhinevate indikaatorite kasutamine depressiooni sümptomite varaseks avastamiseks töötervishoius

Põld, Toomas 2021 https://www.ester.ee/record=b5473276*est <https://digikogu.taltech.ee/et/Item/c9b2a014-84fc-4003-88a2-85836830038a> <https://doi.org/10.23658/taltech.61/2021>

Applications of airborne laser scanning for determining marine geoid and surface waves properties

Varbla, Sander; Ellmann, Artu; Delpeche-Ellmann, Nicole Camille European journal of remote sensing 2021 / p. 558–568 <https://doi.org/10.1080/22797254.2021.1981156> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Applications of the models

Danaila, Ionut; **Kaplanski, Felix**; Sazhin, Sergei Vortex Ring Models 2021 / p. 141-154 https://doi.org/10.1007/978-3-030-68150-0_7 [Article collection metrics at Scopus](#) [Article at Scopus](#)

An approach to develop a digital twin for industry 4.0 systems : manufacturing automation case studies

Guerra-Zubiaga, David; **Kuts, Vladimir; Mahmood, Kashif; Bondar, Alex**; Nasajpour-Esfahani, Navid; **Otto, Tauno** International Journal of Computer Integrated Manufacturing 2021 / p. 933-949 : ill <https://doi.org/10.1080/0951192X.2021.1946857> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Approaches and challenges in the diagnosis and management of secondary progressive multiple sclerosis : a Central Eastern European perspective from healthcare professionals

Boyko, Aleksey; Therapontos, Christina; Horakova, Dana; Szilasiova, Jarmila; Kalniņa, Jolanta; **Gross-Paju, Katrin** Multiple sclerosis and related disorders 2021 / art. 102778, 12 p. : ill <https://doi.org/10.1016/j.msard.2021.102778> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aqueous mineral carbonation of oil shale mine waste (limestone) : a feasibility study to develop a CO2 capture sorbent

Puthiya Veetil, Sanoop Kumar; Rebane, Kaarel; Yörük, Can Rüstü; Lopp, Margus; Triikkel, Andres; Hitch, Michael William Energy 2021 / art. 119895 <https://doi.org/10.1016/j.energy.2021.119895> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aqueous mineral carbonation of ultramafic material : a pre-requisite to integrate into mineral extraction and tailings management operation

Veetil, Sanoop Kumar Puthiya; Hitch, Michael William Environmental science and pollution research 2021 / p. 29096–29109 : ill <https://doi.org/10.1007/s11356-021-12481-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aravete koolinoor pälvil õpilaste teadustööde konkursil eripreemia [Võrguväljaanne]

Saarpuu, Kuido jarvateataja.postimees.ee 2021 "[Aravete koolinoor pälvil õpilaste teadustööde konkursil eripreemia](#)"

Area efficient hexadecimal divider circuit implementation based on USP-awadhoot division algorithm

Patankar, Udayan Sunil; Koel, Ants; Patankar, Sunil M.; Flores, Miguel E. IEEE International Conference on Engineering, Technology and Innovation (ICE/ITMC) 2021 / p. 1-8 <https://doi.org/10.1109/ICE/ITMC52061.2021.9570263>

Areeba : an area efficient binary huff-curve architecture

Sajid, Asher; Rashid, Muhammad; Jamal, Sajjad Shaukat; **Imran, Malik**; Alotaibi, Saud S.; Sinky, Mohammed H. Electronics (Switzerland) 2021 / art. 1490 <https://doi.org/10.3390/electronics10121490> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Areng varju ja valguse vahel [Võrguväljaanne]

Makarova, Marika tervispluss.delfi.ee 2021 "[Areng varju ja valguse vahel](#) "

Arengud tööstuses ja väljakutsed Eesti masinaehituses

Riives, Jüri Eesti Masinatööstuse Liit. TTÜ mehaanika ja tööstustehnika instituut 85 2021 / lk. 89-91 : fot

Argo Rosin, Imre Drovta: Rohepööre transpordis on utoopiline [Võrguväljaanne]

Rosin, Argo; Drovta, Imre postimees.ee 2021 "[Argo Rosin, Imre Drovta: Rohepööre transpordis on utoopiline](#)"

Argo Rosin: kas rohepööre või rohepöörasus? [Võrguväljaanne]

Rosin, Argo postimees.ee 2021 "[Argo Rosin: kas rohepööre või rohepöörasus?](#)"

Argo Rosin: kuidas kilplased seakisatööstuse abil hirme peletasid [Võrguväljaanne]
Rosin, Argo err.ee 2021 / fot [Argo Rosin: kuidas kilplased seakisatööstuse abil hirme peletasid "](#)

Argo Rosin: rohepööre, ülikool ja mängurlus [Võrguväljaanne]
Rosin, Argo err.ee 2021 ["Argo Rosin: rohepööre, ülikool ja mängurlus"](#)

Argo Rosin: tõsiroheline pööre vajab rohkem insenere [Võrguväljaanne]
Rosin, Argo aripaev.ee 2021 ["Argo Rosin: tõsiroheline pööre vajab rohkem insenere"](#)

Arhiividokumendid tõestavad: KGB nuhkis aastal 1977 üliõpilase Tarmo Soomere järel
Vahter, Tarmo Eesti Ekspress 2021 / Lk. 46-47 : fot <https://dea.digar.ee/article/eestiekspress/2021/08/11/38.1>

Arhitekt: eestlased ei ole liginullenergiamaaju veel omaks võtnud
Kald, Annika Oma Maja : Äripäeva Kuukiri 2021 / Lk. 32, 34, <https://static-pdf.aripaev.ee/01sV22yPmycbqdLsaJQ2VnDSxkk.pdf>
<https://dea.digar.ee/article/apomamaja/2021/04/29/24.1>

Arhitektuuriprofessor Jaan Kuusemets astub isa jälgedes
Linnamägi, Piret hiuleht.ee 2021 / lk. 5 : fot ["Arhitektuuriprofessor Jaan Kuusemets astub isa jälgedes"](#)
https://www.ester.ee/record=b1072230*est

Arhitektuuriteadur: ühetaolised klaashooned rikuvad linnaruumi ja keskkonda [Võrguväljaanne]
Oidermaa, Jaan-Juhan novaator.err.ee 2021 ["Arhitektuuriteadur: ühetaolised klaashooned rikuvad linnaruumi ja keskkonda"](#)

Aristokraatide talvisest meelelahutusest sadade miljonite südamesse
Luoma-Aho, Tom Erik Mente et Manu 2021 / lk. 56-57 : ill https://www.ester.ee/record=b1242496*est

Arktika ekspeditsioon kogub teadlastele väärt andmeid
Ots, Jaano Martin Postimees 2021 / Lk. 10-11 : fot <https://dea.digar.ee/article/postimees/2021/06/03/9.7>

Arktika-teemalisel ühisseminaril räägiti Eesti ja Norra teaduskoostööst [Võrguväljaanne]
goodnews.ee 2021 ["Arktika-teemalisel ühisseminaril räägiti Eesti ja Norra teaduskoostööst"](#)

Armastage, kui suudate!
Varblane, Reet; Arndt-Kalju, Margit Sirp 2021 / Lk. 10-11 <https://dea.digar.ee/article/sirp/2021/09/03/4.3>

Article 30 [Prohibition of New Customs Duties or Charges Having Equivalent Effect]
Kerikmäe, Tanel; Särav, Sandra Treaty on the Functioning of the European Union - A Commentary 2021 / p. 711-718
https://doi.org/10.1007/978-3-030-43511-0_31

Article 31 [Common Customs Tariff]
Kerikmäe, Tanel; Särav, Sandra Treaty on the Functioning of the European Union - A Commentary 2021
https://eproofing.springer.com/books_v2/mainpage.php?token=odTi5FgswcHBlhji8RlrYBWaxAw9x_0CxK-8rEWmY5Y <https://doi.org/10.1007/978-3-030-43511-0>

Article 32 [Principles for Commission Duties]
Kerikmäe, Tanel; Särav, Sandra Treaty on the Functioning of the European Union - A Commentary 2021
https://eproofing.springer.com/books_v2/mainpage.php?token=odTi5FgswcHBlhji8RlrYBWaxAw9x_0CxK-8rEWmY5Y https://doi.org/10.1007/978-3-030-43511-0_33

Article 33 [Customs Cooperation]
Kerikmäe, Tanel; Särav, Sandra; Hamulak, Ondrej Treaty on the Functioning of the European Union - A Commentary 2021 / p. 733-736 https://doi.org/10.1007/978-3-030-43511-0_34

Articulation during voice disguise: a pilot study
Tavi, Lauri; Kinnunen, Tomi; Meister, Einar; Gonzalez-Hautamäki, Rosa; Malmi, Anton Speech and Computer : 23rd International Conference, SPECOM 2021, St. Petersburg, Russia, September 27-30, 2021 : proceedings 2021 / p. 680-691
https://doi.org/10.1007/978-3-030-87802-3_61 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Artificial intelligence in the defence sector
Carlo, Antonio Modelling and Simulation for Autonomous Systems : 7th International Conference, MESAS 2020, Prague, Czech Republic, October 21, 2020, Revised Selected Papers 2021 / p. 269-278 https://doi.org/10.1007/978-3-030-70740-8_17 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

Artificial lateral line for aquatic habitat modelling: An example for Lefua echigonia
Garcia-Vega, Ana; Fuentes-Perez, Juan Francisco; Fukuda, Shinji; Kruusmaa, Maarja; Sanz-Ronda, Francisco Javier; Tuhtan,

Jeffrey Andrew Ecological Informatics 2021 / art. 101388 <https://doi.org/10.1016/j.ecoinf.2021.101388> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Arupuruarendaja Jürjo Preden: tajumatud arvutid meie ümber muudavad maailma paremaks

Preden, Jürjo-Sören *Mente et Manu* 2021 / lk. 14-19 : fot [Mente et Manu 1/2021](#) https://www.ester.ee/record=b1242496*est

ARUTELU: Millist õpetajat on vaja aastal 2021?

postimees.ee 2021 ["ARUTELU: Millist õpetajat on vaja aastal 2021?"](#)

Arvad, et su lapse klassiruum on ohutu? Arva uuesti! [Võrguväljaanne]

Lauter, Helen *geenius.ee* 2021 ["Arvad, et su lapse klassiruum on ohutu? Arva uuesti!"](#)

Arvamuslugu ei ole kirjand

Oone, Anneli *Aastaraamat* 2020 : *TalTech Virumaa Kolledž* 2021 / lk. 69 : fot https://www.ester.ee/record=b2666429*est
<http://data.vk.edu.ee/aastaraamat20/>

Arvustus. Rohkem kui ilusad portreepildid. Uurimus ja sõnum. [Võrguväljaanne]

Sauter, Peeter *kultuur.err.ee* 2021 ["Arvustus. Rohkem kui ilusad portreepildid. Uurimus ja sõnum."](#)

Arvutisüsteemide eriala on väärt valik: ülikool valmistab hästi ette ning töö on kirev ja vaheldusrikas [Võrguväljaanne]

digi.geenius.ee 2021 ["Arvutisüsteemide eriala on väärt valik: ülikool valmistab hästi ette ning töö on kirev ja vaheldusrikas"](#)

Arvutiteadlane: RIA andmebaasi fotode allalaadija võis tahta neid müüa

Einmann, Andres *Postimees* 2021 / Lk. 2 <https://dea.digar.ee/article/postimees/2021/07/29/3.3>

Asendamatud rasvhapped ja nendega kaasnevad müüdid : kas oomega-3 võrdub kalaõli?

Salm, Eliis *Vegan* 2021 / lk. 20-22 : fot https://www.ester.ee/record=b4622387*est

Asfaltkatte hindamisel variiruvad laboritulemused märkimisväärselt

Kalm, Ralf *Teeleht* 2021 / lk. 46-49 : ill https://www.ester.ee/record=b1073043*est <https://digikogu.taltech.ee/et/Item/c6505655-bdf0-4e6a-8b8f-c832c04dd5ec>

ASI Cybernetica teadusdirektor: valmistume kvantarvutitega kaasnevateks muutusteks

Kald, Indrek *ituudised.ee* 2021 ["ASI Cybernetica teadusdirektor: valmistume kvantarvutitega kaasnevateks muutusteks"](#)

Aspect-oriented Model-based testing with UPPAAL timed automata

Vain, Jüri; Tsiopoulos, Leonidas; Kanter, Gert *Model and Data Engineering : 10th International Conference, MEDI 2021, Tallinn, Estonia, June 21–23, 2021 : proceedings* 2021 / p. 117-124 https://doi.org/10.1007/978-3-030-78428-7_10 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Aspects of kerogen oxidative dissolution in subcritical water using oxygen from air

Kaldas, Kristiina; Niidu, Allan; Preegel, Gert; Uustalu, Jaan Mihkel; Muldma, Kati; Lopp, Margus *Oil shale* 2021 / p. 199-214 : ill <https://doi.org/10.3176/oil.2021.3.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aspects on the International Commission on Non-Ionizing Radiation Protection (ICNIRP) 2020 Guidelines on Radiofrequency Radiation

Hardell, Lennart; Nilsson, Mona; **Koppel, Tarmo; Carlberg, Michael** *Journal of Cancer Science and Clinical Therapeutics* 2021 / p. 250-285 <https://doi.org/10.26502/jcsct.5079117>

Assembling sustainable smart city transitions : an interdisciplinary theoretical perspective

Mora, Luca; Deakin, Mark; Zhang, Xiaoling; Batty, Michael; de Jong, Martin; Santi, Paolo; Appio, Francesco Paolo *Journal of urban technology* 2021 / p. 1-27 <https://doi.org/10.1080/10630732.2020.1834831> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assertion, conjunction, and other signs of logic : a contribution to the philosophy of notation

Bellucci, Francesco; **Chiffi, Daniele; Pietarinen, Ahti-Veikko** *Transactions of the Charles S. Peirce Society : a quarterly journal in American philosophy* 2021 / p. 270-287 <https://doi.org/10.2979/trancharpeirsoc.57.2.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assessing energy generation and consumption patterns in times of crisis : COVID-19 as a case study

Ofir, Ron; Zargari, Noa; Levron, Yoash; **Belikov, Juri** *IEEE Madrid PowerTech* 2021 / 6 l <https://doi.org/10.1109/PowerTech46648.2021.9494753>

Assessing the potential of participatory modeling for decolonial restoration of an agro-pastoral system in rural zimbabwe

Eitzel, M.V.; Solera, Jon; Hove, Emmanuel Mhike; Wilson, K.B.; Ndlovu, Abraham Mawere; Ndlovu, Daniel; Changarara, Abraham; Ndlovu, Alice; Neves, Kleber; **Veski, André** *Citizen science : theory and practice* 2021 / 16 p. : ill <https://doi.org/10.5334/cstp.339>

Assessment of associations between arterial mechanical properties and biochemical blood markers for early detection of atherosclerosis

Kööts, Kristina; Pilt, Kristjan; Sepa, Madis; Pikta, Marika; Fridolin, Ivo; Meigas, Kalju; Viigimaa, Margus 8th European Medical and Biological Engineering Conference : proceedings of the EMBEC 2020, November 29 – December 3, 2020 Portorož, Slovenia 2021 / p. 121-129 https://doi.org/10.1007/978-3-030-64610-3_15 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Assessment of downward draught in high-glazing facades in cold climates – experimental and CFD study into draught control with a 21-type radiator

Võsa, Karl-Villem; Ferrantelli, Andrea; Kurnitski, Jarek E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 02002, 8 p. : ill <https://doi.org/10.1051/e3sconf/202124602002> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Assessment of electroencephalographic measures applied in the detection of depression = Depressiooni avastamiseks kasutatavate elektroentsefalograafilise signaali mõõdikute analüüs

Päeske, Laura 2021 https://www.ester.ee/record=b5411747*est <https://digikogu.taltech.ee/et/Item/44751b09-b47f-4757-847f-dd0f1d39b91b> <https://doi.org/10.23658/taltech.17/2021>

Assessment of malicious tweets impact on stock market prices

Ishikawa, Tatsuki; Ben Sassi, Imen; Ben Yahia, Sadok Research Challenges in Information Science : 15th International Conference, RCIS 2021, Limassol, Cyprus, May 11–14, 2021 : proceedings 2021 / p. 330–346 https://doi.org/10.1007/978-3-030-75018-3_22 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Assessment of moisture and mould of hempcrete and straw panels

Raamets, Jane; Lokko, Laura; Ruus, Aime; Kalamees, Targo; Muoni, Karin Journal of physics : conference series 2021 / art. 012194, p. 1-3 <https://doi.org/10.1088/1742-6596/2069/1/012194> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Assessment of the von Willebrand factor multimers profile in patients referred for bleeding tendency evaluation in Estonia : a preliminary report of the von Willebrand disease diagnostics project

Pikta, Marika; Saks, Kadri; Varik, Mirja; Hytti, Maria; Ilves, Kreete; Ross, Mariken International journal of medical laboratory research 2021 / p. 17-27 : ill <https://doi.org/10.35503/IJMLR.2021.6103>

Astu läbi: TalTechi IT-teaduskond kutsub 26. aprillil virtuaalsele avatud uste päevale [Võrguväljaanne]

digi.geenius.ee 2021 ["Astu läbi: TalTechi IT-teaduskond kutsub 26. aprillil virtuaalsele avatud uste päevale"](https://www.ester.ee/record=b5459027*est)

Asymmetric chemoenzymatic one-pot synthesis of α -Hydroxy half-esters

Murre, Aleksandra; Erkman, Kristin; Järving, Ivar; Kanger, Tõnis ACS Omega 2021 / p. 20686-20698 : ill <https://doi.org/10.1021/acsomega.1c02973> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric organocatalytic [2,3]-Wittig rearrangement = Asümmeetriline organokatalüütiline [2,3]-Wittigi ümberasetusreaktsioon

Kimm, Mariliis 2021 https://www.ester.ee/record=b5459027*est <https://digikogu.taltech.ee/et/Item/0cf615b8-e406-4531-905b-b97bd1daed83> <https://doi.org/10.23658/taltech.45/2021>

Asymmetric organocatalytic [2,3]-Wittig rearrangement of cyclohexanone derivatives

Kimm, Mariliis; Järving, Ivar; Ošeka, Maksim; Kanger, Tõnis European journal of organic chemistry 2021 / p. 3113–3120 : ill <https://doi.org/10.1002/ejoc.202100435> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric organocatalytic [2,3]-Wittig rearrangement of cyclohexanone derivatives

Kimm, Mariliis; Ošeka, Maksim; Kanger, Tõnis GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 41 https://fmdtk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Aterogeensete lipoproteiinide määramine Euroopa uusimate soovituste alusel

Serg, Martin; Zemtsovskaja, Galina; Viigimaa, Margus Eesti Arst 2021 / lk. 295-299 : ill http://www.ester.ee/record=b1072028*est <https://ojs.utlib.ee/index.php/EA/article/view/17432>

Attribute-based encryption for named data networking

Lenin, Aleksandr; Laud, Peeter ICN '21 : Proceedings of the 8th ACM Conference on Information-Centric Networking 2021 / p. 118–120 <https://doi.org/10.1145/3460417.3483371>

Atypical phase-change alloy Ga₂Te₃ : atomic structure, incipient nanotectonic nuclei, multilevel writing

Tverjanovich, Andrey; Khomenko, Maksym; Benmore, Chris; Bereznev, Sergei; Sokolov, Anton; Fontanari, Daniele; Kiselev, Aleksei; Lotin, Andrey; Bychkov, Eugene Journal of materials chemistry C 2021 / p. 17019-17032 <https://doi.org/10.1039/d1tc03850h> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Augmented reality interface for industrial robot control and teleoperation

Ordile, Laura; Bondarenko, Yevhen; Pizzagalli, Simone Luca; Kuts, Vladimir; Otto, Tauno EuroXR 2021: Proceedings of the Virtual EuroXR Conference 2021 / p. 15-19 <https://sarjweb.vtt.fi/pdf/technology/2021/T395.pdf> <https://doi.org/10.32040/2242-122X.2021.T395>

Ausblick : Quo vadis Ethohydraulik – welche Entwicklungen gibt es?

Lehmann, Boris; Bensing, Katharina; Adam, Beate; Schwevers, Ulrich; **Tuhtan, Jeffrey Andrew** Ethohydraulik : Eine Methode für naturverträglichen Wasserbau 2021 / S. 45-59 https://doi.org/10.1007/978-3-658-32824-5_4

Author Correction : DOME : recommendations for supervised machine learning validation in biology

Walsh, Ian; Fishman, Dmytro; Garcia-Gasulla, Dario; **Titma, Tiina**; Pollastri, Gianluca Nature methods 2021 / p. 1409–1410 : ill <https://doi.org/10.1038/s41592-021-01304-2> [Journal metrics at Scopus](#) [Article at Scopus](#)

An automated configuration framework for TSN networks

Houtan, Bahar; Bergström, Albert; Ashjaei, Mohammad; **Daneshtalab, Masoud**; Sjödin, Mikael; Mubeen, Saad 2021 22nd IEEE International Conference on Industrial Technology (ICIT) : proceedings 2021 / p. 771-778 <https://doi.org/10.1109/ICIT46573.2021.9453628>

Automatic calibration module for an urban drainage system model

Anus, Ivar; Vassiljev, Anatoli; Kändler, Nils; Kaur, Katrin Water 2021 / art. 1419 <https://doi.org/10.3390/w13101419> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Automatic detection of real and imaginary parts of electrical impedance with single synchronous demodulation channel

Anus, Paul; Priidel, Eiko; Land, Raul; Metshein, Margus; Krivošei, Andrei; Min, Mart; Ratassepp, Madis; Märten, Olev 8th European Medical and Biological Engineering Conference : Proceedings of the EMBEC 2020, November 29 - December 3, 2020 Portorož, Slovenia 2021 / p. 151-157 https://doi.org/10.1007/978-3-030-64610-3_18 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Automatic tolerance analysis of permanent magnet machines with encapsulated FEM Models using Digital-Twin-Distiller

Orosz, Tamas; Gadó, Krisztián; Katona, Mihály; **Rassölkin, Anton** Processes 2021 / art. 2077, p. 1-15 : ill <https://doi.org/10.3390/pr9112077> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Automating defences against cyber operations in computer networks = Arvutivõrkude kaitse automatiseerimine küberoperatsioonide vastu

Pihelgas, Mauno 2021 <https://doi.org/10.23658/taltech.36/2021> https://www.ester.ee/record=b5449710*est <https://digikogu.taltech.ee/et/Item/beb3e841-9c6e-4496-a73a-17148bc941ef>

Autonomous cyber defence capabilities

Tammet, Tanel Autonomous cyber capabilities under international law 2021 / p. 36-50 https://www.ester.ee/record=b5395402*est

Autonomous driving in the real-world : the weather challenge in the Sohjoa Baltic Project

Bellone, Mauro; Ismailogullari, Azat; **Müür, Jaanus**; Nissin, Oscar; **Sell, Raivo**; **Soe, Ralf-Martin** Towards connected and autonomous vehicle highways : technical, security and social challenges 2021 / p. 229–255 https://doi.org/10.1007/978-3-030-66042-0_9 [Article collection metrics at Scopus](#) [Article at Scopus](#)

Autonomous vehicle safety evaluation through a high-fidelity simulation approach

Malayerdi, Mohsen; Baykara, Baris Cem; Sell, Raivo; Malayerdi, Ehsan Proceedings of the Estonian Academy of Sciences 2021 / p. 413-421 : ill <https://doi.org/10.3176/proc.2021.4.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Autonomous vehicle shuttle in Smart City testbed

Sell, Raivo; Soe, Ralf-Martin; Wang, Ruxin; Rassölkin, Anton Intelligent System Solutions for Auto Mobility and Beyond : Advanced Microsystems for Automotive Applications 2020 2021 / p. 143–157 https://doi.org/10.1007/978-3-030-65871-7_11

Autonoomne buss sattus Helsingis õnnetusse [Võrguväljaanne]

Postimees 2021 / Lk. 11 ["Autonoomne buss sattus Helsingis õnnetusse"](#)

Autotekilt alumistele tekkidele viivad ukсед on kinni

Postimees 2021 / Lk. 2 : fot <https://dea.digar.ee/article/postimees/2021/09/28/3.2>

Auve Tech arendab juhivaba sõidukit

Kangur, Paavo Director. Inseneeria 2021 / lk. 68-72 : fot https://www.ester.ee/record=b1519314*est <https://director.ee/2020/12/26/auve-tech-arendab-juhivaba-soidukit/>

Avalöögi orienteerumine juhatab rebased otse tudengiellu

Mölder, Engel-Mari; Kuusemets, Kristiina Mente et Manu 2021 / lk. 60-61 : fot

Avatud uste päevad kolisid internetti

Kalder, Sten Mente et Manu 2021 / lk. 39-41 : fot [Mente et Manu 2/2021](#)

Ave Tarend: Metstare talust metsade keskelt iludusvõistluse tippu!

Võrumaa Teataja 2021 / Lk. 1, 9 https://www.ester.ee/record=b1073246*est

BAKTER, MIS SUUDAB TEKITADA VÄHKI: Eestis on sellega nakatunud üle poole inimestest [Võrguväljaanne]

Maasikamäe, Sirje ohtuleht.ee 2021 "[BAKTER, MIS SUUDAB TEKITADA VÄHKI: Eestis on sellega nakatunud üle poole inimestest](#)"

Balti aktsiaturgudel on eriline side ainult Rootsiga

Mente et Manu 2021 / lk. 12 : fot https://www.ester.ee/record=b1242496*est

Balti aktsiaturgudel on eriline side ainult Rootsiga [Võrguväljaanne]

Harkmann, Kersti finantsuudised.ee 2021 "[Balti aktsiaturgudel on eriline side ainult Rootsiga](#) "

Balti ateroskleroosikongressil käsitleti süvitsi perekondlikku hüperlipideemiat ja 2. tüüpi diabeeti [Võrguväljaanne]

Piibeman, Eva-Liisa med24.ee 2021 "[Balti ateroskleroosikongressil käsitleti süvitsi perekondlikku hüperlipideemiat ja 2. tüüpi diabeeti](#)"

Balti liiga jätkub: TÜ/Bigbank alistas Jelgava ja pääses poolfinaali [Võrguväljaanne]

tartupostimees.ee 2021 "[Balti liiga jätkub: TÜ/Bigbank alistas Jelgava ja pääses poolfinaali](#)"

Balti riigid bioteaduste sektori eesotsas: „Life Sciences Baltics 2021“ [Võrguväljaanne]

postimees.ee 2021

Baltic Sea Remote Sensing

2021 https://www.mdpi.com/journal/remotesensing/special_issues/Baltic_RS#info

Baltikumi aktsiaturgude tulevase liikumise on võimalik ette ennustada: vihje pakub Stockholmi börs [Võrguväljaanne]

Mäe, Indrek 2021 "[Baltikumi aktsiaturgude tulevase liikumise on võimalik ette ennustada: vihje pakub Stockholmi börs](#)"

Baltikumi esimese päikeseauto meisterdanud tudengid näitasid, et neil pole suva [Võrguväljaanne]

Ludvig, Liina tartupostimees.ee 2021 "[Baltikumi esimese päikeseauto meisterdanud tudengid näitasid, et neil pole suva](#)"

Bearing fault analysis of BLDC motor intended for electric scooter application

Kudelina, Karolina; Asad, Bilal; Vaimann, Toomas; Rassõlkin, Anton; Kallaste, Ants 2021 IEEE 13th International Symposium on Diagnostics for Electrical Machines, Power Electronics and Drives (SDEMPED) 2021 / p. 427-432

<https://doi.org/10.1109/SDEMPED51010.2021.9605519>

Beispiele aus der Praxis : Ethohydraulische Befunde - was bedeutet das?

Lehmann, Boris; Bensing, Katharina; Adam, Beate; Schwevers, Ulrich; **Tuhtan, Jeffrey Andrew** Ethohydraulik : Eine Methode für naturverträglichen Wasserbau 2021 / S. 23-43 https://doi.org/10.1007/978-3-658-32824-5_3

Benchmark of methods for annual glare risk assessment

Sepulveda Luque, Abel; Bueno, Bruno; Wang, Taoning; Wilson, Helen Rose Building and environment 2021 / art. 108006

<https://doi.org/10.1016/j.buildenv.2021.108006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Benchmarking plant diversity of Palaearctic grasslands and other open habitats

Reitalu, Triin; Pärtel, Meelis; Helm, Aveliina; Ingerpuu, Nele Journal of vegetation science 2021 / art. ARTN e13050, 21 p. : ill

<https://doi.org/10.1111/jvs.13050> [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 Complex Systems 2021 / p. 133 - 158 <https://doi.org/10.25088/COMPLEXSYSTEMS.30.2.133>

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

BEST-Estonia

Studioosus 2021 / lk. 26 : fot https://www.ester.ee/record=b1558644*est

BESTx

Pihlak, Anneli Studioosus 2021 / lk. 32 : fot https://www.ester.ee/record=b1558644*est

Beta assertive graphs : proofs of assertions with quantification

Bellucci, Francesco; **Chiffi, Daniele; Pietarinen, Anti-Veikko** Journal of applied logics : IfCoLog journal of logics and their

applications 2021 / 23 p. : ill <https://www.collegepublications.co.uk/downloads/ifcolog00044.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Betoonist ja kulumisest : betoontee katselõik viis aastat hiljem

Kendra, Ain Ehitaja 2021 / lk. 30-32 : fot https://www.ester.ee/record=b1072123*est

Betoonist ja selle kulumisest

Kendra, Ain Transport ja Teed 2021 / lk. 29-30 http://www.ester.ee/record=b1073099*est

Betoonist teed ei ole liigne luksus, vaid arukas kokkuvõide

Vill, Ants Postimees 2021 / Lk. 12 : ill <https://dea.digar.ee/article/postimees/2021/01/13/10.5>

Betoonist teed ei ole liigne luksus, vaid arukas kokkuvõide [Võrguväljaanne]

Vill, Ants Postimees 2021 "Betoonist teed" <https://dea.digar.ee/article/postimees/2021/01/13/10.5>

Betooniühing andis välja uustruki raamatust «Betoonkonstruktsioonide arvutamine» [Võrguväljaanne]

postimees.ee 2021 "Betooniühing andis välja uustruki raamatust «Betoonkonstruktsioonide arvutamine» "

Betooniühing kuulutas välja 2021. aasta üliõpilastööde võistluse

EhitusEST 2021 / lk. 17 : fot https://www.ester.ee/record=b4442657*est <https://ehitusest.ee/uudis/2021/03/02/betooniuhing-kuulutas-valja-2021-aasta-uliopilastoodo-voistluse/>

Betooniühing kuulutas välja 2021. aasta üliõpilastööde võistluse

Ehitaja 2021 / lk. 12 : fot https://www.ester.ee/record=b1072123*est

Betooniühing kuulutas välja üliõpilastööde võistluse [Võrguväljaanne]

ehitusuudised.ee 2021 "Betooniühing kuulutas välja üliõpilastööde võistluse"

Betooniühingu Uudised

Ehitaja 2021 / lk. 6 : fot https://www.ester.ee/record=b1072123*est <https://digikogu.taltech.ee/et/Item/052d6fd3-5bf3-4814-909b-c0a260461195> <https://digikogu.taltech.ee/et/Item/3e7a4513-8485-4b8b-920d-aa8b72ad9333>

Betooniühingu uus juht: «Me ei ole nii rikkad, et loobuda betoonist!»

Kolk, Mariliis; Strandberg, Marek Postimees 2021 / Lk. 11 <https://dea.digar.ee/article/postimees/2021/06/14/11.1>

Bialgebraic foundations for the operational semantics of string diagrams

Bonchi, Filippo; Piedeleu, Robin; Sobocinski, Pawel Maria; Zanasi, Fabio Information and computation 2021 / art. 104767, 22 p <https://doi.org/10.1016/j.ic.2021.104767> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bifunctional multi-metallic nitrogen-doped nanocarbon catalysts derived from 5-methylresorcinol

Kisand, Kaarel; Sarapuu, Ave; Kikas, Arvo; Kisand, Vambola; Rähn, Mihkel; Treshchalov, Alexey; Käär, Maike; Piirsoo, Helle-Mai; Aruväli, Jaan; Paiste, Päärn Electrochemistry communications 2021 / art. 106932 <https://doi.org/10.1016/j.elecom.2021.106932> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Big data analytics in association rule mining : a systematic literature review

Shahin, Mahtab; Arakkal Peious, Sijo; Sharma, Rahul; Kaushik, Minakshi; Ben Yahia, Sadok; Shah, Syed Attique; Draheim, Dirk BDET 2021: 2021 the 3rd International Conference on Big Data Engineering and Technology (BDET) : proceedings 2021 / p. 40-49 <https://doi.org/10.1145/3474944.3474951> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Big data ja tehnoloogiahiid: kes lõpuks andmeid haldab? [Võrguväljaanne]

digi.geenius.ee 2021 "Big data ja tehnoloogiahiid: kes lõpuks andmeid haldab"

Binding between cyclohexanohemicucurbit[n]urils and polar organic guests

Ustrnul, Lukas; Burankova, Tatsiana; Ören, Mario; Juhhimenko, Kristina; Ilmarinen, Jenni; Siilak, Kristjan; Mishra, Kamini Atindrakumar; Aav, Riina Frontiers in chemistry 2021 / art. 701028 <https://doi.org/10.3389/fchem.2021.701028> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bioactive ceramic scaffolds for bone tissue engineering by powder bed selective laser processing : a review

Kamboj, Nikhil Kumar; Ressler, Antonia; Hussainova, Irina Materials 2021 / art. 5338 <https://doi.org/10.3390/ma14185338> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biodegradability of deep eutectic solvents in treatment of pomace fruits

Usmani, Zeba; Husanu, Elena; Gathergood, Nicholas; Guazzelli, Lorenzo; Pomelli, Christian; Karpichev, Yevgen 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 156

Biodigitaalsete muutuste lainel = Driving the biodigital transition

Valk-Siska, Veronika Maja : Eesti arhitektuuri ajakiri = Estonian architectural review 2021 / lk. 82-87 : ill https://www.ester.ee/record=b1072550*est <https://ajakirimaja.ee/veronika-alk-siska-biodigitaalsete-muutuste-lainetel/>

Bioimpedance and spectroscopy

2021 <https://doi.org/10.1016/C2018-0-04440-0>

Biological activity and physicochemical properties of chitosan film cross-linked with chestnut extract for active food packaging applications = Kastani ekstraktiga seotud kitosaankilede bioloogiline aktiivsus, füüsikalise-keemilised omadused ning rakendatavus toidupakendina

Kõrge, Kristi 2021 https://www.ester.ee/record=b5435476*est <https://digikogu.taltech.ee/et/Item/88d05471-4a1d-42b5-b822-cd7c38a1eb39>
<https://doi.org/10.23658/taltech.31/2021>

Biological nanofactories : using living forms for metal nanoparticle synthesis

Srivastava, Shilpi; **Usmani, Zeba**; Atanasov, Atanas G.; Singh, Vinod Kumar; Singh, Nagendra Pratap; Abdel-Azeem, Ahmed M. Mini-Reviews in Medicinal Chemistry 2021 / p. 245 - 265 <https://doi.org/10.2174/1389557520999201116163012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biomass-derived graphene-like catalyst material for oxygen reduction reaction

Kaare, Kätlin; Yu, Eric; Käämbre, Tanel; Volperts, Aleksandrs; Dobeles, Galina; Zhurinsh, Aivars; Niaura, Gediminas; Tamasauskaitė-Tamasiunaite, Loreta; Norkus, Eugenijus; Kruusenberg, Ivar ChemNanoMat 2021 <https://doi.org/10.1002/cnma.202000615>

Biomechanical Features of Graphene-Augmented Inorganic Nanofibrous Scaffolds and Their Physical Interaction with Viruse

Gasik, Michael; **Ivanov, Roman**; Kazantseva, Jekaterina; Bilotsky, Yevgen; **Hussainova, Irina** Materials 2021 / art. 164
<https://doi.org/10.3390/ma14010164> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biomorphic porous Ti6Al4V gyroid scaffolds for bone implant applications fabricated by selective laser melting

Hameed, Pearlin; Liu, Chia-Fei; Ummethala, Raghunandan; Singh, Neera; Huang, Her-Hsiung; Manivasagam, Geetha; **Prashanth, Konda Gokuldoss** Progress in additive manufacturing 2021 / p. 455–469 : ill <https://doi.org/10.1007/s40964-021-00210-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bioprocessing of waste biomass for sustainable product development and minimizing environmental impact

Usmani, Zeba; Sharma, Minaxi; Awasthi, Abhishek Kumar; Sivakumar, Nallusamy; **Lukk, Tiit** Bioresource technology 2021 / art. 124548, 12 p. : ill <https://doi.org/10.1016/j.biortech.2020.124548> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bioremediation of lindane contaminated soil: Exploring the potential of Actinobacterial strains

Usmani, Zeba; Kulp, Maria; **Lukk, Tiit** Chemosphere 2021 / art. 130468, 12 p. : ill <https://doi.org/10.1016/j.chemosphere.2021.130468> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biosafe sustainable antimicrobial encapsulation and coatings for targeted treatment and infections prevention: Preparation for another pandemic

Usmani, Zeba; **Lukk, Tiit**; Mohanachandran, Dileep Kumar Current Research in Green and Sustainable Chemistry 2021 / art. 100074 <https://doi.org/10.1016/j.crgsc.2021.100074> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Birgy Lorenz: tüdrukute osalus koolide IT-tegevustes seisab mõraneval jääl [Võrguväljaanne]

Lorenz, Birgy err.ee 2021 "[Birgy Lorenz: tüdrukute osalus koolide IT-tegevustes seisab mõraneval jääl](#)"

Birute Klaas-Lang: rahvusvaheline eestikeelne ülikool – eesmärk või utoopia? [Võrguväljaanne]

Klaas-Lang, Birute postimees.ee 2021 "[Birute Klaas-Lang: rahvusvaheline eestikeelne ülikool – eesmärk või utoopia?](#)"

Bivariate stochastic model of current harmonic analysis in the low voltage distribution grid

Iqbal, Muhammad Naveed; Kütt, Lauri; Daniel, Kamran; Jarkovoi, Marek; Asad, Bilal; Shabbir, Noman Proceedings of the Estonian Academy of Sciences 2021 / p. 190–206 : ill <https://doi.org/10.3176/proc.2021.2.08> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Black-box assessment of optical spectrum services

Kaaval, Kaida; Elbers, Jörg-Peter; Grobe, Klaus; Tikas, Marko; Fehenberger, Tobias; Griesser, Helmut; **Jervan, Gert** 2021 Optical Fiber Communications Conference and Exhibition (OFC) : 6-10 June 2021 : San Francisco, CA, USA 2021 / 3 p
<https://ieeexplore.ieee.org/document/9489700>

Blockchain-based solution for supply chain traceability: the case of SmartLog Project

Pilvik, Riivo; **Kõrbe Kaare, Kati**; **Koppel, Ott** 2021 9th International Conference on Traffic and Logistic Engineering (ICTLE) 2021 / p. 57-63 <https://doi.org/10.1109/ICTLE53360.2021.9525749>

BLT+L : efficient signatures from timestamping and endorsements

Firsov, Denis; **Lakk, Henri**; **Laur, Sven**; **Truu, Ahto** Proceedings of the 18th International Conference on Security and Cryptography - SECRIPT. Vol. 1 2021 / p. 75-86 <https://doi.org/10.5220/0010530000750086>

Bodyfitnessi 24-aastane täht Tiia Kaare: söön viis korda päeval ja kaks korda öösel [Võrguväljaanne]

Trumsi, Getter elu24.ee 2021 ["Bodyfitnessi 24-aastane täht Tiia Kaare: söön viis korda päeval ja kaks korda öösel"](#)

Bolt rajas Tallinnasse tõukerataste laadimisdokid [Võrguväljaanne]

postimees.ee 2021 ["Bolt rajas Tallinnasse tõukerataste laadimisdokid "](#)

Boolean automata and atoms of regular languages

Tamm, Hellis 46th International Symposium on Mathematical Foundations of Computer Science, MFCS 2021, August 23-27, 2021, Tallinn, Estonia : proceedings 2021 / art. 86, p. 86:1–86:13 <https://doi.org/10.4230/LIPIcs.MFCS.2021.86> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Boundary Mittag-Leffler stabilization of coupled time fractional order reaction–advection–diffusion systems with non-constant coefficients

Chen, Juan; **Tepļakov, Aleksei; Petlenkov, Eduard**; Chen, YangQuan; Zhuang, Bo Systems & control letters 2021 / art. 104875 <https://doi.org/10.1016/j.sysconle.2021.104875> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The breaking of symmetry leads to chirality in cucurbituril-type hosts : [the article in collection]

Aav, Riina; Mishra, Kamini Atindrakumar Chiral Auxiliaries and Chirogenesis 2021 / p. 1-26 : ill <https://doi.org/10.3390/books978-3-0365-1017-0> <https://doi.org/10.3390/sym10040098>

Bridging barriers in sustainability research: A review from sustainability science to life cycle sustainability assessment

Troullaki, Katerina; Rozakis, Stelios; **Kostakis, Vasileios** Ecological economics 2021 / art. 107007, 12 p. : ill <https://doi.org/10.1016/j.ecolecon.2021.107007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bridging research on probiotics and their applications in non-dairy food and beverages

Wozniak, Joanna; **Nisamedtinov, Ildar** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 51

Brit Koppel: miks ootame õpetajate puuduse jätkumist, käed rüpes? [Võrguväljaanne]

Koppel, Brit maaleht.ee 2021 ["Brit Koppel: miks ootame õpetajate puuduse jätkumist, käed rüpes?"](#)

Broad-band photoluminescence of donor-acceptor pairs in tetrahedrite Cu₁₀Cd₂Sb₄S₁₃ microcrystals

Krustok, Jüri; Raadik, Taavi; Kaupmees, Reelika; Ghisani, Fairouz; Timmo, Kristi; Altosaar, Mare; Mikli, Valdek; Grossberg, Maarja Journal of physics D: applied physics 2021 / art. 105102, 7 p. : ill <https://doi.org/10.1088/1361-6463/abce29> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bruckstein, A. M.; Ezerman, M. F.; Fahreza, A. A.; Ling, S. Patch-based holographic image sensing : [review]

Henno, Jaak Zentralblatt MATH 2021 / 1 p <https://zbmath.org/?q=an%3A1437.62698>

Bruno Tombergi panus Eesti tarbekunsti ja disaini on hindamatu [Võrguväljaanne]

postimees.ee 2021 <https://leht.postimees.ee/7164130/bruno-tombergi-panus-eesti-tarbekunsti-ja-disaini-on-hindamatu>

The BSUIN project

Jędrzejczak, Karol; Dębicki, Zdzisław; Kasztelan, M.; Marszał, Włodzimierz; Orzechowski, Jerzy; Przybylak, Marika; Tokarski, Przemysław; Jalaś, Panu; Isoherranen, Ville; **Karu, Veiko; Paat, Andrus** 36th International Cosmic Ray Conference (ICRC2019) - DM - Dark Matter 2021 / art. 523 <https://pos.sissa.it/358/523/> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Budded baculoviruses as a receptor display system to quantify ligand binding with TIRF microscopy

Laasfeld, Tõnis; **Ehrminger, Robin**; Tahk, Maris-Johanna; Veiksina, Santa; Kõlvart, Karl Rene; **Min, Mart**; Kopanchuk, Sergei; Rinken, Ago Nanoscale 2021 / p. 2436 - 2447 <https://doi.org/10.1039/d0nr06737g> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Budgetary responses to the COVID-19 pandemic in Estonia

Raudla, Ringa Baltic Rim Economies Review 2021 / art. 2987 <https://sites.utu.fi/bre/budgetary-responses-to-the-covid-19-pandemic-in-estonia/>

Building information modelling (BIM) - enabled construction education : teaching project cash flow concepts

Olowa, Theophilus Oluwarotimi Olatunde; Witt, Emlyn David Qivitoq; Lill, Irene International Journal of Construction Management 2021 / p. 1494-1505 : ill <https://doi.org/10.1080/15623599.2021.1979300> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Building morphology influence on outdoor comfort in urban environments. An analysis through machine learning

Eslamirad, Nasim; De Luca, Francesco; Lylykangas, Kimmo Sakari Proceedings of the 12th Annual Symposium on Simulation for Architecture and Urban Design 2021 <http://www.simaud.org/2021/program.php>

Building performance indicators and IEQ assessment procedure for the next generation of EPC-s

Võsa, Karl-Villem; Ferrantelli, Andrea; Tzanev, Dragomir; Simeonov, Kamen; Carnero, Pablo; Espigares, Carlos; Navarro Escudero, Miriam; Quiles, Pedro Vicente; Andrieu, Thibault; Battezzati, Florian; Kurnitski, Jarek E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 13003, 9 p <https://doi.org/10.1051/e3sconf/202124613003> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Business models of FinTechs – Difference in similarity?

Laidroo, Laivi; Koroleva, Ekaterina; Kliber, Agata; Rupeika-Apoga, Ramona; Grigaliuniene, Zana Electronic commerce research and applications 2021 / art. 101034, 14 p <https://doi.org/10.1016/j.elerap.2021.101034> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Börsipsühholoogia ja -matemaatika delikatess

Vaarmets, Tarvo Äripäev 2021 / Lk. 24 <https://dea.digar.ee/article/aripaev/2021/11/04/27.2>

A cache-based approach toward improved scheduling in fog computing

Khan, Osama Amir; Malik, Saif Ur Rehman; Baig, Faizan M.; Islam, Saif Ul; Pervaiz, Haris; **Malik, Hassan;** Ahmed, Syed Hassan Software - Practice and Experience 2021 / p. 2360 - 2372 <https://doi.org/10.1002/spe.2824> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Calculations of activation energy and frequency factors for corn leafs pyrolysis using excel solver: new concept

Al-Ayed, Omar Salim; Amer, Mohammad Waleed; **Maaten, Birgit;** Ahmed, Muhammad Sajjad International journal of chemical reactor engineering 2021 / p. 799–807 <https://doi.org/10.1515/ijcre-2020-0140> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Calorimetric assay reveals the importance of substrate choice for determination of lipoprotein lipase activity

Risti, Robert; Villo, Ly; Löökene, Aivar Atherosclerosis 2021 / p. e122 <https://doi.org/10.1016/j.atherosclerosis.2021.06.361> [Journal metrics at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Campulse toob ülikooli energiaandmed kokku

Agabus, Hannes Mente et Manu 2021 / lk. 32 : ill [Mente et Manu 2/2021](#)

Can 3D printing bring droplet microfluidics to every lab? - A systematic review

Gyimah, Nafisat; Scheler, Ott; Rang, Toomas; Pardy, Tamas Micromachines 2021 / art. 339 <https://doi.org/10.3390/mi12030339> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Can communities produce complex technology? Looking into space for insight

Lemos, Lucas; Giotitsas, Christos Bulletin of science, technology & society 2021 / p. 35-46 <https://doi.org/10.1177/02704676211041900> [Journal metrics at Scopus](#) [Article at Scopus](#)

Can peer production democratize technology and society? A critical review of the critiques

Kostakis, Vasileios; Vragoteris, Vangelis; **Acharja, Indra Lal** Futures 2021 / art. 102760 <https://doi.org/10.1016/j.futures.2021.102760> <https://zenodo.org/record/5171956> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cannulation technique and complications in arteriovenous fistulas : a Swedish Renal Registry-based cohort study

Staafl, Karin; Fernström, Anders; **Uhlén, Nils Fredrik Arne** BMC Nephrology 2021 / art. 256 <https://doi.org/10.1186/s12882-021-02458-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A canonical algebra of open transition systems

Di Lavore, Elena; **Gianola, Alessandro; Roman Garcia, Mario;** Sabadini, Nicoletta; **Sobocinski, Pawel Maria** Formal aspects of component software : 17th International Conference, FACS 2021, Virtual Event, October 28-29, 2021 : proceedings 2021 / p. 63-81 https://doi.org/10.1007/978-3-030-90636-8_4 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Capillary electrophoresis as a monitoring tool for flow composition determination

Kaljurand, Mihkel; Saar-Reismaa, Piret; Vaher, Merike; Gorbatsšova, Jelena; Mazina-Šinkar, Jekaterina Molecules 2021 / art. 4918, 12 p. : ill <https://doi.org/10.3390/molecules26164918> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Carbon aerogel-based solid-phase microextraction coating for the analysis of organophosphorus pesticides

Jõul, Piia; Vaher, Merike; Kuhtinskaja, Maria Analytical methods 2021 / p. 69–76 : ill <https://doi.org/10.1039/D0AY02002H> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Carbon dioxide sequestration in power plant Ca-rich ash waste deposits

Leben, Kristjan; Mõtlep, Riho; Konist, Alar; Pihu, Tõnu; Kirsimäe, Kalle Oil shale 2021 / p. 65–88 : ill <https://doi.org/10.3176/oil.2021.1.04> https://kirj.ee/wp-content/plugins/kirj/pub/OS-1-2021-65-88_20210222125803.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Carbon disclosure, performance and the green reputation of higher educational institutions in the UK
Saha, Anup Kumar; Dunne, Theresa; Dixon, Rob Journal of Accounting and Organizational Change 2021 / p. 604-632
<https://doi.org/10.1108/JAOC-09-2020-0138> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Carbon neutral Baltic Sea region by 2050 : myth or reality?

Šogenova, Alla; Nordbäck, Nicklas; Sopher, Daniel; **Šogenov, Kazbulat;** Ivask, Jüri Proceedings of the 15th Greenhouse Gas Control Technologies Conference 15-18 March 2021 2021 / 12 p. : ill <https://doi.org/10.2139/ssrn.3817722>
<https://ssrn.com/abstract=3817722>

Carbon xerogel from 5-methylresorcinol-formaldehyde gel : the controllability of structural properties

Peikolainen, Anna-Liisa; **Uibu, Mai;** Kozlova, Jekaterina; Mändar, Hugo; Tamm, Aile; Aabloo, Alvo Carbon trends 2021 / art. 100037, 11 p. : ill <https://doi.org/10.1016/j.cartre.2021.100037> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Cardiac expression and location of hexokinase changes in a mouse model of pure creatine deficiency

Branovets, Jelena; Karro, Niina; **Barsunova, Karina;** Laasmaa, Martin; Lygate, Craig A.; **Vendelin, Marko;** **Birkedal Nielsen, Rikke** American journal of physiology-heart and circulatory physiology 2021 / p. H613-H629 <https://doi.org/10.1152/ajpheart.00188.2020>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cartography of the Apollo 12 landing site from photogrammetric analysis of surface imagery

Pustönski, Vladislav-Veniamin Planetary and space science 2021 / art. 105133, 13 p. : ill <https://doi.org/10.1016/j.pss.2020.105133>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Case study in experiential learning - from chaos to order: sensemaking with the interactive timeline tool in architecture and civil engineering studies

Nutt, Nele; **Salmistu, Sirle;** Meitl, Cassi; Karu, Katrin Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 1 2021 / p. 1300-1311 https://doi.org/10.1007/978-3-030-68198-2_8 [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Case study of supplementary PMSM for low-speed wind turbine

Poliakov, Nikolai; Vorobev, Konstantin; **Demidova, Galina;** **Rassölkin, Anton;** Ramensky, Dmitry 2021 XVIII International Scientific Technical Conference Alternating Current Electric Drives (ACED) : proceedings 2021 / 5 p. : ill <https://doi.org/10.1109/ACED50605.2021.9462253>

CASE STUDY: kampaania, mis pani ülikoolile tormi jooksma [Võrguväljaanne]

BestMarketing.ee 2021 ["CASE STUDY: kampaania, mis pani ülikoolile tormi jooksma "](#)

Case study: TalTechi vastuvõtukampaania, mis pani ülikoolile tormi jooksma [Võrguväljaanne]

turundajateiliit.ee 2021 ["Case study: TalTechi vastuvõtukampaania, mis pani ülikoolile tormi jooksma"](#)

Catalonia, Spain and the European Union : a quest for legitimacy

Ramiro Troitino, David; **Kerikmäe, Tanel** Trames 2021 / p. 3-18 <https://doi.org/10.3176/tr.2021.1.01> https://kirj.ee/wp-content/plugins/kirj/pub/Trames-1-2021-3-18_20210222144039.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Catalytic conversion of recalcitrant glycopolymers : investigation of saccharification and isomerisation in ionic liquids = Tõrksate glükopolümeeride katalüütiline konversioon : sahharifikatsiooni ja isomerisatsiooni uurimine ioonsetes vedelikes

Kontson, Tiina 2021 https://www.ester.ee/record=b5473795*est <https://digikogu.taltech.ee/et/Item/afdb8f5d-41a6-4bfb-9a66-05653b60c076>
<https://doi.org/10.23658/taltech.63/2021>

Catching lexemes. The case of Estonian noun-based ambiforms

Paulsen, Geda; Vainik, Ene; **Lohk, Ahti;** **Tuulik, Maria** Electronic lexicography in the 21st century : post-editing lexicography : proceedings of the eLex 2021 conference : virtual, 5-7 July 2021 2021 / p. 288-311 : ill <https://elex.link/elex2021/proceedings-download/>

A Categorical semantics for bounded Petri Nets

Genovese, Fabrizio; **Loregian, Fosco;** Palombi, Daniele Proceedings of the 4th Annual International Applied Category Theory Conference 2021 [ACT 2021] : Cambridge, United Kingdom, 12-16 July 2021 2021 / 15 p <https://doi.org/10.48550/arXiv.2101.09100>
[Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

A categorical semantics for hierarchical Petri Nets

Genovese, Fabrizio; Herold, Jelle; **Loregian, Fosco;** Palombi, Daniele Proceedings Twelfth International Workshop on Graph Computational Models, Online, 22nd June 2021 2021 / p. 51-68 <https://doi.org/10.48550/arXiv.2102.00096> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Centimetre-range deformations of built environment revealed by drone-based photogrammetry

Varbla, Sander; Ellmann, Artu; **Puust, Raido** Automation in Construction 2021 / art. 103787

CERNi delegatsioon väisab Eesti ettevõtteid [Võrguväljaanne]

2021 "[CERNi delegatsioon väisab Eesti ettevõtteid](#)"

CFD analyses on the water entry process of a freefall lifeboat

Huang, Luofeng; Tavakoli, Sasan; Li, Minghao; Dolatshah, Azam; Pena, Blanca; Ding, Boyin; **Dashtimanesh, Abbas** Ocean engineering 2021 / art. 109115, 11 p. : ill <https://doi.org/10.1016/j.oceaneng.2021.109115> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

CFD simulation of bubbly flow in a long coaxial heat exchanger

Akhmadullin, Ildar; **Kartušinski, Aleksander** Thermal Science and Engineering Progress 2021 / art. 100991, 11 p <https://doi.org/10.1016/j.tsep.2021.100991> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Challenges and implications of the WHO's digital cross-border COVID-19 vaccine passport recognition pilot

Jackson, Eric Blake; Dreyling III, Richard Michael; Pappel, Ingrid 2021 Eighth International Conference on eDemocracy and eGovernment (ICEDEG) : Quito, Ecuador, 28-30 July 2021 / p. 88-94 <https://doi.org/10.1109/ICEDEG52154.2021.9530954>

Challenges and opportunities for e-mental health policy : an Estonian case study

Sogomonjan, Melita Contemporary social science 2021 / p. 185-198 <https://doi.org/10.1080/21582041.2020.1720795> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Challenges and perspectives in control of ionic polymer-metal composite (IPMC) actuators : a survey

Aabloo, Alvo; **Belikov, Juri; Kaparin, Vadim; Kotta, Ülle** IEEE Access 2021 / art. 9133056, p. 121059-121073 <https://doi.org/10.1109/ACCESS.2020.3007020> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Challenges in implementing digital assistive technology in municipal healthcare

Svensson, Ann; Bergkvist, Linda; Bäckman, Charlotte; **Durst, Susanne** Management and information technology after digital transformation 2021 / p. 81-90 <https://doi.org/10.4324/9781003111245-10>

Challenges of active learning in a view of integrated engineering education

Vodovozov, Valery; Raud, Zoja; Petlenkov, Eduard Education Sciences 2021 / art. 43 <https://doi.org/10.3390/educsci11020043> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Challenges of teaching programming in StackOverflow era

Pöial, Jaanus Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 1 2021 / p. 703-710 https://doi.org/10.1007/978-3-030-68198-2_65 Conference proceedings at Scopus Article at Scopus Article at WOS

Challenges of transition to paperless management: readiness of incorporating AI in decision-making processes

Gelashvili, Teona; **Pappel, Ingrid** 2021 Eighth International Conference on eDemocracy and eGovernment (ICEDEG) : Quito, Ecuador, 28-30 July 2021 / p. 41-46 <https://doi.org/10.1109/ICEDEG52154.2021.9530905>

Challenges with strategic placed-based innovation policy: implementation of smart specialization in Estonia and Wales

Valdmaa, Kaija; Pugh, Rhiannon; **Müür, Jaanus** European planning studies 2021 / p. 681-698 <https://doi.org/10.1080/09654313.2020.1767541> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Challenging diffusion of digital receipts

Soe, Ralf-Martin 2021 Eighth International Conference on eDemocracy and eGovernment (ICEDEG) : Quito, Ecuador, 28-30 July 2021 / p. 110-117 <https://doi.org/10.1109/ICEDEG52154.2021.9530887>

Changing perspectives on international aid in Nepal since the 2015 earthquakes

Shakya, Shobhit Epicentre to aftermath: Rebuilding and remembering in the wake of Nepal's earthquakes 2021 / p. 203-225 <https://doi.org/10.1017/9781108991636.009>

Characteristic pulse pattern features of different types of partial discharge sources in power cables

Kiitam, Ivar; Shafiq, Muhammad; Taklaja, Paul; Parker, Martin; Palu, Ivo; Kütt, Lauri IEEE Power Engineering Society Conference and Exposition in Africa, PowerAfrica, IEEE PES/IAS PowerAfrica, Nairobi, Kenya, 23-27 Aug 2021 : proceedings 2021 / 5 p. : ill <https://doi.org/10.1109/PowerAfrica52236.2021.9543366>

Characterization and comparison of as received and clinically retrieved Bio-active™ orthodontic archwires

Georgieva, Mirela; Stoyanova-Ivanova, Angelina; Cherneva, Sabina; Petrov, Valeri; Petrova, Violeta; Andreeva, Laura; Mihailov, Valentin; Petkov, Alexander; **Mikli, Valdek** Biotechnology and biotechnological equipment 2021 / p. 1301-1311 : ill <https://doi.org/10.1080/13102818.2021.1964381> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Characterization and enhancement of oil shale fly ash from CFB boiler

Pikkor, Heliis; Järvik, Oliver; Lees, Heidi; Konist, Alar; Siirde, Andres; Maaten, Birgit 6th International Conference on Smart and Sustainable Technologies, SpliTech 2021 2021 / p. 1-4 <https://doi.org/10.23919/SpliTech52315.2021.9566470>

Characterization of different wood species as potential feedstocks for gasification

Sulg, Mari; Konist, Alar; Järvik, Oliver Agronomy research 2021 / p. 276-299 <https://doi.org/10.15159/AR.21.005> [Journal metrics at Scopus](#) [Article at Scopus](#)

Characterization of Interfaces Between the Metal Film and Silicon Carbide Semiconductor = Metallkontakti ja ränikarbiidi vahelise liidespinna karakteriseerimine

Ziko, Mehadi Hasan 2021 <https://digikogu.taltech.ee/et/Item/34be534c-63e8-4013-b271-eaf1a7cb22e7>
https://www.ester.ee/record=b5471196*est <https://doi.org/10.23658/taltech.52/2021>

Characterization of silicon carbide (SiC) and graphene-based novel semiconductor devices = Ränikarbiidil (SiC) ja grafeenil põhinevate uudsete pooljuhtstruktuuride karakteriseerimine

Rashid, Muhammad Haroon 2021 https://www.ester.ee/record=b5397240*est <https://digikogu.taltech.ee/et/Item/a64fd50e-125c-49ad-b0a6-6ad2e01b8bfa> <https://doi.org/10.23658/taltech.6/2021>

Characterization of tetrahedrite Cu₁₀Cd₂Sb₄S₁₃ monograin materials grown in molten CdI₂ and Lil

Ghisani, Fairouz; Timmo, Kristi; Altosaar, Mare; Mikli, Valdek; Pilvet, Maris; Kaupmees, Reelika; Krustok, Jüri; Grossberg, Maarja; Kauk-Kuusik, Marit Thin solid films 2021 / art. 138980 <https://doi.org/10.1016/j.tsf.2021.138980> [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterization of tetrahedrite Cu₁₀Cd₂Sb₄S₁₃ monograin materials grown in molten CDI₂ and Lil : [conference paper]

Ghisani, Fairouz; Timmo, Kristi; Altosaar, Mare GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / p. 29 https://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Chemical and physical characterization of oil shale combustion emissions in Estonia

Aurela, Minna; Mylläri, Fanni; Konist, Alar; Saarikoski, Sanna; Olin, Miska; Simonen, Pauli; Bloss, Matthew; Nešumajev, Dmitri; Salo, Laura; Maasikmets, Marek; Sipilä, Mikko; Maso, Mikka Dal; Keskinen, Jorma; Timonen, Hilikka; Rönkkö, Topi Atmospheric Environment: X 2021 / art. 100139, 9 p. : ill <https://doi.org/10.1016/j.aeaoa.2021.100139> [Journal metrics at Scopus](#) [Article at Scopus](#)
[Journal metrics at WOS](#) [Article at WOS](#)

Chemical modification of met and his residues of amyloid β peptide. Influence of copper ions and effect on fibrillization = Metioniini ja histidiini jääkide keemiline modifitseerimine amüloid- β peptiidis. Vaskioonide mõju ja efekt fibrillisatsioonile

Sardis, Merlin 2021 <https://doi.org/10.23658/taltech.19/2021> https://www.ester.ee/record=b5416905*est
<https://digikogu.taltech.ee/et/Item/acced69c-c690-4cb5-a972-48e1c4ae5c66>

Chemistry as the basic science

Müürsepp, Peeter; Nuryшева, Gulzhikhan; Ramazanov, Aliya; Amirkulova, Zhamilya Foundations of chemistry 2021 / p. 69–83
<https://doi.org/10.1007/s10698-020-09357-5>

Child right to privacy and social media – personal information oversharing parents

Iskül, Anna-Maria; Joamets, Kristi Baltic journal of law & politics 2021 / p. 101-122 <https://doi.org/10.2478/bjlp-2021-0012> [Journal metrics at Scopus](#) [Article at Scopus](#)

Chiral Auxiliaries and Chirogenesis

2021 <https://doi.org/10.3390/books978-3-0365-1017-0>

Chiral Auxiliaries and Chirogenesis II

2021 <https://doi.org/10.3390/books978-3-0365-1155-9>

Chiral auxiliaries and chirogenesis ii

Symmetry 2021 / art. 1157 <https://doi.org/10.3390/sym13071157> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)
[Article at WOS](#)

Chiral Hemicucurbit[N]Urils, their synthesis, post functionalization and application

Mishra, Kamini Atindrakumar; Aav, Riina GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / O 21
https://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Chiral heterocycle-based receptors for enantioselective recognition

Khose, Vaibhav N.; John, Marina E.; Pandey, Anita D.; Borovkov, Victor; Karnik, Anil V. Chiral Auxiliaries and Chirogenesis 2021 / p. 27-101 <https://doi.org/10.3390/books978-3-0365-1017-0> <https://doi.org/10.3390/sym10020034>

Chirogenesis in supramolecular systems

Kanagaraj, Kuppusamy; Yang, Cheng; Borovkov, Victor Fundamentals of supramolecular chirality 2021 / p. 85-147
https://doi.org/10.1142/9781800610255_0004

Chirogenesis in Zinc porphyrins : theoretical evaluation of electronic transitions, controlling structural factors and axial ligation

Osadchuk, Irina; Aav, Riina; Borovkov, Victor; Clot, Eric ChemPhysChem 2021 / p. 1817–1833 : ill

<https://doi.org/10.1002/cphc.202100345> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chitinozoans with “skirt”: Ultrastructure and palaeoecological implications of carina in Cyathochitina Eisenack, 1955

Wang, Wenhui; Liang, Yan; Lyu, Qiao; Hints, Olle; Chen, Shefa; Nõlvak, Jaak Palaeogeography, palaeoclimatology, palaeoecology 2021 / art. 110348, 16 p.: ill <https://doi.org/10.1016/j.palaeo.2021.110348> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chloride, bromide, and TFA determination in the mixture of ionic liquids by CE-C4D

Gorbatšova, Jelena; Kuhtinskaja, Maria; Halling, Evelin; Mazina-Šinkar, Jekaterina V4 Symposium FLOW ANALYSIS & CAPILLARY ELECTROPHORESIS, Krakow, June 28 – July 1, 2021 : abstracts 2021 / 1 p

Christian Eriksen. Taanlaste iidol võitis elu raskeima heitluse

Kuldkepp, Ats Eesti Päevaleht 2021 / Lk. 18 : fot <https://dea.digar.ee/article/eestipaevaleht/2021/06/14/15.5>

Ciberseguridad y ciberdiplomacia de la UE

Kasper, Agnes; Osula, Anna-Maria; Molnar, Anna IDP Revista de Internet Derecho y Política 2021 / p. 1-15

<https://doi.org/10.7238/idp.v0i34.387469> [Journal metrics at Scopus](#) [Article at Scopus](#)

Circular economy approach to recycling technologies of post-consumer textile waste in Estonia : a review

Hussain, Abrar; Kamboj, Nikhil Kumar; Podgurski, Vitali; Antonov, Maksim; Goljandin, Dmitri Proceedings of the Estonian Academy of Sciences 2021 / p. 80-90 : ill <https://doi.org/10.3176/proc.2021.1.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Circularity concepts for offsite prefabricated energy renovation of apartment buildings

Kuusk, Kalle; Kullerkupp, Kristel; Pihelo, Peep; Ritzen, Michiel; Tisov, Ana; Kalamees, Targo Journal of physics : conference series 2021 / art. 012074 <https://doi.org/10.1088/1742-6596/2069/1/012074> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Classification of the energy production potential of water lens solar concentrators using machine learning

Zarrinkafsh, Hamidreza; Eslamirad, Nasim; De Luca, Francesco Journal of Physics: Conference Series 2021 / art. 012022, 6 p. : ill <https://doi.org/10.1088/1742-6596/2042/1/012022> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

CLD : an accurate, cost-effective and scalable run-time Cache Leakage Detector

Shalabi, Ameer; Ghasempouri, Tara; Ellervee, Peeter; Raik, Jaan 2021 24th International Symposium on Design and Diagnostics of Electronic Circuits & Systems (DDECS) : Vienna, Austria, 07-09 April 2021 2021 / p. 127-132 : ill <https://doi.org/10.1109/DDECS52668.2021.9417071>

Cleaning of floating photovoltaic systems : a critical review on approaches from technical and economic perspectives

Zahedi, Rafi; Ranjbaran, Parisa; Gharehpetian, Gevork B.; Mohammadi, Fazel; Ahmadihangar, Roya Energies 2021 / art. 2018, 25 p. : ill <https://doi.org/10.3390/en14072018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Climate changes in the pre-Hirnantian late Ordovician based on $\delta^{18}\text{O}$ studies from Estonia

Männik, Peep; Lehnert, Oliver; Nõlvak, Jaak; Joachimski, Michael M. Palaeogeography, palaeoclimatology, palaeoecology 2021 / p. 110347, 16 p. : ill <https://doi.org/10.1016/j.palaeo.2021.110347> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

ClimMIT - Climate change mitigation with CCS and CCU technologies

Uibu, Mai; Siirde, Andres; Järvik, Oliver; Triikkel, Andres; Yörük, Can Rüstü; Nurk, Gunnar; Kirsimäe, Kalle; Hazak, Aaro; Konist, Alar Proceedings of the 15th Greenhouse Gas Control Technologies Conference 15-18 March 2021 2021 / 9 p <https://ssrn.com/abstract=3812288> <https://doi.org/10.2139/ssrn.3812288>

Closed-loop control system design for wireless charging of low-voltage EV batteries with time-delay constraints

Shevchenko, Viktor; Pakhaliuk, Bohdan; Zakis, Janis; Veligorskyi, Oleksandr; Luszcz, Jaroslaw; Husev, Oleksandr; Lytvin, Oksana; Matiushkin, Oleksandr Energies 2021 / art. 3934, 21 p. : ill <https://doi.org/10.3390/en14133934> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cloud computing: serverless

Koschel, Arne; Bertram, Marvin; Bischof, Richard; Schulze, Kevin; Schaaf, Marc; Astrova, Irina 12th International Conference on Information, Intelligence, Systems & Applications (IISA), 12-14 July 2021 : proceedings 2021 / art. 21201275, 7 p. : ill <https://doi.org/10.1109/IISA52424.2021.9555534>

Cluster Industrial Policy and Tools in Transition Economy : the Case of Russia = Klastri tööstuspoliitika ja üleminekumajanduse vahendid : Venemaa näide

Kudriavtseva, Tatiana 2021 <https://digikogu.taltech.ee/et/Item/aa19f2ef-b492-4f83-a122-3c111a60950f>

Cluster-based association rule mining for an intersection accident dataset

Shahin, Mahtab; Saeidi, Soheila; Shah, Syed Attique; **Kaushik, Minakshi**; **Sharma, Rahul**; **Arakkal Peious, Sijo**; **Draheim, Dirk** 2021 International Conference on Computing, Electronic and Electrical Engineering (ICE Cube), 26-27 November 2021 : proceedings 2021 / p. 6 <https://doi.org/10.1109/ICECube53880.2021.9628206>

CNN based analysis of the Luria's alternating series test for Parkinson's disease diagnostics

Zaremba, Sergei; **Nömm, Sven**; Medijainen, Kadri; Taba, Pille; Toomela, Aaro Recent Challenges in Intelligent Information and Database Systems : 13th Asian Conference, ACIDS 2021, Phuket, Thailand, April 7–10, 2021 : proceedings 2021 / p. 3-13 https://doi.org/10.1007/978-981-16-1685-3_1 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

CO2 turned into a nitrogen doped carbon catalyst for fuel cells and metal-air battery applications

Ratso, Sander; **Walke, Peter**; **Mikli, Valdek**; Locs, Janis; Šmits, Krišjānis; Vitola, Virginija; Šutka, Andris; Kruusenberg, Ivar Green chemistry 2021 / p. 4435–4445 <https://doi.org/10.1039/D1GC00659B> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Coaching'uvõtete kasutamine muudab tunnid tähenduslikumaks

Viil, Kaire Õpetajate Leht 2021 / Lk. 4 : fot <https://dea.digar.ee/article/opetajateleht/2021/02/26/4.3>

Coaching-võtete kasutamine muudab tunnid ja kohtumised tähenduslikumaks

Viil, Kaire Mente et Manu 2021 / lk. 40-41 : fot [Mente et Manu 1/2021](#)

Coal slurry pipelines : a coal transportation method in Kalimantan, Indonesia

Jati, Humaira A.; **Monei, Nthati Lilian**; Barakos, George; Tost, Michael; **Hitch, Michael William** International journal of mining, reclamation and environment 2021 / p. 638-655 <https://doi.org/10.1080/17480930.2021.1949857> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cocreated brand value : theoretical model and propositions

Hollebeek, Linda Desiree; Clark, Moira K.; Hammedi, Wafa; **Arvola, Rene** Journal of Brand Management 2021 / p. 413-428 <https://doi.org/10.1057/s41262-021-00235-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Co-culture process development using individual substrates

Kattel, Anna; Morell, Indrek; **Aro, Valter**; **Nahku, Ranno**; **Vilu, Raivo** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 28

Coding the smart city : preface

Vainio, Teija; Hodson, Elise; Sayún, Michel Nader; Soe, Ralf-Martin Interaction design and architecture(s) 2021 / p. 59-62 https://ixdea.org/wp-content/uploads/ixDEA_art/50/50_P_fs2.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

(Co)end Calculus

Loregian, Fosco 2021 <https://doi.org/10.1017/9781108778657>

Coherence via focusing for symmetric skew monoidal categories

Veltri, Niccolo Logic, Language, Information, and Computation : 27th International Workshop, WoLLIC 2021, Virtual Event, October 5–8, 2021 : proceedings 2021 / p. 184-200 https://doi.org/10.1007/978-3-030-88853-4_12 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Combination of advanced oxidation methods for the energy-efficient abatement of aqueous and gaseous hazardous pollutants = Süvaoksüdatsiooniprotsessi kombineerimine ohtlike saasteainete energiatõhusaks lagundamiseks vees ja õhus

Kask, Maarja 2021 https://www.ester.ee/record=b5451819*est <https://digikogu.taltech.ee/et/Item/26344f14-93e2-432d-82d6-cc540247d95b> <https://doi.org/10.23658/taltech.37/2021>

Combining financial and ecological sustainability in bank capital regulations

Cho, H.-j.; Lehner, Othmar M.; **Nilavongse, Rachatar** Journal of applied accounting research 2021 / p. 423-435 <https://doi.org/10.1108/JAAR-10-2020-0221> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Combining hybrid and end-to-end approaches for the OpenASR20 challenge

Alumäe, Tanel; **Kong, Jiaming** Interspeech 2021 : Brno, Czechia, 30 August - 3 September 2021 : Proceedings of the 22nd Annual Conference of the International Speech Communication Association, Brno 30 August 2021 through 3 September 2021 2021 / p. 1585-1589 <https://doi.org/10.21437/Interspeech.2021-1086>

Combining JSON-LD with first order logic

Tammet, Tanel; Sutcliffe, Geoff Proceedings - 2021 IEEE 15th International Conference on Semantic Computing, ICSC 2021 2021 /

Commissioning of moisture safety of nZEB renovation with prefabricated timber frame insulation wall elements

Pihelo, Peep; Kalamees, Targo Wood material science and engineering 2021 / p. 110-117

<https://doi.org/10.1080/17480272.2019.1635206> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparative analysis of financial bureaucracies of Europe : the influence of policy sector vs administrative tradition on the attitudes of finance officials

Raudla, Ringa; Douglas, James W.; Windett, Jason H. Journal of Comparative Policy Analysis, Research and Practice 2021 / p.

393-415 <https://doi.org/10.1080/13876988.2020.1820867> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A comparative analysis of NZEB energy performance requirements for residential buildings in Denmark, Estonia and Finland

Simson, Raimo; Thomsen, Kirsten Engelund; Wittchen, Kim Bjarne; **Kurnitski, Jarek** E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 14001, 12 p. : ill <https://doi.org/10.1051/e3sconf/202124614001> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

A comparative framework for cyber threat modelling : case of healthcare and industrial control systems

Balogun, Taofeek Mobolarinwa; **Bahsi, Hayretidin;** Keskin, Omer F.; Tatar, Unal International Journal of Critical Infrastructures 2021 /

1 p <https://doi.org/10.1504/IJCIS.2024.10046187>

A comparative study of marginal loss pricing algorithms in electricity markets

Yang, Jiajia; Dong, Zhao Yang; **Wen, Fushuan** IET generation, transmission and distribution 2021 / 13 p. : ill

<https://doi.org/10.1049/gtd2.12030> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparative study of plasma clad Fe-based composite hardfacings with in situ synthesized Cr and Ti carbide reinforcement

Tkachivskyi, Dmytro; Viljus, Mart; Traksmaa, Rainer; Antonov, Maksim; Surženkov, Andrei; Juhani, Kristjan; Kulu, Priit

Solid state phenomena ; 320 2021 / p. 83-89 <https://doi.org/10.4028/www.scientific.net/SSP.320.83> [Conference proceedings metrics at Scopus](#) [Article at Scopus](#)

Comparative study of siox layers deposition using thermal and uv-assisted curing of perhydropolysilazane

Shmagina, Elizaveta; Bereznev, Sergei GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 50

https://fmtk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

A comparative study on graph-based ranking algorithms for consumer-oriented demand side management

Onile, Abiodun Emmanuel; Belikov, Juri; Petlenkov, Eduard; Levron, Yoash 2021 IEEE Madrid PowerTech 2021 / 6 p

<https://doi.org/10.1109/PowerTech46648.2021.9494752>

Comparative study on numerical hydroelastic analysis of impact-induced loads

Yan, Dongni; **Hosseinzadeh, Saeed;** Lakshmyanarayanan, Puramharikrishnan; Mikkola, Tommi; Hirdaris, Spyros 23rd Numerical

Towing Tank Symposium : 11th – 13th October 2021 Mülheim an der Ruhr, Germany 2021 / p. 150-155 : ill https://www.uni-due.de/ISMT/ismt_nutts_2021.php

Comparing cost accounting use across European Countries : The role of administrative traditions, NPM instruments, and fiscal stress

Mohr, Zachary T.; **Raudla, Ringa;** Douglas, James W. Public administration review 2021 / p. 299-307

<https://doi.org/10.1111/puar.13162> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparing institutional strategies for engineering ethics education in regional, national, and European contexts

Bombaerts, Gunter; Adriano, Luis; **Moktefi, Amirouche** Proceedings of the SEFI 49th Annual Conference : Blended Learning in

Engineering Education : challenging, enlightening – and lasting? : SEFI 49th Annual Conference Technische Universität Berlin (online)

: Berlin, 13-16 September 2021 2021 / p. 1529–5038 <https://www.sefi.be/wp-content/uploads/2021/12/SEFI-Annual-Conference-2021-Blended-Learning-in-Engineering-Education.pdf>

Comparing land and underwater gait characteristics with inertial measurement units

Monoli, Cecilia; Gasparini, Isabella; Piccinini, Luigi; **Tuhtan, Jeffrey Andrew;** Galli, Manuela 26th Congress of the European

Society of Biomechanics, July 11-14, 2021, Milan, Italy : conference paper 2021 / 2 p. : ill

https://www.researchgate.net/publication/353803400_Comparing_Land_and_Underwater_Gait_Characteristics_with_Inertial_Measurement_Units

Comparison between eddy viscosities for a plunging breaker wave

Oldekop, Nelly; Liiv, Toomas 6th IAHR Europe Congress, Warsaw, Poland : abstract book 2021 / p. 411-412 <https://iahr2020.pl/wp-content/uploads/2021/02/Book-of-Abstracts-15-02-2021.pdf>

Comparison of flux-switching and interior permanent magnet synchronous generators for direct-driven wind applications based on nelder–mead optimal designing

Prakht, Vladimir; Dmitrievskii, Vladimir; Kazakbaev, Vadim; **Andriushchenko, Ekaterina** Mathematics 2021 / art. 732
<https://doi.org/10.3390/math9070732> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparison of machine learning algorithms for classification of partial discharge signals in medium voltage components
Kumar, Haresh; **Shafiq, Muhammad**; Hussain, Ghulam Amjad; Kauhaniemi, Kimmo 2021 IEEE PES Innovative Smart Grid Technologies Europe (ISGT-Europe), 8-21 October, 2021 : proceedings 2021 / 6 p
<https://doi.org/10.1109/ISGTEurope52324.2021.9639923>

Comparison of model order reduction methods for a switched reluctance machine characterization
Boumesbah, Allaa Eddine; Martin, Florian; Krebs, Guillaume; **Belahcen, Anouar**; Marchand, Claude IEEE transactions on magnetics 2021 / art. 9355193, 7 p. : ill <https://doi.org/10.1109/TMAG.2021.3059969> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparison of the most likely low-emission electricity production systems in Estonia
Baird, Zachariah Steven; **Nešumajev, Dmitri**; **Järvik, Oliver**; Powell, Kody M. PLoS ONE 2021 / e0261780, 37 p
<https://doi.org/10.1371/journal.pone.0261780> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A comparison of the vector control of synchronous reluctance motor and permanent magnet-assisted synchronous reluctance motor
Heidari, Hamidreza; **Rassölkin, Anton**; **Kallaste, Ants**; **Vaimann, Toomas**; **Andriushchenko, Ekaterina**; **Belahcen, Anouar**; Razzaghi, Arash 2021 XVIII International Scientific Technical Conference Alternating Current Electric Drives (ACED) : proceedings 2021 / 6 p. : ill <https://doi.org/10.1109/ACED50605.2021.9462265>

Comparison of voltage buck control methods for series resonant converter
Sidorov, Vadim 20th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Tallinn, Estonia, September 8-10, 2021 2021 / p. 55-56 : ill https://www.ester.ee/record=b5457278*est

Compatibility of targets under different marine policies - Sufficiency of the EU WFD targets for individual rivers basins to achieve the BSAP goals
Stoicescu, Stella-Theresa; **Lips, Urmas** 2021 [Compatibility of targets under different marine policies - Sufficiency of the EU WFD targets for individual rivers basins to achieve the BSAP goals](#)

Competition, collaboration and combination: differences in attitudes to collective organization among offline and online platform workers
Holts, Kaire; Huws, Ursula; Spencer, Neil; Coates, Matthew The Gig Economy : Workers and media in the age of convergence 2021 <https://doi.org/10.4324/9781003140054>

Complex division by Baudhayan triplet algorithm using novel state of the art USP-awadhoot divider
Patankar, Udayan Sunil; **Koel, Ants**; Patankar, Sunil M.; Flores, Miguel E. IEEE 4th Advanced Information Management, Communicates, Electronic and Automation Control Conference (IMCEC) 2021 / p. 1918-1922
<https://doi.org/10.1109/IMCEC51613.2021.9482010>

Complexity in Social Systems and Academies
Engelbrecht, Jüri 2021 <https://www.cambridgescholars.com/product/978-1-5275-7309-3>

Complexity of social systems and academies
Engelbrecht, Jüri 2021 [Complexity of social systems and academies](#)

Composite surrogate for likelihood-free bayesian optimisation in high-dimensional settings of activity-based transportation models
Kuzmanovski, Vladimir; Hollmén, Jaakko Advances in Intelligent Data Analysis XIX : 19th International Symposium on Intelligent Data Analysis, IDA 2021, Porto, Portugal, April 26–28, 2021 : proceedings 2021 / p. 171-183 : ill https://doi.org/10.1007/978-3-030-74251-5_14 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

Composition of gas from pyrolysis of Estonian oil shale with various sweep gases
Mozaffari, Sepehr; **Järvik, Oliver**; **Baird, Zachariah Steven** Oil shale 2021 / p. 215-227 : ill <https://doi.org/10.3176/oil.2021.3.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Composition of prokaryotic and eukaryotic microbial communities in waters around the Florida Reef Tract
Laas, Peeter; Ugarelli, Kelly; Absten, Michael; Boyer, Breege; Briceno, Henry; Stingl, Ulrich Microorganisms 2021 / 1120
<https://doi.org/10.3390/microorganisms9061120>

Composition, physico-chemical properties and antioxidant activity of Estonian honeys
Kivima, Evelin; Tanilas, Kristel; Martverk, Kaie; **Laos, Katrin** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 125

The composition, physicochemical properties, antioxidant activity, and sensory properties of Estonian honeys
Kivima, Evelin; Tanilas, Kristel; Martverk, Kaie; Rosenvald, Sirli; Timberg, Loreida; Laos, Katrin Foods 2021 / art. 511, 14 p
<https://doi.org/10.3390/foods10030511> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Compositional modelling of network games

Di Lavore, Elena; Hedges, Jules; **Sobocinski, Pawel Maria** 29th EACSL Annual Conference on Computer Science Logic : CSL 2021, January 25–28, 2021, Ljubljana, Slovenia (Virtual Conference) 2021 / art. 30, p. 30:1–30:24 : ill
<https://doi.org/10.4230/LIPIcs.CSL.2021.30> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Concentrated solar power (CSP) for sustainable architecture to supply domestic hot water and heating loads of buildings

Zarrinkafsh, Hamidreza; **Eslamirad, Nasim;** **De Luca, Francesco** Journal of physics : conference series 2021 / art. 012110, p. 1-6 : ill
<https://doi.org/10.1088/1742-6596/2042/1/012110> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Concept study of sustainable noise control solution for HVAC systems based on microperforated elements

Villau, Margus; **Rämmal, Hans;** **Lavrentjev, Jüri** Proceedings of the Estonian Academy of Sciences 2021 / p. 461-469 : ill
<https://doi.org/10.3176/proc.2021.4.13> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Conceptual test bench for small class unmanned autonomous vehicle performance estimation

Pütsep, Kristjan; **Rassõlkin, Anton;** **Vaimann, Toomas** 2021 IEEE 19th International Power Electronics and Motion Control Conference, The Silesian University of Technology Gliwice, Poland, 25 - 29 April, 2021 (PEMC) : proceedings 2021 / p. 695-698 : ill
<https://doi.org/10.1109/PEMC48073.2021.9432509>

Conceptualising culture wars in the post-communist space : Latvia, the Istanbul Convention and the struggle for power

Isaacs, Rico; **Rudzite, Liga** Europe - Asia Studies 2021 / p. 1418-1440 <https://doi.org/10.1080/09668136.2021.1937574> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Conditions that influence Good Environmental Status (GES) in the Baltic Sea

Kolesova, Natalja; **Väli, Germa;** **Lips, Urmas** 2021 <https://helcom.fi/wp-content/uploads/2021/11/Conditions-that-influence-Good-Environmental-Status-GES-in-the-Baltic-Sea.pdf>

Confidences for commonsense reasoning.

Tammet, Tanel; **Draheim, Dirk;** **Järv, Priit** Automated Deduction - CADE 28 : 28th International Conference on Automated Deduction, Virtual Event, July 12-15, 2021 : proceedings 2021 / p. 507–524 https://doi.org/10.1007/978-3-030-79876-5_29 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Confined vortex rings

Danaila, Ionut; **Kaplanski, Felix;** Sazhin, Sergei Vortex Ring Models 2021 / p. 103 - 119 https://doi.org/10.1007/978-3-030-68150-0_5 [Article collection metrics at Scopus](#) [Article at Scopus](#)

Confusion surrounds state exams one week before they start [Võrguväljaanne]

news.err.ee 2021 ["Confusion surrounds state exams one week before they start "](#)

Consolidation of crowd-sourced geo-tagged data for parameterized travel recommendations = Kasutajatelt kogutud andmete integreerimine parametriseeritud reisisoovituste loomiseks

Luberg, Ago 2021 <https://doi.org/10.23658/taltech.23/2021> <https://digikogu.taltech.ee/et/item/f5415d5d-63b8-4726-9dea-939c399058c0>
https://www.ester.ee/record=b5428765*est

A constitutive model for linear hyperelastic materials with orthotropic inclusions by use of quaternions

Herrmann, Heiko Continuum mechanics and thermodynamics 2021 / p. 1375-1384 <https://doi.org/10.1007/s00161-021-00979-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Constructing higher inductive types as groupoid quotients

Veltri, Niccolo; Weide, Niels van der Logical methods in computer science 2021 / p. 8:1–8:42 [https://doi.org/10.23638/LMCS-17\(2:8\)2021](https://doi.org/10.23638/LMCS-17(2:8)2021) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Construction of nonlinear feedback strategies for energy storage systems : a stochastic dynamic programming approach

Chowdhury, Nilanjan Roy; Baimel, Dmitry; **Belikov, Juri;** Levron, Yoash 2021 IEEE Madrid PowerTech 2021 / 6 I
<https://doi.org/10.1109/PowerTech46648.2021.9494819>

Consumer attitudes towards the possibility of missing out a product

Jefimova, Anastasia; **Parts, Oliver** IMCSM Proceedings. Vol. 17, 1 2021 / p. 232-238 : ill
http://media.sjm06.com/2021/10/Proceedings_IMCSM21_Issue-1.pdf

Consumers' health-locus-of-control and social distancing in pandemic-based e-tailing services

Itani, Omar S.; **Hollebeek, Linda Desiree** Journal of services marketing 2021 / p. 1073-1091 : ill

<https://www.emerald.com/insight/content/doi/10.1108/JSM-10-2020-0410/full/html> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Consumers' technology-facilitated brand engagement and wellbeing : positivist TAM/PERMA- vs. consumer culture theory perspectives

Hollebeek, Linda Desiree; Belk, Russell International Journal of Research in Marketing 2021 / p. 387-401

<https://doi.org/10.1016/j.ijresmar.2021.03.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Contemporary Trends and Challenges in Finance : proceedings from the 6th Wroclaw International Conference in Finance

2021 <https://doi.org/10.1007/978-3-030-73667-5>

Contingent valuation as a tool for environmental economic accounting : case of Estonia

Ehrlich, Üllas Estonian Discussions on Economic Policy 2021 / p. 56–70 <https://doi.org/10.2139/ssrn.3970916>

<https://doi.org/10.1515/tpep.v29i1-2.18342> [Journal metrics at Scopus](#) [Article at Scopus](#)

Continuous automated ventilation heat recovery efficiency performance assessment using building monitoring system

Kull, Tuule Mall; Mikola, Alo; Tukia, Andres; Köse, Ahmet; Petlenkov, Eduard; Thalfeldt, Martin E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 10006, 10 p. : ill <https://doi.org/10.1051/e3sconf/202124610006> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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

Continuum mechanics and signals in nerves

Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel Proceedings of the Estonian Academy of Sciences 2021 / p. 3–18

<https://doi.org/10.3176/proc.2021.1.02> https://doi.org/wp-content/plugins/kirj/pub/proc-1-2021-3-18_20210112191450.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Contributions to ventilation system demand response: a case study of an educational building

Maask, Vahur; Mikola, Alo; Korõtko, Tarmo; Rosin, Argo; Thalfeldt, Martin E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 11001, 6 p <https://doi.org/10.1051/e3sconf/202124611001> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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

Control over MoSe₂ formation with vacuum-assisted selenization of one-step electrodeposited Cu-In-Ga-Se precursor layers

Mandati, Sreekanth; Misra, Prashant; Boosagulla, Divya; Tata, Narasinga Rao; Bulusu, Sarada V. Environmental science and pollution research 2021 / p. 15123-15129 : ill <https://doi.org/10.1007/s11356-020-11783-z>

Coop Kokad töid koos teadlastega turule uued tervislikud valmistoidud [Võrguväljaanne]

omamaitse.delfi.ee 2021 ["Coop Kokad töid koos teadlastega turule uued tervislikud valmistoidud"](https://doi.org/10.1007/s11356-020-11783-z)

Coordinated optimization of parameters of PSS and UPFC-PODCs to improve small-signal stability of a power system with renewable energy generation

He, Ping; Shen, Runjie; Wen, Fushuan; Pan, Qi Journal of energy engineering 2021 / p. 04020089-1-04020089-11 : ill

[https://doi.org/10.1061/\(ASCE\)EY.1943-7897.0000737](https://doi.org/10.1061/(ASCE)EY.1943-7897.0000737) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A coordinated strategy for multi-machine power system stability

Ghasemi-Marzbali, Ali; Ahmadihangar, Roya Applied Soft Computing 2021 / art. 07742, 16 p. : ill

<https://doi.org/10.1016/j.asoc.2021.107742> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Coordinating the digital transformation of inter-organizational public services – The case of e-invoicing in Belgium

Wouters, Stijn; Lember, Veiko; Crompvoets, Joep Der moderne staat – Zeitschrift für public policy, recht und management – Zeitschrift für public policy recht und management 2021 / p. 1-19 <https://doi.org/10.3224/dms.v14i1.06>

Copernicus Marine Service Ocean State Report, Issue 5

Aaboe, Signe; Alari, Victor; Alexander, Brittany E.; Köuts, Mariliis; Lagemaa, Priidik; Maljutenko, Ilja; Männik, Andres; Raudsepp, Urmas; Rikka, Sander; Uiboupin, Rivo Journal of operational oceanography 2021 / p. 1-185

<https://doi.org/10.1080/1755876X.2021.1946240> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Coping with cancer in post-communist Europe : a systematic literature review

Levenets, Oleana; Stepurko, Tetiana; Polese, Abel; Pavlova, Milena; Groot, Wim Health Policy and Planning 2021 / p. 1690–1704

<https://doi.org/10.1093/heapol/czab121> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Copper–zinc oxide heterojunction catalysts exhibiting enhanced photocatalytic activity prepared by a hybrid deposition method

Montero, Jose; Welearegay, Tesfalem; Thyr, Jakob; Stopfel, Henry; Dedova, Tatjana; Oja Acik, Ilona; Österlund, Lars RSC advances 2021 / p. 10224–10234 <https://doi.org/10.1039/d1ra00691f> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Co-pyrolysis of Estonian oil shale with polymer wastes

Pihl, Olga; Khaskhachikh, Vladimir; Kravetskaja, Julia; Niidu, Allan; Siirde, Andres ACS omega 2021 / p. 31658–31666 : ill
<https://doi.org/10.1021/acsomega.1c04188> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Correction to: Decision support tools for wind and solar farm site selection in Isfahan Province, Iran (Clean Technologies and Environmental Policy, (2021), 23, 4, (1179-1195), 10.1007/s10098-020-01978-w)

Barzehkar, Mojtaba; Parnell, Kevin Ellis; Mobarghaee Dinan, Naghmeh; Brodie, Graham Clean technologies and environmental policy 2021 / p. 1197-1198 <https://doi.org/10.1007/s10098-020-02007-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Correction: What explains the gender gap in wealth? Evidence from administrative data

Meriküll, Jaanika; Kukk, Merike; Rõõm, Tairi Review of economics of the household 2021 / p. 549–550
<https://doi.org/10.1007/s11150-021-09564-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Corrections to “Opportunities and Challenges of Utilizing Additive Manufacturing Approaches in Thermal Management of Electrical Machines”

Shams Ghahfarokhi, Payam; Podgornovs, Andrejs; Kallaste, Ants; Marques Cardoso, Antonio J.; Belahcen, Anouar; Vaimann, Toomas; Tiismus, Hans; Asad, Bilal IEEE Access 2021 / p. 62532 <https://doi.org/10.1109/ACCESS.2021.3074827> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Correlation between COVID-19 pandemic, emotion intelligence and depression

Zineldin, Mosad; Farhat, Anotine; Sogomonjan, Melita Acta scientific neurology 2021 / p. 54-58 : ill
<https://doi.org/10.31080/ASNE.2021.04.0335>

Corrigendum to “Screening and optimization of processing temperature for Sb₂Se₃ thin film growth protocol: Interrelation between grain structure, interface intermixing and solar cell performance” [Solar Energy Mater. Solar Cell. 225 (2021) 1–13 111045](S092702482100088X)(10.1016/j.solmat.2021.111045)

Spalatu, Nicolae; Krautmann, Robert; Katerski, Atanas; Kärber, Erki; Josepson, Raavo; Hiie, Jaan; Oja Acik, Ilona; Krunks, Malle Solar Energy Materials and Solar Cells 2021 / Art. 111098 <https://doi.org/10.1016/j.solmat.2021.111098> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Corrigendum: A survey using high-throughput sequencing suggests that the diversity of cereal and barley yellow dwarf viruses is underestimated (Front. Microbiol., (2021), 12, (673218), 10.3389/fmicb.2021.673218)

Sõmera, Merike; Massart, Sébastien; Tamisier, Lucie; Sooväli, Pille; Sathees, Kanitha; Kvarnheden, Anders Frontiers in microbiology 2021 / art. 772637, 2 p <https://doi.org/10.3389/fmicb.2021.772637> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cost/comfort-oriented clustering-based extended time of use pricing

Azizi, Elnaz; Shotorbani, R.; Ahmadihangar, Roya; Mohammadi-Ivatloo, B.; Rosin, Argo; Sadiq, R. Sustainable cities and society 2021 / art. 102673, 10 p. : ill <https://doi.org/10.1016/j.scs.2020.102673> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Counter-clock world : How planning backwards helps in moving forward in collapsing environments

Stutz, Christian; Ainamo, Antti; Lamberg, Juha-Antti M@n@gement Management 2021 / p. 17–30
<https://doi.org/10.37725/mgmt.v24i1.4518> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Counter-hegemonic decision premises in commons-based peer production : a degrowth case study

Robra, Ben; Pazaitis, Alexandros; Latoufis, Kostas TripleC 2021 / art. 1264, p. 343-370 : ill <https://doi.org/10.31269/triplec.v19i2.1264>
<https://www.researchgate.net/publication/354364413> [Journal metrics at Scopus](#) [Article at Scopus](#)

Coupling and electrodes

Metshein, Margus Bioimpedance and Spectroscopy 2021 / p. 3-50 : ill <https://doi.org/10.1016/B978-0-12-818614-5.00010-2>
<https://ebookcentral.proquest.com/lib/tuee/reader.action?docID=6644985&pg=48>

Court sentences well-known marine scientist to prison for spying for China [online resource]

postimees.ee 2021 ["Court sentences well-known marine scientist to prison for spying for China"](#)

COVID-19 and waste production in households: A trend analysis

Filho, Walter Leal; Voronova, Viktoria; Klõga, Marija; Paco, A; Minhas, A Science of the total environment 2021 / art. 145997, 7 p
<https://doi.org/10.1016/j.scitotenv.2021.145997> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

COVID-19 as an accelerator for developing strong(er) businesses? Insights from Estonian small firms

Durst, Susanne; Henschel, Thomas Journal of the International Council for Small Business 2021 / p. 1-29
<https://doi.org/10.1080/26437015.2020.1859935> [Journal metrics at Scopus](#) [Article at Scopus](#)

Covid-19 pandemic : small actor point of view on manufacturing and logistics

Hilmola, Olli-Pekka Kristian; Lähdeaho, Oskari World review of intermodal transportation research 2021 / p. 87-105

<https://doi.org/10.1504/WRITR.2021.115411> <https://doi.org/10.1504/WRITR.2021.10036832> [Journal metrics at Scopus](#) [Article at Scopus](#)

Creative Industries as Key Partners for Blue and Green Growth in the Baltic Sea Region : A Modern Guide Towards Sustainable Regional (Cross)Innovation in SMEs

Gerlitz, Laima; **Meyer, Christopher**; Hack, Achim; **Prause, Gunnar Klaus** Managing Knowledge in Uncertain Times : IFKAD 2021 : proceedings 2021 / p. 2015–2035 <https://www.ifkad.org/proceedings-eBooks/eBook-ifkad-2021/>

Crisis year 2020 : analysis of Finnish manufacturing companies' Twitter activity

Lähdeaho, Oskari; **Hilmola, Olli-Pekka Kristian** Human Centred Intelligent Systems : Proceedings of KES-HCIS 2021 Conference 2021 / p. 36–45 https://doi.org/10.1007/978-981-16-3264-8_4 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Critical views on the right to be forgotten after the entry into force of the GDPR : is it able to effectively ensure our privacy?

Kocharyan, Hovsep; Vardanyan, Lusine; **Hamulak, Ondrej**; **Kerikmäe, Tanel** International and Comparative Law Review 2021 / p. 96-115 <https://doi.org/10.2478/iclr-2021-0015> [Journal metrics at Scopus](#) [Article at Scopus](#)

A cross disciplinary framework for cost-benefit optimization of marine litter cleanup at regional scale

Christensen, Asbjørn; Tsiaras, Kostas; Murawski, Jens; Hatzonikolakis, Yannis; She, Jun; John, Michael St; **Lips, Urmas**; **Brouwer, Roy** Frontiers in marine science 2021 / art. 744208, 18 p. : ill <https://doi.org/10.3389/fmars.2021.744208> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cross-border capacity-building for port ecosystems in small and medium-sized Baltic ports

Meyer, Christopher; Gerlitz, Laima; Henesey, Lawrence TalTech journal of European studies 2021 / p. 113-132 <https://doi.org/10.2478/bjes-2021-0008> https://www.ester.ee/record=b5290032*est

Cross-border cooperation concept in multifunctional agriculture under RIS3

Meyer, Christopher; Howe, Tim Oliver; Stollberg, Christian; Gerlitz, Laima Environmental and Climate Technologies 2021 / p. 537–550 : ill <https://doi.org/10.2478/rtuct-2021-0039> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A cross-country comparison of user experience of public autonomous transport

Bellone, Mauro; Ismailogullari, Azat; Kantala, Tommi; Mäkinen, Sami; **Soe, Ralf-Martin**; Kyrrö, Milla Aman European transport research review 2021 / art. 19 <https://doi.org/10.1186/s12544-021-00477-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cross-disciplinary remote course for mixed group of students and professionals

Lähdeaho, Oskari; **Hilmola, Olli-Pekka Kristian** Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 1 2021 / p. 3-12 https://doi.org/10.1007/978-3-030-68198-2_1 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Cross-shore profile evolution after an extreme erosion event—Palanga, Lithuania

Kelpšaitė-Rimkienė, Loreta; **Parnell, Kevin Ellis**; Žaromskis, Rimas; Kondrat, Vitalijus Journal of marine science and engineering 2021 / art. 38, p. 1–15 : ill <https://doi.org/10.3390/jmse9010038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cryptic secondary cementation of Ordovician limestones in the Baltoscandian Basin, northern Europe, revealed through trace-element mapping and U-Pb dating by LA-ICP-MS

Hagen-Peter, Graham; Wang, Yue; **Hints, Olle**; **Lepland, Aivo** EGU General Assembly 2021 2021 / art. EGU21-12547 <https://doi.org/10.5194/egusphere-egu21-12547>

Cultural and creative industries as innovation and sustainable transition brokers in the Baltic Sea Region : a strong tribute to sustainable macro-regional development

Gerlitz, Laima; **Prause, Gunnar Klaus** Sustainability 2021 / art. 9742, 22 p <https://doi.org/10.3390/su13179742> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Culture of fear : the decline of Europe in Russian political imagination

Mölder, Holger A Continent of conspiracies : conspiracy theories in and about Europe 2021 / p. 231-252 <https://doi.org/10.4324/9781003048640>

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

Harkmann, Kersti; **Staehr, Karsten** Journal of International Money and Finance 2021 / art. 102286

<https://doi.org/10.1016/j.jimonfin.2020.102286> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Current account sustainability in Central and Eastern Europe : structural change and crisis

Cuestas, Juan Carlos; Monfort, Mercedes Empirica 2021 / p. 141–153 <https://doi.org/10.1007/s10663-020-09473-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Current status of co-pyrolysis of oil shale and biomass

Lyons Ceron, Alejandro; Konist, Alar; Lees, Heidi; Järvi, Oliver Oil shale 2021 / p. 228-263 : tab <https://doi.org/10.3176/oil.2021.3.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Current status, advancements and development needs of geospatial decision support tools for marine spatial planning in European seas

Depellegrin, Daniel; Hansen, Henning Sten; Schröder, Lise; Bergström, Lena; Romagnoni, Giovanni; Steenbeek, Jeroen; Goncalves, Magali; Carneiro, Goncalo; **Kotta, Jonne; Fetissov, Mihail** Ocean & coastal management 2021 / art. 105644 <https://doi.org/10.1016/j.ocecoaman.2021.105644>

Current wildland fire patterns and challenges in Europe : a synthesis of national perspectives

Fernandez-Anez, Nieves; Krasovskiy, Andrey; Müller, Mortimer; Vacik, Harald; Baetens, Jan; Hukić, Emira; Kapovic Solomun, Marijana; Atanassova, Irena; Glushkova, Maria; **Stivriš, Normunds** Air, soil and water research 2021 / 19 p. : ill <https://doi.org/10.1177/11786221211028185> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Current-fed partial power converter for photovoltaic applications in DC microgrids

Jalakas, Tanel; Kosenko, Roman; Chub, Andrii; Vinnikov, Dmitri; Blinov, Andrei IECON 2021 – 47th Annual Conference of the IEEE Industrial Electronics Society 2021 / p. 1-5 : ill <https://doi.org/10.1109/IECON48115.2021.9589899> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Curriculum modeling : an example of accounting curriculum

Alver, Jaan; Alver, Lehte Actual problems in the system of education: general secondary education institution - pre-university training — higher education institution 2021 / p. 8-12 <https://doi.org/10.18372/2786-5487.1.15811>

Customer brand engagement during service lockdown

Hollebeek, Linda Desiree; Smith, Dale L.G.; **Kasabov, Edward**; Hammedi, Wafa; Warlow, Alexander; Clark, Moira K. Journal of services marketing 2021 / p. 201-209 <https://doi.org/10.1108/JSM-05-2020-0199> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Customers' service-related engagement, experience, and behavioral intent: moderating role of age

Rather, Raouf Ahmad; **Hollebeek, Linda Desiree** Journal of retailing and consumer services 2021 / art. 102453, 10 p <https://doi.org/10.1016/j.jretconser.2021.102453> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cyber security risk analysis for a virtual assistant G2C digital service using FAIR model

Dreyling III, Richard Michael; Jackson, Eric Blake; Pappel, Ingrid 2021 Eighth International Conference on eDemocracy & eGovernment (ICEDEG) : Quito, Ecuador, 28-30 July 2021 2021 / p. 33-40 <https://doi.org/10.1109/ICEDEG52154.2021.9530938>

Cyber threats to space communications : space and cyberspace policies

Carlo, Antonio Outer Space and Cyber Space : Similarities, Interrelations and Legal Perspectives 2021 / p. 55–66 https://doi.org/10.1007/978-3-030-80023-9_4

CyberGenomics : application of behavioral genetics in cybersecurity

Domarkiene, Ingrida; Ambrozaityte, Laima; Bukauskas, Linas; Rancelis, Tautvydas; **Sütterlin, Stefan**; Knox, Benjamin James; **Maennel, Kaie; Maennel, Olaf Manuel**; Parish, Karen; Lugo, Ricardo Gregorio; Brilingaitė, Agnė Behavioral Sciences 2021 / art. 152 <https://doi.org/10.3390/bs11110152> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cybernetica ja TalTech asuvad koostöös uurima tuleviku digiallkirju

Mente et Manu 2021 / lk. 12 : fot https://www.ester.ee/record=b1242496*est

Cybernetica ja TalTech asuvad koostöös uurima tuleviku digiallkirju [Võrguväljaanne]

postimees.ee 2021 "[Cybernetica ja TalTech asuvad koostöös uurima tuleviku digiallkirju](#)"

Cyber-physical control system for autonomous logistic robot

Pikner, Heiko; Sell, Raivo; Karjust, Kristo; Malayjerdi, Ehsan; Velsker, Tarmo 2021 IEEE 19th International Power Electronics and Motion Control Conference, The Silesian University of Technology Gliwice, Poland, 25 - 29 April, 2021 (PEMC) : proceedings 2021 / p. 699-704 : ill <https://doi.org/10.1109/PEMC48073.2021.9432526>

Cyber-physical universal safety and crash detection system for autonomous robot

Pikner, Heiko; Malayjerdi, Mohsen Robotic systems and applications 2021 / p. 46-52 : ill <https://doi.org/10.21595/rsa.2021.22113>

Cyber-physical universal safety and crash detection system for autonomous robot

Pikner, Heiko; Sell, Raivo; Malayjerdi, Mohsen The 16th International Conference "Mechatronic Systems and Materials" MSM

CyberPin - Challenges on recognizing youngest cyber talents

Lorenz, Birgy; Kikkas, Kaido; Talisainen, Aleksei; Eomäe, Taavi HCI for Cybersecurity, Privacy and Trust : Third International Conference, HCI-CPT 2021, Held as Part of the 23rd HCI International Conference, HCII 2021, Virtual Event, July 24–29, 2021 : proceedings 2021 / p. 326-336 https://doi.org/10.1007/978-3-030-77392-2_21 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Cybersecurity test range for autonomous vehicle shuttles

Roberts, Andrew James; Snetkov, Nikita; Maennel, Olaf Manuel 2021 IEEE European Symposium on Security and Privacy Workshops EuroS&PW 2021 : Virtual Conference, 6-10 September 2021 : proceedings 2021 / p. 239-248 : ill <https://doi.org/10.1109/EuroSPW54576.2021.00031>

Cyclohexanohemicucurbit[8]uril inclusion complexes with heterocycles and selective extraction of sulfur compounds from water

Shalima, Tatsiana; Mishra, Kamini Atindrakumar; Kaabel, Sandra; **Ustrnul, Lukas; Bartkova, Simona; Tõnsuaadu, Kaia; Heinmaa, Ivo; Aav, Riina** Frontiers in chemistry 2021 / art. 786746, 8 p. : ill <https://doi.org/10.3389/fchem.2021.786746> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cystoblastus and the origin of the Hemicosmitoida (Echinodermata: Blastozoa)

Paul, Christopher R. C.; **Toom, Ursula** Estonian journal of earth sciences 2021 / p. 165-181 : ill <https://doi.org/10.3176/earth.2021.13> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Damping characteristics of interconnected power systems with wind-photovoltaic-thermal-bundled power transmitted by AC/DC systems

He, Ping; Li, Zhao; Zheng, Mingming; **Wen, Fushuan;** Ji, Yugi; Wu, Xinxin Journal of energy engineering 2021 / p. 04021029-1-04021029-10 : ill [https://doi.org/10.1061/\(ASCE\)EY.1943-7897.0000765](https://doi.org/10.1061/(ASCE)EY.1943-7897.0000765) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Data assimilation of sea surface temperature and salinity using basin-scale reconstruction from empirical orthogonal functions : a feasibility study in the northeastern Baltic Sea

Zujev, Mihhail; Elken, Jüri; Lagemaa, Priidik Ocean science 2021 / p. 91–109 : ill <https://doi.org/10.5194/os-17-91-2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Data exchange for digital government: Where are we heading? ADBIS2021 Keynote

Draheim, Dirk Advances in Databases and Information Systems : 25th European Conference, ADBIS 2021, Tartu, Estonia, August 24–26, 2021 : proceedings 2021 / p. 7-12 https://doi.org/10.1007/978-3-030-82472-3_2 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Data protection in Estonia

Salumaa-Lepik, Kärt; Kerikmäe, Tanel; Nisu, Nele Data Protection Around the World : Privacy Laws in Action 2021 / 35 p https://doi.org/10.1007/978-94-6265-407-5_3

Data science techniques for cryptocurrency blockchains

Liiv, Innar 2021 <https://doi.org/10.1007/978-981-16-2418-6>

Data sharing under the general data protection regulation : time to harmonize law and research ethics?

Vlahou, Antonia; Hallinan, Dara; Apweiler, Rolf; **Fridolin, Ivo** Hypertension 2021 / p. 1029-1035 <https://doi.org/10.1161/HYPERTENSIONAHA.120.16340> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Data transfers in EU-India relations

Osula, Anna-Maria; Kaushik, Anjali Directions 2021 / [1] p. : ill <https://directionsblog.eu/data-transfers-in-eu-india-relations/>

Data-driven risk preference analysis in day-ahead electricity market

Zhao, Huan; Zhao, Junhua; Qiu, Jing; Liang, Gaoqi; **Wen, Fushuan;** Xue, Yusheng; Dong, Zhao Yang IEEE transactions on smart grid 2021 / p. 2508-2517 : ill <https://doi.org/10.1109/TSG.2020.3036525>

Day-ahead market modelling of large-scale highly-renewable multi-energy systems : analysis of the North Sea region towards 2050

Gea-Bermudez, Juan; Das, Kaushik; **Koduvere, Hardi;** Koivisto, Matti J. Energies 2021 / art. 88, 17 p. : ill <https://doi.org/10.3390/en14010088> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

DC voltage sensorless predictive control of a high-efficiency PFC single-phase rectifier based on the versatile buck-boost converter

González-Castaño, Catalina; Restrepo, Carlos; Sanz, Fredy; **Chub, Andrii;** Giral, Roberto Sensors 2021 / art. 5107

<https://doi.org/10.3390/s21155107> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

DC-link capacitor minimization in residential energy router through battery utilization

Najafzadeh, Mahdiyyeh; Vinnikov, Dmitri; Husev, Oleksandr; Jalakas, Tanel; Roasto, Indrek 2021 IEEE 15th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) : Florence, Italy, 14-16 July 2021 2021 / p. 1-6 : ill <https://doi.org/10.1109/CPE-POWERENG50821.2021>

Debate : safeguarding democracy during pandemics. Social distancing, postal, or internet voting - the good, the bad or the ugly?

Krimmer, Robert Johannes; Duenas Cid, David; Krivososova, Iuliia Public money & management 2021 / p. 8-10
<https://doi.org/10.1080/09540962.2020.1766222> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Debatt Pärnu kolledžis: kuidas viia akadeemilise maailma tarkus ettevõttesse? [Võrguväljaanne]

Raagmaa, Garri; Rätsep, Cindy postimees.ee 2021 ["Debatt Pärnu kolledžis: kuidas viia akadeemilise maailma tarkus ettevõttesse?"](#)

La "Decada Digital" de la Union Europea : desarrollos e impactos sobre su ciudadanía y economia

Ramiro Troitino, David Revista de Internet, Derecho y Política 2021 <https://doi.org/10.7238/idp.v0i34.387532> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Decentralized distributed data structure for bioanalytical laboratory setups

Ashraf, Kanwal; Le Moullec, Yannick; Pardy, Tamas 8th ACM Celebration of Women in Computing : womENCourage 2021, 22-24 September, 2021, Czech Republic 2021 / 2 p. : ill https://womencourage.acm.org/2021/wp-content/uploads/2021/07/59_extendedabstract.pdf

Decentralized distributed data structure for bioanalytical laboratory setups : [poster]

Ashraf, Kanwal; Le Moullec, Yannick; Pardy, Tamas 2021 / 1 p. : ill https://womencourage.acm.org/2021/wp-content/uploads/2021/07/59_poster.pdf

Decentralized governance for smart contract platform enabling mobile lite wallets using a proof-of-stake consensus algorithm

Deval, Vipin; Norta, Alexander; Dai, Patrick; Mahi, Neil; Earls, Jordan Blockchain Technology and Innovations in Business Processes 2021 / p. 67-93 https://doi.org/10.1007/978-981-33-6470-7_5 [Collection metrics at Scopus](#) [Article at Scopus](#)

Decentralized real-time control platform for urban drainage systems in climate proof smart cities = Sademeveesüsteemide detsentraliseeritud juhtimissüsteemi platvorm kliimakindlates tarkades linnades

Kändler, Nils 2021 https://www.ester.ee/record=b5434231*est <https://digikogu.taltech.ee/et/Item/f02a02b2-da6e-4341-a69c-eba8d029e433>
<https://doi.org/10.23658/taltech.32/2021>

Decision support tools for wind and solar farm site selection in Isfahan Province, Iran

Barzehkar, Mojtaba; Parnell, Kevin Ellis; Mobarghaee Dinan, Naghme; Brodie, Graham Clean technologies and environmental policy 2021 / p. 1179-1195 <https://doi.org/10.1007/s10098-020-01978-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Decision support tools, systems and indices for sustainable coastal planning and management : a review

Barzehkar, Mojtaba; Parnell, Kevin Ellis; Soomere, Tarmo; Dragovich, Deirde; Engström, Johanna Ocean and Coastal Management 2021 / art. 105813, 13 p <https://doi.org/10.1016/j.ocecoaman.2021.105813> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Decoding the smart city

Vainio, Teija; Hodson, Elise; Sayún, Michel Nader; Soe, Ralf-Martin Interaction design and architecture(s) 2021 / p. 59-62
<https://doi.org/10.55612/s-5002-050-002pfs> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Decolonising "Data Colonialism" propositions for investigating the realpolitik of today's networked ecology

Calzati, Stefano Television and New Media 2021 / p. 914-929 <https://doi.org/10.1177/1527476420957267> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Deductive systems and coherence for skew prounital closed categories

Uustalu, Tarmo; Veltri, Niccolo; Zeilberger, Noam Proceedings of the 3rd Annual International Applied Category Theory Conference 2020 2021 / p. 1-19 <https://doi.org/10.48550/arXiv.2101.03809> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Degradation of aqueous alachlor in pulsed corona discharge

Bolobajev, Juri; Gornov, Daniil; Kornev, Iakov; Preis, Sergei Journal of electrostatics 2021 / art. 103543
<https://doi.org/10.1016/j.elstat.2020.103543> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dekaanide ja direktorina jätkavad pärast konkursi läbimist Jervan, Listra ja Leiger

Demand response potential of district heating in a swimming hall in Finland

Yuan, Xiaolei; Lindroos, Leo; **Jokisalo, Juha; Kosonen, Risto**; Pan, Yiqun; Jin, Hui Energy and buildings 2021 / art. 111149, 12 p. : ill <https://doi.org/10.1016/j.enbuild.2021.111149> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Demystifying consumer digital cocreated value : social presence theory-informed framework and propositions

Hollebeek, Linda Desiree; Clark, Moira K.; Macky, Keith Recherche et applications en marketing 2021 / p. 24-42
<https://doi.org/10.1177%2F2051570720961986> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dependence of measured specific air leakage rate (qE50) on envelope pressure differences and measurement position: A case study in an apartment building in winter conditions

Klõšeiko, Paul; Arumägi, Endrik; Hallik, Jaanus; Kalamees, Targo Journal of Physics: Conference Series 2021 / art. 012229, 3 p. : ill <https://doi.org/10.1088/1742-6596/2069/1/012229> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Deriving and formalizing requirements of decentralized applications for inter-organizational collaborations on blockchain

Udokwu, Chibuzor; **Norta, Alexander** Arabian journal for science and engineering 2021 / p. 8397-8414 <https://doi.org/10.1007/s13369-020-05245-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Desafíos y oportunidades de las emprendedoras guatemaltecas

Cuc, Julio Estanislao; Beltetón Mohr, Astrid; Mendoza, Herbert Landivar Economics 2021 / p. 11-23 : ill
<http://recursosbiblio.url.edu.gt/CParens/Boletines/Economicas/Leconomics/Numeros/03/02/02.pdf>

Desalination using clay and lime sacrificial plasters with additives on field stone wall and fired clay bricks

Leiten, Kadri; Sirelpuu, Helari; **Kiviste, Mihkel** Journal of Physics: Conference Series 2021 / art. 012087 <https://doi.org/10.1088/1742-6596/2069/1/012087> [Conference proceeding at Scopus](#) [Article at Scopus](#)

Description of practical load harmonic current emission due to voltage harmonic variation

Daniel, Kamran; Kütt, Lauri; Iqbal, Muhammad Naveed; Shabbir, Noman; Jarkovoi, Marek 2021 IEEE 62nd International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2021 / p. 1-6
<https://doi.org/10.1109/RTUCON53541.2021.9711594>

Design and experimental validation of a single-stage PV string inverter with optimal number of interleaved buck-boost cells

Fesenko, Artem; **Matiushkin, Oleksandr; Husev, Oleksandr; Vinnikov, Dmitri**; Strzelecki, Ryszard; Kołodziejek, Piotr Energies 2021 / art. 2448, p., 17 p. : ill <https://doi.org/10.3390/en14092448> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Design and testing of an universal autonomous surface vehicle

Roasto, Indrek; Jalakas, Tanel; Mölder, Heigo; Möller, Taavi; Tabri, Kristjan; Enok, Mart 2021 IEEE 19th International Power Electronics and Motion Control Conference, The Silesian University of Technology Gliwice, Poland, 25 - 29 April, 2021 (PEMC) : proceedings 2021 / p. 705-710 : ill <https://doi.org/10.1109/PEMC48073.2021.9432567>

Design for accelerated testing of DC-link capacitors in photovoltaic inverters based on mission profiles

Sangwongwanich, Ariya; Shen, Yanfeng; **Chub, Andrii; Liivik, Elizaveta; Vinnikov, Dmitri**; Wang, Huai; Blaabjerg, Frede IEEE transactions on industry applications 2021 / p. 741-753 <https://doi.org/10.1109/TIA.2020.3030568> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Design of a research laboratory drive system for a synchronous reluctance motor for vector control and performance analysis

Heidari, Hamidreza; Rassõlkin, Anton; Kallaste, Ants; Vaimann, Toomas; Andriushchenko, Ekaterina; Belahcen, Anouar Inventions 2021 / art. 64, 21 p. : ill <https://doi.org/10.3390/inventions6040064> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Design of High Volume CFBC Fly Ash Based Calcium Sulphoaluminate Type Binder in Mixtures with Ordinary Portland Cement

Paaver, Peeter; **Järvik, Oliver**; Kirsimäe, Kalle Materials 2021 / art. 5798 <https://doi.org/10.3390/ma14195798> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Design of new phosphorylated amphiphilic calix[4]arenes

Silenko, Oleg; Nagappa, Nandish M.; Cherenok, Sergey; Kalchenko, Vitaly I.; **Karpichev, Yevgen** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 10 https://fmdtk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Design optimization of permanent magnet clutch with Ārtap framework

Andriushchenko, Ekaterina; Kaska, Jan; **Kallaste, Ants; Belahcen, Anouar; Vaimann, Toomas; Rassõlkin, Anton** Periodica polytechnica electrical engineering and computer science 2021 / p. 106-112 <https://doi.org/10.3311/PPee.17007> [Journal metrics at](#)

Design space exploration of SABER in 65nm ASIC

Imran, Malik; Almeida, Felipe; Raik, Jaan; Basso, Andrea; Roy, Sujoy Sinha; **Pagliarini, Samuel Nascimento** ASHES '21 : proceedings of the 5th Workshop on Attacks and Solutions in Hardware Security 2021 / p. 85-90
<https://doi.org/10.1145/3474376.3487278>

Designed whole-cell-catalysis-assisted synthesis of 9,11-secoosterols

Kõllo, Marek; Kasari, Marje; Kasari, Villu; Pehk, Tõnis; **Järving, Ivar; Lopp, Margus;** Jõers, Arvi; **Kanger, Tõnis** Beilstein journal of organic chemistry 2021 / p. 581–588 <https://doi.org/10.3762/bjoc.17.52> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Designing a collaborative construction-project platform on blockchain technology for transparency, traceability, and information symmetry

Udokwu, Chibuzor; Norta, Alexander; Wenna, Christoph ASSE'21 : 2021 2nd Asia Service Sciences and Software Engineering Conference, Macau, Macao, February 24-26, 2021 2021 / 13 p. : ill <https://doi.org/10.1145/3456126.3456134> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Designing a crisis management mobile application solution in Nigeria

Lips, Silvia; Amola, Oladele; Draheim, Dirk The 23rd International Conference on Information Integration and Web Intelligence, Linz, Austria, November 29 - December 01 2021 : virtual 2021 / p. 571–579 <https://doi.org/10.1145/3487664.3487807> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Designing a digital collaborative platform for the silver economy: inception and conceptualization

Butt, Sidra Azmat; Rava, Karin; Kangilaski, Taivo; Pappel, Ingrid; Draheim, Dirk 2021 Eighth International Conference on eDemocracy and eGovernment (ICEDEG) : Quito, Ecuador, 28-30 July 2021 2021 / p. 47-54 : ill <https://doi.org/10.1109/ICEDEG52154.2021.9530937>

Desulfurization, denitrogenation and deoxygenation of shale oil

Baird, Zachariah Steven; Rang, Heino; Oja, Vahur Oil shale 2021 / p. 137-154 : ill <https://doi.org/10.3176/oil.2021.2.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Detailed insight into the CZTS/CdS interface modification by air annealing in monograin layer solar cells

Kauk-Kuusik, Marit; Timmo, Kristi; Muska, Katri; Pilvet, Maris; Krustok, Jüri; Josepson, Raavo; Brammertz, Guy; Vermang, Bart; **Danilson, Mati; Grossberg, Maarja** ACS Applied Energy Materials 2021 / p. 12374–12382
<https://doi.org/10.1021/acsaem.1c02186> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Detailed modeling of sorptive and textural properties of CaO-based sorbents with various porous structures

Bazaikin, Ya.V.; Malkovich, E.G.; Prokhorov, D.I.; **Derevshchikov, Vladimir** Separation and purification technology 2021 / art. 117746, 12 p. : ill <https://doi.org/10.1016/j.seppur.2020.117746> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Detailed photoluminescence study of Cu₂Ge(SSe)₃ microcrystals

Kuusik, Jüri; Kaupmees, Reelika; Li, Xiaofeng; Kauk-Kuusik, Marit; Grossberg, Maarja AIP advances 2021 / art. 085105
<https://doi.org/10.1063/5.0053928> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A detailed testing procedure of numerical differential protection relay for EHV auto transformer

Ehsan, Umer; Jawad, Muhammad; Javed, Umar; Zaidi, Khurram Shabih; Rehman, Ateeq Ur; **Rassõlkin, Anton;** Althobaiti, Maha M.; Hamam, Habib; **Shafiq, Muhammad** Energies 2021 / art. 8447 <https://doi.org/10.3390/en14248447> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Detecting peat extraction related activity with multi-temporal Sentinel-1 InSAR coherence time series

Tampuu, Tauri; Praks, Jaan; Kull, Ain; **Uiboupin, Rivo;** Tamm, Tanel; Voormansik, Tanel International journal of applied earth observation and geoinformation 2021 / art. 102309, 11 p. : ill <https://doi.org/10.1016/j.jag.2021.102309> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Detection of bulbar involvement in patients with amyotrophic lateral sclerosis by machine learning voice analysis : diagnostic decision support development study

Tena, Alberto; Claria, Francec; Solsona, Francesc; **Meister, Einar;** Povedano, Monica JMIR Medical Informatics 2021 / e21331, 18 p. : ill <https://doi.org/10.2196/21331> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determinants of carbon emission disclosures and UN sustainable development goals: The case of UK higher education institutions

Saha, Anup Kumar; Al-Shaer, Habiba; Dixon, Rob; **Demirag, Istemihan Sefik** Australian accounting review 2021 / p. 79-107
<https://doi.org/10.1111/auar.12324> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determination of carcinoembryonic antigen as a tumor marker using a novel graphene-based label-free electrochemical immunosensor

Jozghorbani, Maryam; Fathi, Mojtaba; Kazemi, Sayed Habib; **Alinejadian, Navid** Analytical biochemistry 2021 / art. 114017
<https://doi.org/10.1016/j.ab.2020.114017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determination of heat transfer coefficient from housing surface of a totally enclosed fan-cooled machine during passive cooling

Shams Ghahfarokhi, Payam; Podgornovs, Andrejs; **Kallaste, Ants**; Cardoso, Antonio J. Marques; **Belahcen, Anouar**; **Vaimann, Toomas**; **Asad, Bilal**; **Tiismus, Hans** Machines 2021 / art. 120 <https://doi.org/10.3390/machines9060120> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determination of heat transfer coefficient of finned housing of a TEFC variable speed motor

Shams Ghahfarokhi, Payam; **Kallaste, Ants**; Podgornovs, Andrejs; **Belahcen, Anouar**; **Vaimann, Toomas**; **Asad, Bilal** Electrical Engineering 2021 / p. 1009–1017 : ill <https://doi.org/10.1007/s00202-020-01132-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determination of paper plaster hygrothermal performance: influence of different types of paper on sorption and moisture buffering

Vares, Maia-Liisa; **Ruus, Aime**; **Nutt, Nele**; **Kubjas, Ardo**; **Raamets, Jane** Journal of building engineering 2021 / art. 101830, 8 p. : ill <https://doi.org/10.1016/j.job.2020.101830> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determination of technological parameters and characterization of microbiota of the spontaneous sourdough fermentation of hull-less barley

Reidzane, Sanita; Kruma, Zanda; **Kazantseva, Jekaterina**; **Traksmaa, Anna**; Klava, Dace Foods 2021 / art. 2253 : ill <https://doi.org/10.3390/foods10102253> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determination of varietal thiols in white wines using LC-MS/MS-SIDA

Helmja, Kati; **Nisamedtinov, Ildar**; Kirsipuu, Tiina 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 23

Determining the Accuracy of Sentinel-3A and Sentinel-6 Satellite Altimetry Data in the Gulf of Finland using a synergy of data : [poster presentation]

Heinoja, Lenne-Liisa; **Delpeche-Ellmann, Nicole Camille**; **Ellmann, Artu** The Gulf of Finland Science Days 2021 "New start for the Gulf of Finland co-operation" : Estonian Academy of Sciences, Tallinn, 29-30 November 2021 : abstracts 2021 / p. 45
<https://www.gulfoffinland.fi>

Developing Analytical Applications for Parahydrogen Hyperpolarization : Urinary Elimination Pharmacokinetics of Nicotine

Reimets, Nele; Ausmees, Kerti; Vija, Sirje; Reile, Indrek Analytical chemistry 2021 / p. 9480-9485 : ill
<https://doi.org/10.1021/acs.analchem.1c01281>

Developing cross-border E-governance: exploring interoperability and cross-border integration

Krimmer, Robert Johannes; **Dedovic, Stefan**; **Schmidt, Carsten**; **Corici, Andreea-Ancuta** Electronic participation : 13th IFIP WG 8.5 International Conference, ePart 2021, Granada, Spain, September 7–9, 2021 : proceedings 2021 / p. 107-124 : ill
https://doi.org/10.1007/978-3-030-82824-0_9 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

Development and optimisation of HILIC-LC-MS method for determination of carbohydrates in fermentation samples

Pismennõi, Dmitri; **Kiritsenko, Vassili**; **Marhivka, Jaroslav**; Kütt, Mary-Liis; **Vilu, Raivo** Molecules 2021 / art. 3669, 10 p. : ill
<https://doi.org/10.3390/molecules26123669> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development finance in the Baltic States and the process of Europeanization

Mikheeva, Olga; **Juuse, Egert** The reinvention of development banking in the European Union: industrial policy in the single market and the emergence of a field 2021 / p. 253–282 ["The Reinvention of Development Banking in the European Union"](#)

Development of a portable MIP-based electrochemical sensor for detection of SARS-CoV-2 antigen

Raziq, Abdul; **Kidakova, Anna**; **Boroznjak, Roman**; **Reut, Jekaterina**; **Õpik, Andres**; **Sõritski, Vitali** Biosensors and bioelectronics 2021 / art. 113029 <https://doi.org/10.1016/j.bios.2021.113029> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of an absolute quantification method for ribosomal RNA gene copy numbers per eukaryotic single cell by digital PCR

Yarimizu, Kyoko; **Silvester, Sirje**; Hamamoto, Yoko; Tazawa, Satoshi; Oikawa, Hiroshi; Yamaguchi, Haruo; Basti, Leila; Mardones, Jorge I.; Paredes-Mella, Javier; Nagai, Satoshi Harmful Algae 2021 / art. 102008, 13 p. : ill <https://doi.org/10.1016/j.hal.2021.102008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of an optimised condition assessment plan for common reinforced concrete bridges in Estonia = Optimeeritud seisukorra kontrolliplaani välja töötamine tüüpilistele Eesti raudbetoonsildadele

Sein, Sander 2021 https://www.ester.ee/record=b5456535*est <https://digikogu.taltech.ee/et/Item/f36c3aa5-f766-4b0e-ad1d-66d61a8f9329> <https://doi.org/10.23658/taltech.51/2021>

Development of automated detection and wireless reporting for a handheld point-of-care test

Pardy, Tamas; Filograno, Leonardo; Baumann, Cindy; **Rang, Toomas** 2020 17th Biennial Baltic electronics conference, Tallinn, Estonia, October 6-8, 2020 : proceedings 2021 / 4 p. : ill <https://doi.org/10.1109/BEC49624.2020.9276773>

Development of consortia bioprocesses for efficient production of probiotics

Nahku, Ranno; Aro, Valter; **Kattel, Anna; Vilu, Raivo** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 42

Development of data assimilation for numerical forecasts in Estonian marine areas = Eesti merealade prognoosisüsteemi arendamine vaatlusandmete assimileerimise abil

Zujev, Mihhail 2021 https://www.ester.ee/record=b5436054*est <https://digikogu.taltech.ee/et/Item/51c555c7-9658-4e49-b543-3c77a6c1cf19> <https://doi.org/10.23658/taltech.35/2021>

Development of digital twin for robotic arm

Bratchikov, Sterpan; Abdullin, Artur; **Demidova, Galina;** Lukichev, Dmitry 2021 IEEE 19th International Power Electronics and Motion Control Conference, The Silesian University of Technology Gliwice, Poland, 25 - 29 April, 2021 (PEMC) : proceedings 2021 / p. 717-723 <https://doi.org/10.1109/PEMC48073.2021.9432535>

Development of digital twin-based learning from demonstration system for industrial robots

Bondarenko, Yevhen 20th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Tallinn, Estonia, September 8-10, 2021 2021 / p. 19-20 : ill https://www.ester.ee/record=b5457278*est

Development of Electrical Impedance Spectroscopy and Total Internal Reflection Microscopy Based Biosensing Assay Systems = Elektrilise impedantsi spektroskoopia ja täieliku sisepeegelduse fluorestsentsmikroskoopia põhinevad biotundlikud süsteemid

Ehrming, Robin Benjamin 2021 <https://digikogu.taltech.ee/et/Item/5607e7d2-df0b-45b4-98ff-9689389a3b2d> https://www.ester.ee/record=b5462773*est <https://doi.org/10.23658/taltech.48/2021>

Development of electrospun nanostructured electrochemical double-layer capacitor electrodes = Elektrilise kaksikkihi kondensaatori elektrokodratud nanostruktuursete elektroodide arendus

Malmberg, Siret 2021 <https://digikogu.taltech.ee/et/Item/ab0b679b-f1a4-4f69-af49-949f7698e2fc> https://www.ester.ee/record=b5451440*est <https://doi.org/10.23658/taltech.39/2021>

Development of fermented oat-based drink

Orgusaar, Kaisa; Kriisa, Marie; Kütt, Mary-Liis; Stulova, Irina 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 83 https://aps.emu.ee/aloartiklid/2021_foodbalt.pdf

Development of intelligent manufacturing cell structure for SME digital manufacturing hub = Intelligentse robot-tootmise struktuuri arendus väike- ja keskmise suurusega ettevõtete digitaalsete töökohtade tarbeks

Kangru, Tavo 2021 https://www.ester.ee/record=b5396857*est <https://digikogu.taltech.ee/et/Item/999c711f-5ccf-4195-9188-c919894cc7ce> <https://doi.org/10.23658/taltech.7/2021>

Development of mechanochemical c–n bond forming reactions

Dalidovich, Tatsiana; Mishra, Kamini Atindrakumar; Shalima, Tatsiana; Kudrjašova, Marina; Kananovich, Dzmitry; Aav, Riina GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 27 https://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Development of microbiome biobanks – challenges and opportunities

Ryan, M.J.; Schloter, M.; Berg, G.; Kostic, T.; **Sarand, Inga** Trends in microbiology 2021 / p. 89-92 <https://doi.org/10.1016/j.tim.2020.06.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of synergized method to determine accurate sea level using satellite altimetry and high-resolution geoid model

Jahanmard, Vahidreza; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu Geodesy for a Sustainable Earth, Scientific Assembly of the International Association of Geodesy : abstract book 2021 / S5-053 https://mm.sciconf.cn/en/minisite/poster-detail-new/1646?poster_id=1563486 https://files.sciconf.cn/upload/file/20210626/20210626085039_69146.pdf

Development of virtual learning factory toolkit for production engineering education

Mahmood, Kashif; Otto, Tauno; Kuts, Vladimir; Terkaj, Walter; Urgo, Marcello; Haidegger, Geza IOP conference series : materials science and engineering 2021 / art. 012039, 8 p <https://doi.org/10.1088/1757-899X/1140/1/012039>

Development status and future trend of Eurasian container land bridge transport

Hilmola, Olli-Pekka Kristian; Li, Weidong; Panova, Yulia Logistics 2021 / art. 18, 12 p. : ill <https://doi.org/10.3390/logistics5010018>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Developmental changes of vowel acoustics in adolescents

Meister, Einar; Meister, Lya Interspeech 2021 : Brno, Czechia, 30 August - 3 September 2021 : Proceedings of the 22nd Annual Conference of the International Speech Communication Association, Brno 30 August 2021 through 3 September 2021 2021 / p. 1688-1692 <https://doi.org/10.21437/Interspeech.2021-1649>

A device for demonstration of Lissajous figures using document camera

Gavrilov, Aleksei Journal of multidisciplinary engineering science and technology (JMEST) 2021 / p. 13242–13245
<https://www.jmest.org/wp-content/uploads/JMESSP13420705.pdf>

Diagnostic possibilities of induction motor bearing currents

Kudelina, Karolina; Vaimann, Toomas; Rassõlkin, Anton; Kallaste, Ants; Demidova, Galina; Karpovich, Dzmitry 2021 XVIII International Scientific Technical Conference Alternating Current Electric Drives (ACED) : proceedings 2021 / 5 p. : ill
<https://doi.org/10.1109/ACED50605.2021.9462298>

Diagrammatic polyhedral algebra

Bonchi, Filippo; Di Giorgio, Alessandro; Sobocinski, Pawel Maria 41st IARCS Annual Conference on Foundations of Software Technology and Theoretical Computer Science (FSTTCS 2021) 2021 / p. 40:1-40:18 <https://doi.org/10.4230/LIPIcs.FSTTCS.2021.40>
[Conference Proceedings at Scopus](#) [Article at Scopus](#)

Diana Eerma, Kadi Timpmann: teadmised Eesti maapõueressursside kohta vajavad täiendust [Võrguväljaanne]

Timpmann, Kadi; Eerma, Diana postimees.ee 2021 "[Diana Eerma, Kadi Timpmann: teadmised Eesti maapõueressursside kohta vajavad täiendust](#)"

Digiehituse tulevikutegija on Kerdo Kütt

EhitusEST 2021 / lk. 34-35 : fot https://www.ester.ee/record=b4442657*est <https://digikogu.taltech.ee/en/Item/6cf35e3f-60cd-4067-aaaa-29cc49606c70>

Digikoristuspäeval said arvutid puhtamaks

Oone, Annely Aastaraamat 2020 : TalTech Virumaa Kolledž 2021 / lk. 60 : fot https://www.ester.ee/record=b2666429*est
<http://data.vk.edu.ee/aastaraamat20/>

Digioskused ja soov välisturgu vallutada liitsid Chaga ja Boost Yourselfi [Võrguväljaanne]

Koorep, Sigrid sakala.postimees.ee 2021 "[Digioskused ja soov välisturgu vallutada liitsid Chaga ja Boost Yourselfi](#)"

Digitaalne, virtuaalne ja füüsiline ruum - ühendatud või ikka veel lahus? = Virtual and physical space - connected or still apart?

Alender, Yoko Maja : Eesti arhitektuuri ajakiri = Estonian architectural review 2021 / lk. 30-42 : ill
https://www.ester.ee/record=b1072550*est <https://ajakirimaja.ee/>

Digitaalse kaksikuga juhitud logistikarobot Boxbot

Horisont 2021 / lk. 5 : fot https://www.ester.ee/record=b1072243*est

Digitaalsed kaksikud teevad säästlikust energiatarbimisest võistluse [Võrguväljaanne]

Harrik, Airika novaator.err.ee 2021 / fot [Digitaalsed kaksikud teevad säästlikust energiatarbimisest võistluse](#)

Digital Economy. Emerging Technologies and Business Innovation : 6th International Conference on Digital Economy, ICDEc 2021, Tallinn, Estonia, July 15–17, 2021 : proceedings

2021 <https://doi.org/10.1007/978-3-030-92909-1>

A digital or sustainable small and medium-sized port? Sustainable port blueprint in the baltic sea region based on port benchmarking

Meyer, Christopher; Gerlitz, Laima; Philipp, Robert; Paulauskas, Vytautas Transport and telecommunication journal 2021 / p. 332 - 342 <https://doi.org/10.2478/tjt-2021-0026> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A digital services course to promote teaching of informatics in Estonia

Kikkas, Kaido; Lorenz, Birgy Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 1 2021 / p. 711-720 https://doi.org/10.1007/978-3-030-68198-2_66
[Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Digital sovereignty and participation in an autocratic state : designing an e-petition system for developing countries

Lips, Silvia; Ahmed, Rozha Kamal; Zulfizarzada, Khayyam; Krimmer, Robert Johannes; Draheim, Dirk The Proceedings of the 22nd Annual International Conference on Digital Government Research (DGO2021) : Digital Innovations for Public Values: Inclusive Collaboration and Community, June 9-11, 2021 2021 / p. 123–131 <https://doi.org/10.1145/3463677.3463706> [Conference](#)

Digital technologies for improving logistics performance of countries

Moldabekova, Aisulu; **Philipp, Robert**; Reimers, Hans-Eggert; **Alikozhayev, Bauyrzhan** Transport and telecommunication journal 2021 / p. 207–216 <https://doi.org/10.2478/tj-2021-0016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Digital tools to support district regenerative design and scale jumping

Naboni, Emanuele; **De Luca, Francesco** Scale Jumping: Regenerative Systems Thinking within the Built Environment. A guidebook for regenerative implementation: Interactions, tools, platforms, metrics, practice 2021 / p. 179–196 <https://www.eurestore.eu/wp-content/uploads/2021/10/Restore-WG5.pdf>

Digital Twin : universal user interface for online management of the manufacturing system

Kuts, Vladimir; Bondarenko, Yevhen; Gavriljuk, Marietta; Partyshev, Andriy; Jegorov, Sergei; Pizzagalli, Simone Luca; Otto, Tauno Proceedings of the ASME 2021 International Mechanical Engineering Congress and Exposition 2021 / paper no: IMECE2021-69092, 7 p <https://doi.org/10.1115/IMECE2021-69092>

Digital twin for FANUC robots: Industrial robot programming and simulation using virtual reality

Garg, Gaurav; **Kuts, Vladimir**; Anbarjafari, Gholamreza Sustainability (Switzerland) 2021 / Art. 10336 <https://doi.org/10.3390/su131810336> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Digital Twin service unit for AC motor stator inter-turn short circuit fault detection

Rjabtšikov, Viktor; Rassölkin, Anton; Asad, Bilal; Vaimann, Toomas; Kallaste, Ants; Kuts, Vladimir; Jegorov, Sergei; Stępien, Mariusz; Krawczyk, Mateusz 2021 28th International Workshop on Electric Drives : Improving Reliability of Electric Drives (IWED) 2021 <https://doi.org/10.1109/IWED52055.2021.9376328>

Digital twins for cities and regions : global challenges, regional initiatives, European approaches

Kern, Leyla; **Dembski, Fabian**; Wössner, Uwe EU Conference on modelling for policy support, 22-26 November 2021, Brussels : Abstracts 2021 / p. 51-54 https://knowledge4policy.ec.europa.eu/sites/default/files/2021_EU_CONF_MOD_Booklet_of_abstracts.pdf

Digiteerimine, plokiahel ja asjade internet mereveos

Tapaninen, Ulla Pirta; Heering, Dan Meremees : Eesti merendusajakiri = Estonian maritime magazine. Veeteede Teataja 2021 / lk. 22-23 : ill https://www.ester.ee/record=b4646644*est

Disaini- ja arhitektuurigaleriis avatakse TalTechi arhitektuuri eriala lõputööde näitus

keskkonnatehnika.ee 2021 <https://keskkonnatehnika.ee/disaini-ja-arhitektuurigaleriis-avatakse-taltech-i-arhitektuuri-eriala-loputoode-naitus/>

Discordance between amyloid- β PET and CSF biomarkers : clinical and pathophysiological consequences = Amüloid- β staatuse vastuolu PET-uuringul ning liikvorianalüüsil : kliiniline ja patofüsioloogiline tähendus

Reimand, Juhan 2021 <https://doi.org/10.23658/taltech.15/2021> https://www.ester.ee/record=b5431268*est <https://digikogu.taltech.ee/et/Item/d14a365f-fbfc-4595-923e-473262485fe2>

Discovery of rich Katian-Hirnantian jawed polychaete fauna from the Prague Basin, Czech Republic

Tonarova, Petra; Vodražkova, Stanislava; Čap, Pavel; **Hints, Olle; Nölvak, Jaak**; Kubajko, Michal Lille 2021 : Ordovician of the World : programme with abstracts 2021 / p. 75-76 <https://docplayer.net/219093593-Programme-with-abstracts-2021-virtual-annual-meeting-of-igcp-virtual-annual-meeting-of-igcp-735.html>

Dismantling myths on the airborne transmission of severe acute respiratory syndrome coronavirus (SARS-CoV-2)

Tang, J.W.; Bahnfleth, William; Bluysen, P.M.; Buonanno, G.; Jimenez, J.L.; **Kurnitski, Jarek** Journal of hospital infection 2021 / p. 89–96 <https://doi.org/10.1016/j.jhin.2020.12.022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dissolution of rare earth elements from phosphate ore in hydrochloric acid

Hacialioglu-Erlenheim, Gizem; Tõnsuaadu, Kaia; Urtson, Kristjan; Kallaste, Toivo; Triikkel, Andres XIV International Mineral Processing and Recycling Conference : proceedings 2021 / p. 166-171 : ill https://imprc.tfbor.bg.ac.rs/download/IMPRC_2021_Proceedings.pdf

Distantsõpe varsti läbi – ent kas lapsed tohivad olematu ventilatsiooniga klassidesse üldse tagasi minna?

Pau, Aivar forte.delfi.ee 2021 ["Distantsõpe varsti läbi – ent kas lapsed tohivad olematu ventilatsiooniga klassidesse üldse tagasi minna?"](https://www.ester.ee/record=b5431268*est)

Distributed energy laboratory concept focused on power electronics units

Poliakov, Nikolai; **Demidova, Galina; Zolov, Pavel** International Conference on Electromechanical and Power Systems (SIELMEN) 2021 / p. 387-392 <https://doi.org/10.1109/SIELMEN53755.2021.9600330>

Distributed scalable association rule mining over Covid-19 data

Shahin, Mahtab; Inoubli, Wissem; Shah, Syed Attique; Ben Yahia, Sadok; Draheim, Dirk Future Data and Security Engineering : 8th International Conference, FDSE 2021, Virtual Event, November 24–26, 2021 : proceedings 2021 / p. 39-52

https://doi.org/10.1007/978-3-030-91387-8_3 Conference Proceedings at Scopus Article at Scopus

The Distribution Index Calculator for Estonian

Vainik, Ene; **Lohk, Ahti**; Paulsen, Geda Electronic lexicography in the 21st century : post-editing lexicography : proceedings of the eLex 2021 conference : virtual, 5–7 July 2021 2021 / p. 121-138 <https://elex.link/elex2021/proceedings-download/>

Diver tracking in open waters : a low-cost approach based on visual and acoustic sensor fusion

Remmas, Mohamed Walid; Chemori, Ahmed; **Kruusmaa, Maarja** Journal of field robotics 2021 / p. 494–508
<https://doi.org/10.1002/rob.21999> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Dividendid, tulumaksukohustus ja kapitali vaba liikumine

Güldenkoh, Maret Raamatupidamise Praktik : RP 2021 / lk. 7-8 https://www.ester.ee/record=b2119353*est

Divider implementation based on USP-awadhoot division algorithm For area optimization

Patankar, Udayan Sunil; Koel, Ants; Patankar, Sunil M.; Flores, Miguel E. IEEE 4th Advanced Information Management, Communicates, Electronic and Automation Control Conference (IMCEC) 2021 / p. 1675-1682
<https://doi.org/10.1109/IMCEC51613.2021.9482132>

Dmitri Nešumajev, tehnika- ja arvutiteadused [Võrguväljaanne]

Nešumajev, Dmitri Eesti Teaduste Akadeemia : Youtube kanal 2021 / video [Dmitri Nešumajev, tehnika- ja arvutiteadused](#)

Dmitri Vinnikov valiti tehnika- ja arvutiteaduste akadeemikuks

Mente et Manu 2021 / lk. 7 https://www.ester.ee/record=b1242496*est

Dmitri Vinnikov, tehnika- ja arvutiteadused [Võrguväljaanne]

Vinnikov, Dmitri Eesti Teaduste Akadeemia : Youtube kanal 2021 / video [Dmitri Vinnikov, tehnika- ja arvutiteadused](#)

DNA tõi Soome lahest päevavalgele ligi 20 uut planktoniliiki [Võrguväljaanne]

Sildever, Sirje novaator.err.ee 2021 ["DNA tõi Soome lahest päevavalgele ligi 20 uut planktoniliiki"](#)

Do gender, age and education affect herding in the real estate market?

Talpsepp, Tõnn; Tänav, Anne-Liis Journal of behavioral and experimental finance 2021 / art. 100571 : ill
<https://doi.org/10.1016/j.jbef.2021.100571> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Does raising the pension age prolong working life? Evidence from pension age reform in Estonia

Soosaar, Orsolya; Puur, Allan; Leppik, Lauri Journal of pension economics and finance 2021 / 18 p
<https://doi.org/10.1017/S1474747220000244> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Doktorant arendas välja loomemajanduse poliitikate ideaaltüübid [Võrguväljaanne]

postimees.ee 2021 ["Doktorant arendas välja loomemajanduse poliitikate ideaaltüübid"](#)

Doktorant: tänaval kõndida on lõhnaküünlä põletamisest ohtlikum [Võrguväljaanne]

Harrik, Airika novaator.err.ee 2021 ["Doktorant: tänaval kõndida on lõhnaküünlä põletamisest ohtlikum"](#)

Doktorid 2021 / Tallinna Tehnikaülikool

2021 https://www.ester.ee/record=b4535112*est

Doktoritöö aitab lahendada Alzheimeri diagnoosimisega seotud vastuolusid

Mente et Manu 2021 / lk. 20-21 https://www.ester.ee/record=b1242496*est <https://doi.org/10.23658/taltech.15/2021>

Doktoritöö aitab lahendada Alzheimeri diagnoosimisega seotud vastuolusid [Võrguväljaanne]

mu.ee 2021 ["Doktoritöö aitab lahendada Alzheimeri diagnoosimisega seotud vastuolusid"](#)

Doktoritöö aitab lahendada Alzheimeri diagnoosimisega seotud vastuolusid [Võrguväljaanne]

Oidermaa, Jaan-Juhan novaator.err.ee 2021 ["Doktoritöö aitab lahendada Alzheimeri diagnoosimisega seotud vastuolusid"](#)

Doktoritöö aitab leida Läänemere keemiarelvi ja keelatud putukamürke [Võrguväljaanne]

Harrik, Airika novaator.err.ee 2021 ["Doktoritöö aitab leida Läänemere keemiarelvi ja keelatud putukamürke"](#)

Doktoritöö analüüsis Euroopa majandusliku ebakindluse tagajärgi [Võrguväljaanne]

novaator.err.ee 2021 ["Doktoritöö analüüsis Euroopa majandusliku ebakindluse tagajärgi"](#)

Doktoritöö näitab, kuidas päästa linnatänavad uputustest [Võrguväljaanne]

postimees.ee 2021 ["Doktoritöö näitab, kuidas päästa linnatänavad uputustest"](#)

Doktoritöö ulatab robottöökohti loovatele ettevõtetele abikäe [Võrguväljaanne]

Harrik, Airika; Kangru, Tavo novaator.err.ee 2021 / fot [Doktoritöö ulatab robottöökohti loovatele ettevõtetele abikäe](#)

Doktoritöö: Eesti filmitõlge pääses nõukogude ajal tsensuurist [Võrguväljaanne]

Hallik, A. novaator.err.ee 2021 ["Doktoritöö: Eesti filmitõlge pääses nõukogude ajal tsensuurist"](#)

Doktoritöö: Eesti hooldekodud vajavad reformi, hindajaid ja riigi kätt [Võrguväljaanne]

Harrik, Airika novaator.err.ee 2021 ["Doktoritöö: Eesti hooldekodud vajavad reformi, hindajaid ja riigi kätt"](#)

Doktoritöö: Eesti hooldekodude kvaliteeti tõstaks uus ohutuskultuur [Võrguväljaanne]

digi.geenius.ee 2021 ["Doktoritöö: Eesti hooldekodude kvaliteeti tõstaks uus ohutuskultuur"](#)

Doktoritöö: Eesti siidritööstus võiks mõelda kastist välja [Võrguväljaanne]

Harrik, Airika novaator.err.ee 2021 ["Doktoritöö: Eesti siidritööstus võiks mõelda kastist välja"](#)

Doktoritöö: Igasugune šokk Rootsi aktsiaturgudel kandub üle ka meile [Võrguväljaanne]

postimees.ee 2021 ["Doktoritöö: Igasugune šokk Rootsi aktsiaturgudel kandub üle ka meile"](#)

Doktoritöö: kastanist valmistatud materjal sobib toidupakendiks [Võrguväljaanne]

Oidermaa, Jaan-Juhan novaator.err.ee 2021 ["Doktoritöö: kastanist valmistatud materjal sobib toidupakendiks"](#)

Doktoritöö: keeleoskus mõjutab töö leidmist ja palka, aga mitte üheselt

Merivoo-Parro, Maarja novaator.err.ee 2021 ["Doktoritöö: keeleoskus mõjutab töö leidmist ja palka, aga mitte üheselt"](#)

Doktoritöö: liigsest vihmaveest aitaks vabaneda tark veetorustik [Võrguväljaanne]

Oidermaa, Jaan-Juhan novaator.err.ee 2021 ["Doktoritöö: liigsest vihmaveest aitaks vabaneda tark veetorustik"](#)
<https://digikogu.taltech.ee/et/Item/f02a02b2-da6e-4341-a69c-eba8d029e433>

Doktoritöö: mikroRNA mängib viljakuse tagamisel arvatust tähtsamat rolli [Võrguväljaanne]

Velthut-Meikas, Agne novaator.err.ee 2021 [Doktoritöö: mikroRNA mängib viljakuse tagamisel arvatust tähtsamat rolli](#)

Doktoritöö: sinisemat majanduskasvu aitavad vedada nutikad väikesadamad

Oidermaa, Jaan-Juhan novaator.err.ee 2021 ["Doktoritöö: sinisemat majanduskasvu aitavad vedada nutikad väikesadamad"](#)
<https://doi.org/10.23658/taltech.14/2021>

Doktoritööd : jaanuar - aprill 2021 : [doktorikraadi kaitsesid D. Trubitsõn, L. Liu, R. Ehrminger, P. Jõul, M. Jaagura, S. Sein, M. H. Ziko, T. Kudriavtseva, J. Sepp]

Mente et Manu 2021 / lk. 66 https://www.ester.ee/record=b1242496*est

Doktoritööd : jaanuar - aprill 2021 : [doktorikraadi kaitsesid J. Tuvikene, C. Priavolou, K. Janson, O. Korkh, R. Uukkivi, T. Kangru, M. H. Rashid, A. Pedai, A. Pantazis, R. Khan, S. Ridala, R. Männikus, I. Dünder, R. Philipp, K. Harkmann, L. Päeske, A. Cowart, M. Sardis]

Mente et Manu 2021 / lk. 60-61 : fot [Mente et Manu 2/2021](#)

Doktoritööd : juuni - september 2021 : [doktorikraadi kaitsesid Kusumahastuti, D. K. A., Pazaitis, A., Maennel, K., Kändler, N., Kõrge, K., Shaikh, A. A., Pesti, K., Zujev, M., Pihelgas, M., Kask, M., Muižniece, L., Malmberg, S., Tkachivskyi, D., Saffarshamshirgar, A., Asad, B., Iqbal, M. N., Rosend, J., Kimm, M.]

Mente et Manu 2021 / lk. 68-69 : fot https://www.ester.ee/record=b1242496*est

Doktoritööd : mai - juuni 2021 : [doktorikraadi kaitsesid E. Tuhkanen, J. Reimand, K. Ping, K. Kuhi, A. Luberg, L. Klepinina, C. Meurer, R. Kaupmees, A. Tart]

Mente et Manu 2021 / lk. 64-65 : fot https://www.ester.ee/record=b1242496*est

Doktoritööd : november - detsember 2020 : [doktorikraadi kaitsesid R. Ruubel, A. Nõmmik, V. Prilenska, A. Abdalazeez, X. Zheng, N. K. Kamboj, A. Vedešin, V. Kiisk, D. Pal, V. Kõrgmaa, S. Mäses, T. Minasyan, J. Raamets, N. Levenko, M. Ratas, M. Kolnes]

Mente et Manu 2021 / lk. 69 [Mente et Manu 1/2021](#) https://www.ester.ee/record=b1242496*est

DOME : recommendations for supervised machine learning validation in biology

Walsh, Ian; Fishman, Dmytro; Garcia-Gasulla, Dario; Titma, Tiina; Pollastri, Gianluca; Harrow, Jennifer; Psomopoulos, Fotis E.; Tosatto, Silvio C. E. Nature methods 2021 / p. 1122–1127 <https://doi.org/10.1038/s41592-021-01205-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dr Keegan McBride: The current government is making the same mistakes the previous one did [Online publication]

Tambur, Silver estonianworld.com 2021 ["Dr Keegan McBride: The current government is making the same mistakes the previous one did"](#)

Dr Viigimaa avaldab, mitu kilomeetrit tuleks südame kaitsmiseks päevas kõndida

Viigimaa, Margus tervis.postimees.ee 2021 <https://tervis.postimees.ee/7228406/dr-viigimaa-avalgab-mitu-kilomeetrit-tuleks-sudame-kaitsmiseks-paevas-kondida>

Drastic effects on the microbiome of a young rower engaged in high-endurance exercise after a month usage of a dietary fiber supplement

Jaago, Mariliis; Timmusk, Uku Siim; **Timmusk, Tõnis; Palm, Kaia** Frontiers in Nutrition 2021 / art. #654008, 11 p. : ill <https://doi.org/10.3389/fnut.2021.654008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Drivers and barriers for the development of smart sustainable cities : a systematic literature review

Schuch de Azambuja, Luiza ICEGOV '21: Proceedings of the 14th International Conference on Theory and Practice of Electronic Governance 2021 / p. 422 - 428 <https://doi.org/10.1145/3494193.3494250> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Drivers for and barriers to the cross-border implementation of the once-only principle

Leosk, Nele; **Pöder, Irma; Schmidt, Carsten; Kalvet, Tarmo; Krimmer, Robert Johannes** The once-only principle : The TOOP project 2021 / p. 38–60 https://doi.org/10.1007/978-3-030-79851-2_3 [Collection metrics at Scopus](#) [Article at Scopus](#) [Collection metrics at WOS](#) [Article at WOS](#)

Droon lendab terroriohvreile appi

Imeline Teadus 2021 / lk. 20 : fot https://www.ester.ee/record=b2747925*est

Dual ELISA using SARS-CoV-2 N protein produced in E. coli and CHO cells reveals epitope masking by N-glycosylation

Rump, Airi; Risti, Robert; Kristal, Mai-Ly; **Reut, Jekaterina; Sõritski, Vitali; Lõokene, Aivar; Rüütel Boudinot, Sirje** Biochemical and biophysical research communications 2021 / p. 457–460 <https://doi.org/10.1016/j.bbrc.2020.11.060> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dual-Mode magnetically integrated photovoltaic microconverter with adaptive mode change and global maximum power point tracking

Mashinchi Maheri, Hamed; Vinnikov, Dmitri; Chub, Andrii; Korkh, Oleksandr; Rosin, Argo; Babaei, Ebrahim IET renewable power generation 2021 / p. 86-98 <https://doi.org/10.1049/rpg2.12007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dubais algab Eesti haridust tutvustav nädal [Võrguväljaanne]

goodnews.ee 2021 ["Dubais algab Eesti haridust tutvustav nädal "](#)

Dubais maailmanäitusel algab Eesti haridust tutvustav nädal [Võrguväljaanne]

postimees.ee 2021 ["Dubais maailmanäitusel algab Eesti haridust tutvustav nädal "](#)

Dye-decolorizing peroxidases from Streptomyces coelicolor show organosolv lignin remodeling activity

Pupart, Hegne; Ojangu, Eve-Ly; Zovo, Kairit; Lukk, Tiit FEBS Open Bio 2021 / p. 63 <https://febs.onlinelibrary.wiley.com/doi/epdf/10.1002/2211-5463.13206> <https://doi.org/10.1002/2211-5463.13206>

Dynamic network tariff in practices : key issues and challenges

Singh, Praveen Prakash; Wen, Fushuan; Palu, Ivo 2021 IEEE 4th International Conference on Computing, Power and Communication Technologies (GUCon) 2021 / p. 1-6 <https://doi.org/10.1109/GUCon50781.2021.9573767>

Early experimental investigations on slotted-in steel plate connections with self-perforating dowels in CLT

Tuhkanen, Eero; Ojamaa, Martin Wood material science and engineering Wood material science & engineering 2021 / p. 102-109 : ill <https://doi.org/10.1080/17480272.2019.1626482> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Easy-to-implement simulation strategies for dynamic glare risk assessment based on the European Daylighting Standard

Bueno, Bruno; **Sepulveda Luque, Abel** 17th International Conference of the International Building Performance Simulation Association (BS 2021), Bruges, Belgium, 1 – 3 September 2021 : proceedings 2021 / p. 1195-1202 [17th International Conference of the International Building Performance Simulation Association \(BS 2021\), Bruges, Belgium, 1 – 3 September 2021](#) <https://doi.org/10.26868/25222708.2021.30208>

Economic and Environmental Assessment of Environmental Pollution by Construction Companies in Ukraine in the System of Environmental Management in the Post-Pandemic Period

Zubko, Katerina; Samus, Hanna; Tsyhanenko, Olena; Troian, Maria; **Järvis, Marina** SHS Web of Conferences, vol. 126 2021 / art. 01004 <https://doi.org/10.1051/shsconf/202112601004>

Economic dispatch of CHP units through District Heating Network's demand-side management

Rušeljuk, Pavel; Lepiksaar, Kertu; Siirde, Andres; Volkova, Anna Energies 2021 / art. 4553, 20 p. : ill <https://doi.org/10.3390/en14154553> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ecotoxicity profiling of a library of 24 L-phenylalanine derived surface-active ionic liquids (SAILs)

Kusumahastuti, Dewi Kurnianingsih Arum; Sihtmäe, Mariliis; Aruoja, Villem; **Gathergood, Nicholas;** Kahru, Anne Sustainable chemistry and pharmacy 2021 / art. 100369, 10 p <https://doi.org/10.1016/j.scp.2020.100369> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ecotoxicological profiling and antibacterial potency of a series of 24 L-phenylalanine based SAILs = 24 L-fenüülalaniini-põhise ioonvedeliku ökotoksikoloogiline ja antibakteriaalne iseloomustamine

Kusumahastuti, Dewi Kurnianingsih Arum 2021 <https://doi.org/10.23658/tallinn.30/2021> https://www.ester.ee/record=b5436547*est <https://digikogu.taltech.ee/et/Item/bae0391e-b57c-476d-acda-6cd147ee55d0>

Edge-to-Fog collaborative computing in a swarm of drones

Rahbari, Dadmehr; Alam, Muhammad Mahtab; Le Moullec, Yannick; Jenihhin, Maksim Advances in Model and Data Engineering in the Digitalization Era : MEDI 2021 International Workshops: DETECT, SIAS, CSMMML, BIOC, HEDA, Tallinn, Estonia, June 21–23, 2021 : proceedings 2021 / p. 78–87 https://doi.org/10.1007/978-3-030-87657-9_6 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Editorial overview : a closer look on green developments in analytical chemistry: green analytical chemistry is going mainstream

Koel, Mihkel; Kaljurand, Mihkel Current Opinion in Green and Sustainable Chemistry 2021 / Art. 100541 <https://doi.org/10.1016/j.cogsc.2021.100541> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Editorial: The future of organizations in the age of digital transformation - a critical discussion beyond marketing and buzzword

Durst, Susanne; Temel, Serdal; Ulvenblad, Pia Management revue 2021 / p. 106-107 <https://doi.org/10.5771/0935-9915-2021-2-106> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Eduard Brindfeldt: Tehnikaerialad saaks popiks karjäärinõustajate abiga [Võrguväljaanne]

Raig, Tanel TööstusEST 2021 <https://toostusest.ee/uudis/2021/02/02/eduard-brindfeldt-tehnikaerialad-saaks-popiks-karjaarinoustajate-abiga/>

Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Vol. 1

2021 <https://doi.org/10.1007/978-3-030-68198-2>

Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Vol. 2

2021 <https://link.springer.com/book/10.1007%2F978-3-030-68201-9> <https://doi.org/10.1007/978-3-030-68201-9>

Educating future digital leaders : developing e-governance curriculum in Estonia and Ukraine

Morze, Nataliia; Makhachashvili, Rusudan; **Mosiashvili, Gvantsa; Pappel, Ingrid** DHW 2021: Digital Humanities Workshop 2021 / p. 185 - 190 <https://doi.org/10.1145/3526242.3526253> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Educating the energy informatics specialist : opportunities and challenges in light of research and industrial trends

Bordin, Chiara; **Mishra, Sambeet;** Safari, Amir; Eliassen, Frank SN Applied Sciences 2021 / art. 674 <https://doi.org/10.1007/s42452-021-04610-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Educating the Global Maritime Professional - a case of collaborative e-learning

Bolmsten, Johan; Manuel, Michael; Kaizer, Adam; **Kasepõld, Kadi;** Sköld, Daniel; Ziemaska, Monika Journal of Maritime Affairs 2021 / p. 309–333 : ill <https://doi.org/10.1007/s13437-020-00224-w>

Eero Loonurm: sisserändest ja õpirände tegelikust panusest ühiskonda [Võrguväljaanne]

Loonurm, Eero err.ee 2021 ["Eero Loonurm: sisserändest ja õpirände tegelikust panusest ühiskonda."](https://eero.loonurm.ee/sisserandest-ja-opirande-tegelikust-panusest-uhiskonda/)

Eero Vasar ja Tarmo Soomere: varipandeemiast eluohtliku defitsiidini [Võrguväljaanne]

Vasar, Eero; **Soomere, Tarmo** postimees.ee 2021 ["Eero Vasar ja Tarmo Soomere: varipandeemiast eluohtliku defitsiidini."](https://postimees.ee/veeb/2021/07/17/3.1)

Eeskuju ehk Iseend muutes muudame maailma

Soomere, Tarmo Arvamus, kultuur : [ajalehe Postimees lisa] 2021 / Lk. 4 <https://dea.digar.ee/article/ak/2021/07/17/3.1>

Eessõna

Roosileht, Mare Aastaraamat 2020 : TalTech Virumaa Kolledž 2021 / lk. 4-5 : fot https://www.ester.ee/record=b2666429*est <http://data.vk.edu.ee/aastaraamat20/>

Eessõna

Küttner, Rein Terviklik tootmine : tootmise juhtimine ja planeerimine 2021 / lk. 4-5 https://www.ester.ee/record=b5451830*est

Eesti 13. kohal Euroopas: innovatsiooniliidrite klubi tahab innovatsiooniindeksit veelgi tõsta [Võrguväljaanne]

digi.geenius.ee 2021 ["Eesti 13. kohal Euroopas: innovatsiooniliidrite klubi tahab innovatsiooniindeksit veelgi tõsta"](#)

Eesti aasta kaitseliitlane ja naiskodukaitsja kuulutatakse välja 13. veebruaril [Võrguväljaanne]

jarvateataja.postimees.ee 2021 ["Eesti aasta kaitseliitlane ja naiskodukaitsja kuulutatakse välja 13. veebruaril"](#)

Eesti akadeemik ventilatsioonist: tuleb töötada suunas, et oleks võimalus ka ohutult hingata [Võrguväljaanne]

postimees.ee 2021 ["Eesti akadeemik ventilatsioonist: tuleb töötada suunas, et oleks võimalus ka ohutult hingata"](#)

EESTI BERMUDA KOLMNURK? Dave Bentoni perre valusa tühimiku jätnud Väinamere veetee kogub pahaendelist kuulsust [Võrguväljaanne]

Riik, Marvel ohtuleht.ee 2021 ["EESTI BERMUDA KOLMNURK? Dave Bentoni perre valusa tühimiku jätnud Väinamere veetee kogub pahaendelist kuulsust"](#)

Eesti eduloo hääbumine

Kattel, Rainer Postimees 2021 / Lk. 13 <https://dea.digar.ee/article/postimees/2021/04/06/11.8>

Eesti e-edulugu kiilus kriisiajal kinni

McBride, Keegan David Braun Eesti Päevaleht 2021 / Lk. 2-3 <https://dea.digar.ee/article/eestipaevaleht/2021/01/07/5.4>

Eesti Energia nõukogu esimees: ausõna, meie ei taha kliima soojenemisele kaasa aidata

Eesti Päevaleht 2021 / Lk. 18-19 <https://dea.digar.ee/article/eestipaevaleht/2021/06/02/20.5>

Eesti Energia nõukogu esimees: ausõna, meie ei taha kliima soojenemisele kaasa aidata [Võrguväljaanne]

epl.delfi.ee 2021 ["Eesti Energia nõukogu esimees: ausõna, meie ei taha kliima soojenemisele kaasa aidata"](#)

Eesti Energia uurib põlevkivitööstuse muutmist CO2-neutraalseks keemiatööstuseks

Põhjarannik 2021 / Lk. 8 <https://dea.digar.ee/article/pohjarannik/2021/11/06/13.3>

Eesti Energia uurib põlevkivitööstuse muutmist CO2-neutraalseks keemiatööstuseks [Võrguteavik]

Kundla, Rene err.ee 2021 ["Eesti Energia uurib põlevkivitööstuse muutmist CO2-neutraalseks keemiatööstuseks"](#)

Eesti Energia õlitehas sai nurgakivi [Võrguväljaanne]

postimees.ee 2021 ["Eesti Energia õlitehas sai nurgakivi"](#)

Eesti Energia изучает изменение сланцевой промышленности

Северное побережье (Пыхьярannik) 2021 <https://dea.digar.ee/article/severnojepob/2021/11/06/14.3>

Eesti Energia скоро получит новые технологии для уменьшения выбросов [Online resource]

Fjodorov, Aleksei rus.err.ee 2021 ["Eesti Energia скоро получит новые технологии для уменьшения выбросов"](#)

Eesti Energia: põlevkivi aheraine sobib mitmel pool ehituseks [Võrguväljaanne]

postimees.ee 2021 ["Eesti Energia: põlevkivi aheraine sobib mitmel pool ehituseks"](#)

Eesti Energia: õlitehase rajamine kulgeb plaanipäraselt [Võrguväljaanne]

err.ee 2021 ["Eesti Energia: õlitehase rajamine kulgeb plaanipäraselt"](#)

Eesti Energia: строительство завода масел Enefit идет по плану [Online resource]

Stolitsa.ee 2021 ["Eesti Energia: строительство завода масел Enefit идет по плану"](#)

Eesti esimene molekulaarsete markerite abil aretatud suvinisu aitab kaasa rohepöördele [Võrguväljaanne]

maaelu.postimees.ee 2021 ["Eesti esimene molekulaarsete markerite abil aretatud suvinisu aitab kaasa rohepöördele"](#)

Eesti esimesel rehviteel sõidavad ka Kaitseväge raskeliiklusvahendid

Sillamäe, Sven Teeleht 2021 / lk. 35-37 : fot https://www.ester.ee/record=b1073043*est <https://transpordiamet.ee/uudised-ametist-ja-kontakt/trukised-ja-valjaanded#item-1>

Eesti e-tervis ootab pikisilmi uusi innovaatilisi lahendusi [Võrguväljaanne]

Filippov, Madis med24.ee 2021 ["Eesti e-tervis ootab pikisilmi uusi innovaatilisi lahendusi"](#)

Eesti ettevõtted osalevad Barcelonas targa linna messil [Võrguväljaanne]

goodnews.ee 2021

Eesti hakkab juhtima peateadurite foorumit

Soomere, Tarmo Eesti Teaduste Akadeemia sõnas ja pildis 2020 2021 / lk. 104-105 <https://arvamus.postimees.ee/7007496/tarmo-soomere-estti-hakkab-juhtima-peateadurite-foorumit>

Eesti inseneri tehnoloogia aitab eraldada arvuti trükkplaatidest väärtuslikud metallid [Võrguväljaanne]
keskkonnatehnika.ee 2021 "[Eesti inseneri tehnoloogia aitab eraldada arvuti trükkplaatidest väärtuslikud metallid](#)"

Eesti inseneri tehnoloogia aitab eraldada vanadest arvutiosadest väärtuslikud metallid [Võrguväljaanne]
Bioneer.ee 2021 "[Eesti inseneri tehnoloogia aitab eraldada vanadest arvutiosadest väärtuslikud metallid](#)"

Eesti isesõitva bussi avarii Helsingis põhjustas juht. "See on inimene, kes teeb liikluses vigu" [Võrguväljaanne]
ituedised.ee 2021 "[Eesti isesõitva bussi avarii Helsingis põhjustas juht. "See on inimene, kes teeb liikluses vigu" "](#)

Eesti IT tippteadus on koondatud värskesse EXCITE ajakirja
Mente et Manu 2021 / lk. 8 : fot https://www.ester.ee/record=b1242496*est

Eesti kaitsetööstus on kümne aastaga kujunenud tugevaks majandusharuks
Ränisoo, Tarmo Postimees 2021 / Lk. 18-19 : fot <https://dea.digar.ee/article/postimees/2021/02/25/15.2>

Eesti kalapüügilaevad pakuvad põnevat tööd Atlandi ookeanil ja Põhja-Jäämeres [Võrguväljaanne]
aripaev.ee 2021 "[Eesti kalapüügilaevad pakuvad põnevat tööd Atlandi ookeanil ja Põhja-Jäämeres "](#)

Eesti Kalastajate Selts: pakume lihtsaid ja selgeid lahendusi [Võrguväljaanne]
ohtuleht.ee 2021 "[Eesti Kalastajate Selts: pakume lihtsaid ja selgeid lahendusi](#)"

Eesti keelt toetaks see, kui rohkem Eesti oma inimesi tuleks kraadiõppesse
Vilo, Jaak; Piho, Gunnar; Leis, Paul; Vahtra, Katre Arvamus, kultuur : [ajalehe Postimees lisa] 2021 / Lk. 2-3 : fot <https://dea.digar.ee/article/ak/2021/06/19/2.2>

Eesti kodusid ootab peagi ees renoveerimismaraton [Võrguväljaanne]
Kalamees, Targo Äripäev 2021 / Lk. 12 "[Eesti kodusid ootab peagi ees renoveerimismaraton](#)"

Eesti kolm suurimat advokaadibürood toetavad õigushariduse reformi [Võrguväljaanne]
postimees.ee 2021 "[Eesti kolm suurimat advokaadibürood toetavad õigushariduse reformi](#)"

Eesti koolid vajavad kohe kiiret remonti
Strandberg, Marek Postimees 2021 / Lk. 18-19 : fot <https://dea.digar.ee/article/postimees/2021/03/26/15.5>

Eesti koolitüdruku teadustöö mammutitest sai rohkelt auhindu [Võrguväljaanne]
opleht.ee 2021 "[Eesti koolitüdruku teadustöö mammutitest sai rohkelt auhindu "](#)

Eesti korraldas maailma turbamaade virtuaalse kongressi, osaliselt on see veel püsti Kadrioru pargis [Võrguväljaanne]
Pomerants, Marko maaleht.ee 2021 "[Eesti korraldas maailma turbamaade virtuaalse kongressi, osaliselt on see veel püsti Kadrioru pargis](#)"

Eesti korvpallikoondise EM-ile aidanud kangelaste teekond nooruspõlvest tippkorvpallini [Võrguväljaanne]
Viskus, Liisi; Ruus, Kaspar delfi.ee 2021 "[Eesti korvpallikoondise EM-ile aidanud kangelaste teekond nooruspõlvest tippkorvpallini](#)"

Eesti korvpallisatsid tahavad „mullis“ lätlastel selja prügiseks teha. „Ainult kohalike klubidega kohtudes tekib paramatult mugavus“
Kaljurand, Eigo Õhtuleht 2021 / Lk. 18-19 : ill <https://dea.digar.ee/article/ohtuleht/2021/04/07/18.6>

Eesti Kultuuri Koja aastakonverents «Inimene piiril eri teadusvaldkondade vaates» [Võrguväljaanne]
Peinar, Claire postimees.ee 2021 "[Eesti Kultuuri Koja aastakonverents «Inimene piiril eri teadusvaldkondade vaates»](#)"

Eesti Kultuuri Koja konverents uurib ja kirjeldab piire inimeses ning ühiskonnas [Võrguväljaanne]
opleht.ee 2021 "[Eesti Kultuuri Koja konverents uurib ja kirjeldab piire inimeses ning ühiskonnas](#)"

Eesti kõrgkoolid käivitasid koolituskrediidi [Võrguväljaanne]
Ojaments, Indrek postimees.ee 2021 "[Eesti kõrgkoolid käivitasid koolituskrediidi](#)"

Eesti lapsed liiguvad värskes õhus vähem kui vangid
Postimees 2021 / Lk. 7 <https://dea.digar.ee/article/postimees/2021/04/05/6.1>

Eesti Laulu finaali avalöögi andnud Goresoerdi ninamees: algne erutus asendus kohe luupainajaga [Võrguväljaanne]
Ruul, Heidi elu24.ee 2021 "[Eesti Laulu finaali avalöögi andnud Goresoerdi ninamees: algne erutus asendus kohe luupainajaga](#)"

Eesti leiutis paneb suurte hoonete kütte ja jahutusautomaatika raha teenima [Võrguväljaanne]
Eesti Ekspress 2021 / Lk. 13 https://www.ester.ee/record=b5161895*est

Eesti logistikarobot sai digitaalse kaksiku [Võrguväljaanne]

geenius.ee 2021 ["Eesti logistikarobot sai digitaalse kaksiku"](#)

Eesti lubab looduskaitsealal üliohtlikku äri ajada

Harju, Ülle Postimees 2021 / Lk. 4-5 : fot <https://leht.postimees.ee/7168042/eesti-lubab-looduskaitsealal-ulohtlikku-ari-ajada>

Eesti lubab looduskaitsealal üliohtlikku äri ajada

Harju, Ülle Postimees 2021 / Lk. 2 <https://dea.digar.ee/article/postimees/2021/01/30/3.8>

Eesti Masinatööstuse Liit tunnustas parimaid: aasta sõbraks valiti Leedu Masinatööstuse Liit [Võrguväljaanne]

toostusuudised.ee 2021 ["Eesti Masinatööstuse Liit tunnustas parimaid: aasta sõbraks valiti Leedu Masinatööstuse Liit "](#) ["Eesti Masinatööstuse Liit tunnustas parimaid: aasta sõbraks valiti Leedu Masinatööstuse Liit "](#)

Eesti Masinatööstuse Liit tähistas 85. sünnipäeva [Võrguväljaanne]

Ploompui, Triin tootusest.ee 2021 ["Eesti Masinatööstuse Liit tähistas 85. sünnipäeva"](#)

Eesti Mereakadeemia õppekavad 2021/22 / TalTech

2021 https://www.ester.ee/record=b5455869*est

Eesti merekaitse tulevikutsenaariumid

Roosipuu, Tauri Sõjateadlane = Estonian journal of military studies 2021 / lk. 34-45

eesti meremeeste maksukäitumise uuringu tulemustest

Viilipus, Jaak Meremees. Veeteede Ameti teataja 2021 / lk. 23-25 : ill https://issuu.com/ajakirimeremees/docs/meremees_2021_1-4_veeteede_teataja_2021_1-4 https://www.ester.ee/record=b4646644*est

Eesti noore ajaloolase pöörane hüpotees

Erelt, Pekka Eesti Ekspress 2021 / Lk. 32-34 : fot <https://dea.digar.ee/article/eestiekspress/2021/01/27/24.1>

Eesti noorte teaduste akadeemia valis uue juhatuse [Võrguväljaanne]

opleht.ee 2021 ["Eesti noorte teaduste akadeemia valis uue juhatuse"](#)

Eesti noorte teaduste akadeemia valis uue presidendi ja juhatuse [Võrguväljaanne]

postimees.ee 2021 ["Eesti noorte teaduste akadeemia valis uue presidendi ja juhatuse"](#)

Eesti noorte teaduste akadeemiasse valiti neli TalTechi teadlast

Mente et Manu 2021 / lk. 7 : fot https://www.ester.ee/record=b1242496*est

Eesti Olümpiakomitee kutsub: osale septembris Spordinädala väljakutses! [Võrguväljaanne]

postimees.ee 2021 ["Eesti Olümpiakomitee kutsub: osale septembris Spordinädala väljakutses!"](#)

Eesti oma kapitalistide Woodstock : raketihoiatused ja edulood

Investor 2021 / lk. 22-24 : fot https://www.ester.ee/record=b5266435*est

Eesti omariiklus saab peagi põlistatud [Võrguväljaanne]

Velliste, Trivimi parnu.postimees.ee 2021 ["Eesti omariiklus saab peagi põlistatud "](#)

Eesti omariikluse taastamine ja kohaliku omavalitsuse koht selles = Die Wiederherstellung der estnischen Eigenstaatlichkeit und die Stellung der lokalen Selbstverwaltung darin = Restoration of the statehood of Estonia and the role of the local government in it

Mäeltsemees, Sulev; Raudjärv, Matti Estonian discussions on economic policy : 30 years from the restoration of independence of the Republic of Estonia (20 august 1991). School of Business and Governance of Tallinn University of Technology - 80. 25 years from the first International Scientific Conference on Economic Policy. 25 years from the establishment of the regional college, Pärnu College of the University of Tartu in Pärnu = Estnische Gespräche über Wirtschaftspolitik : 30 Jahre seit Wiederherstellung der Unabhängigkeit der Republik Estland (20. August 1991). Wirtschaftswissenschaftliche Fakultät für Technische Universität Tallinn - 80. Vor 25 Jahren fand die erste International Konferenz für Wirtschaftspolitik statt. Vor 25 Jahren wurde das College Pärnu der Tartuer Universität gegründet = Eesti majanduspoliitilised väitlused : 30 aastat Eesti Vabariigi taasiseseisvumisest (20. august 1991). Tallinna Tehnikaülikooli majandusteaduskond - 80. 25 aastat esimesest rahvusvahelisest majanduspoliitika konverentsist. 25 aastat regionaalse kolledži, Tartu ülikooli Pärnu kolledži asutamisest Pärnus. 29, 1-2 2021 / lk. 22-32 https://www.ester.ee/record=b2280774*est
[Journal metrics at Scopus](#) [Article at Scopus](#)

Eesti Panga teaduspreemia laureaadi töös uuriti majanduskasvu satelliidiandmete põhjal [Võrguväljaanne]

postimees.ee 2021 ["Eesti Panga teaduspreemia laureaadi töös uuriti majanduskasvu satelliidiandmete põhjal"](#)

Eesti paviljon ajab õiget asja

Alla, Hendrik Postimees 2021 / Lk. 23 ["Eesti paviljon ajab õiget asja"](#)

Eesti platvormitöötajad on krooniliselt ülekoormatud [Võrguväljaanne]

Merivoo-Parro, Maarja novaator.err.ee 2021 ["Eesti platvormitöötajad on krooniliselt ülekoormatud"](#)

Eesti polaaruuringuute komisjon

Vaikmäe, Rein Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2020 2021 / lk. 37-38 https://www.ester.ee/record=b1218094*est

Eesti Post katsetab Tallinnas eestimaiste uudsete elektriliste kaubaratastega postivedu [Võrguväljaanne]

majandus24.postimees.ee 2021 ["Eesti Post katsetab Tallinnas eestimaiste uudsete elektriliste kaubaratastega postivedu"](#)

Eesti Post тестирует доставку отправлений на электрических грузовелосипедах [Online resource]

rus.postimees.ee 2021 ["Eesti Post тестирует доставку отправлений на электрических грузовелосипедах "](#)

Eesti presidendiks on valmis kandideerima akadeemik Tarmo Soomere [Võrguväljaanne]

Sildam, Toomas err.ee 2021 ["Eesti presidendiks on valmis kandideerima akadeemik Tarmo Soomere"](#)

Eesti põlevkiviteaduse grand old lady: põlevkivi ei saa kivisõega samasse patta panna [Võrguväljaanne]

arileht.delfi.ee 2021 ["Eesti põlevkiviteaduse grand old lady: põlevkivi ei saa kivisõega samasse patta panna"](#)

Eesti põlevkivitööstuse aastaraamat 2019

Oone, Annely Aastaraamat 2020 : TalTech Virumaa Kolledž 2021 / lk. 85 : ill https://www.ester.ee/record=b2666429*est
<http://data.vk.edu.ee/aastaraamat20/>

Eesti põlevkivitööstuse aastaraamat 2020

2021 [Aastaraamat 2020](#)

Eesti päritolu koroonaviiruse antikehade kiirtest on valmis saanud [Võrguväljaanne]

Jürisoo, Lauri forte.delfi.ee 2021 ["Eesti päritolu koroonaviiruse antikehade kiirtest on valmis saanud"](#)

Eesti Raamatukoguhoidjate Ühing tunnustab parimaid raamatukoguhoidjaid [Võrguväljaanne]

Pärm, L. 2021 ["Eesti Raamatukoguhoidjate Ühing tunnustab parimaid raamatukoguhoidjaid"](#)

Eesti Raamatukoguhoidjate Ühingu aastaraamat 2020

2021 https://www.ester.ee/record=b1209172*est

Eesti Raamatukoguhoidjate Ühingu tegevus 2020. aastal

Tõiste, Tuuliki Raamatukogu 2021 / lk. 34-36 : fot https://issuu.com/nlib/docs/rk_2021_2 https://www.ester.ee/record=b1817020*est

Eesti Raudtee uueks juhiks sai Kaido Zimmermann [Võrguväljaanne]

err.ee 2021 ["Eesti Raudtee uueks juhiks sai Kaido Zimmermann"](#)

Eesti roki sünd tudengite kuumadel pidudel TPLs [Võrguväljaanne]

Talivee, Tõnu ohtuleht.ee 2021 ["Eesti roki sünd tudengite kuumadel pidudel TPLs"](#)

Eesti suurimad ülikoolid ja teaduspargid ühinevad teadmismahuka ettevõtluse toetamiseks

Mente et Manu 2021 / lk. 6-7 : portr [Mente et Manu 2/2021](#)

Eesti suurimad ülikoolid ja teaduspargid ühinevad teadmismahuka ettevõtluse toetamiseks [Võrguväljaanne]

opleht.ee 2021 ["Eesti suurimad ülikoolid ja teaduspargid ühinevad teadmismahuka ettevõtluse toetamiseks "](#)

Eesti taasiseseisvumine ja järgnenud 30 aastat : artiklite koopiad meediast

2021 https://www.ester.ee/record=b5466359*est

Eesti taimsete piimajookide turg kasvab, aga on veel ühekülgne [Võrguväljaanne]

Harrik, Airika; **Vaikma, Helen** novaator.err.ee 2021 / fot [Eesti taimsete piimajookide turg kasvab, aga on veel ühekülgne](#)

Eesti tarkvaraarendajad panustavad satelliitide edendamisse

Kolk, Mariliis Postimees 2021 / Lk. 15 : fot <https://dea.digar.ee/article/postimees/2021/05/26/13.5>

Eesti teadlane luuras Hiina kasuks

Ohtuleht 2021 / Lk. 6 <https://dea.digar.ee/article/ohtuleht/2021/03/20/2.12>

Eesti teadlane sai rahvusvahelise tunnustuse : [TTÜ professor ja akadeemik Jarek Kurnitski rahvusvaheliselt liidult

REHVA Euroopa ventilatsioonijuhiste loomise eest]

Eesti Elu : [Kanada ajaleht] 2021 / lk. 2

Eesti teadlane sai rahvusvahelise tunnustuse töö eest pandeemia leviku tõkestamisel [Võrguväljaanne]

Jürisoo, Lauri forte.delfi.ee 2021 / fot [Eesti teadlane sai rahvusvahelise tunnustuse töö eest pandeemia leviku tõkestamisel](#)

Eesti teadlane töötas aastaid salaja Hiina sõjaväeluure kasuks [Võrguväljaanne]

Aleksejev, Anton; Otsmaa, Margitta err.ee 2021 / fot [Eesti teadlane töötas aastaid salaja Hiina sõjaväeluure kasuks](#)

Eesti teadlased ja Covid-19: läbipõdenute vaktsineerimine pole vajalik [Võrguväljaanne]

goodnews.ee 2021 ["Eesti teadlased ja Covid-19: läbipõdenute vaktsineerimine pole vajalik"](#)

Eesti teadlased on suutnud tervislikuks muuta nii šokolaadi kui ka krõpsud

Raamets, Heli Maaleht 2021 / Lk. 12-13 : ill <https://dea.digar.ee/article/maaleht/2021/04/01/13.2>

Eesti teadlased otsivad ravi levinud haigusele, mis ajab silmad villi [Võrguväljaanne]

Timmusk, Tõnis novaator.err.ee 2021 / fot [Eesti teadlased otsivad ravi levinud haigusele, mis ajab silmad villi](#)

Eesti teadlased otsivad ravi levinud haigusele, mis ajab silmad villi [Võrguväljaanne]

novaator.err.ee 2021 ["Eesti teadlased otsivad ravi levinud haigusele, mis ajab silmad villi"](#)

Eesti teadlased püüavad multiskleroosi varakult avastada [Võrguväljaanne]

Harrik, Airika novaator.err.ee 2021 ["Eesti teadlased püüavad multiskleroosi varakult avastada"](#)

Eesti teadlased tahavad aidata Kuul elektrit toota

Imeline Teadus 2021 / lk. 23 : fot https://www.ester.ee/record=b2747925*est

Eesti teadlased tutvustavad koroonaviirusega seotud uuringuid [Võrguväljaanne]

Povilaitis, Dmitri pealinn.ee 2021 ["Eesti teadlased tutvustavad koroonaviirusega seotud uuringuid"](#)

Eesti teadlast tunnustati ventilatsiooni tähtsustamise eest

Imeline Teadus 2021 / lk. 21 : fot https://www.ester.ee/record=b2747925*est

Eesti teadlaste hinnangul on Fukushima jahutusvee ookeani laskmine ohutu [Võrguväljaanne]

Kannel, Astrid err.ee 2021 ["Eesti teadlaste hinnangul on Fukushima jahutusvee ookeani laskmine ohutu"](#)

Eesti teadlaste juhtimisel luuakse droonilahendus terrorirünnaku ohvrite aitamiseks [Võrguväljaanne]

digi.geenius.ee 2021 ["Eesti teadlaste juhtimisel luuakse droonilahendus terrorirünnaku ohvrite aitamiseks"](#)

Eesti teadlaste mudel kergitab närviimpulsside köögipoolelt saladusloori [Võrguväljaanne]

Oldermäe, Jaan-Juhan novaator.err.ee 2021 / fot [Eesti teadlaste mudel kergitab närviimpulsside köögipoolelt saladusloori](#)

Eesti teaduse populariseerimise auhind : Jüri Engelbrecht teaduse populariseerija ja liidrina : [Tiiu Silla nimelise elutööpreemia laureaati]

Eesti Teaduste Akadeemia sõnas ja pildis 2020 2021 / lk. 88-89 : fot

Eesti teaduse populariseerimise elutööpreemia pälvis astronoom Tõnu Viik [Võrguväljaanne]

tartupostimees.ee 2021 ["Eesti teaduse populariseerimise elutööpreemia pälvis astronoom Tõnu Viik"](#) ["Teaduse populariseerimise elutööpreemia pälvis Tõnu Viik"](#)

Eesti teadusele on Dubais praegu huvitavad päevad [Võrguväljaanne]

Tarve, Timo; Tõnismäe, Remo postimees.ee 2021 ["Eesti teadusele on Dubais praegu huvitavad päevad"](#)

Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2020

2021 https://www.ester.ee/record=b1218094*est

Eesti teaduste akadeemia ja Eesti noorte teaduste akadeemia sõlmisid assotsiatsioonilepingu [Võrguväljaanne]

postimees.ee 2021 ["Eesti teaduste akadeemia ja Eesti noorte teaduste akadeemia sõlmisid assotsiatsioonilepingu"](#)

Eesti teaduste akadeemia järelhüüe Anto Raukasele [Võrguväljaanne]

postimees.ee 2021 ["Eesti teaduste akadeemia järelhüüe Anto Raukasele"](#)

Eesti Teaduste Akadeemia kroonviiruse pandeemiast väljumise strateegia

Soomere, Tarmo; Niinemets, Ülo; **Randma-Liiv, Tiina;** Järv, Jaak Eesti Teaduste Akadeemia sõnas ja pildis 2020 2021 <https://leht.postimees.ee/6981409/akadeemikud-sammud-elamist-vaariva-tuleviku-poolle>

Eesti Teaduste Akadeemia sõnas ja pildis 2020

2021 https://www.ester.ee/record=b5054043*est

Eesti teaduste akadeemia valis neli uut akadeemikut [Võrguväljaanne]

postimees.ee 2021 "[Eesti teaduste akadeemia valis neli uut akadeemikut](#)"

Eesti tehisingellektil põhinev tarkvara haldab enam kui miljoni ruutmeetri ulatuses ärikinnisvara [Võrguväljaanne]

kinnisvarauudised.ee 2021 "[Eesti tehisingellektil põhinev tarkvara haldab enam kui miljoni ruutmeetri ulatuses ärikinnisvara](#)"

Eesti tehnoloogiaettevõtted peavad CO2 neutraalsust möödapääsmatuks [Võrguväljaanne]

Malova, Dina novaator.err.ee 2021 / fot [Eesti tehnoloogiaettevõtted peavad CO2 neutraalsust möödapääsmatuks](#)

Eesti tippteadlane töötas aastaid salaja Hiina sõjaväeluure kasuks [Võrguväljaanne]

Roonemaa, Holger ekspress.delfi.ee 2021 "[Eesti tippteadlane töötas aastaid salaja Hiina sõjaväeluure kasuks](#)"

Eesti tippteadlane töötas aastaid salaja Hiina sõjaväeluure kasuks [Võrguväljaanne]

err.ee 2021 "[Eesti tippteadlane töötas aastaid salaja Hiina sõjaväeluure kasuks](#)"

Eesti toiduteadlaste kõielkõnd: kas uuritakse seda, mis on tarbijale parim või täidetakse toidutööstuse tellimusi? [Võrguväljaanne]

Arndt-Kalju, Margit omamaitse.delfi.ee 2021 "[Eesti toiduteadlaste kõielkõnd: kas uuritakse seda, mis on tarbijale parim või täidetakse toidutööstuse tellimusi?](#)"

Eesti tudengid ehitavad uued elektrivormelid ka tänavu [Võrguväljaanne]

tehnikamaailm.ee 2021 "[Eesti tudengid ehitavad uued elektrivormelid ka tänavu](#)"

Eesti tudengid said valmis isejuhtiva vormeli ning jätkavad täie hooga arendustöid [Võrguväljaanne]

geenius.ee 2021 "[Eesti tudengid said valmis isejuhtiva vormeli ning jätkavad täie hooga arendustöid](#)"

Eesti tööstusettevõtted saavad välisurgudel konkurentsivõime suurendamiseks lisatuge AIRE-st [Võrguväljaanne]

digi.geenius.ee 2021 "[Eesti tööstusettevõtted saavad välisurgudel konkurentsivõime suurendamiseks lisatuge AIRE-st](#)"

Eesti ujumislegend murdis läbi raudse eesriide Alžeeriasse ja Tuneesiasse õppejõuks

Tserp, Deivil Õhtuleht 2021 / Lk. 18 <https://dea.digar.ee/article/oh tuleht/2021/12/02/17.6>

Eesti Vabariigi 103. aastapäeva aktusel esitleti ajaloolist lippu

Kalder, Sten Mente et Manu 2021 / lk. 58-59 : fot [Mente et Manu 2/2021](#)

Eesti Vabariigi preemiad 2021 : teadus. F. J. Wiedemanni keeleauhind. Sport. Kultuur. Haridus

2021 https://www.ester.ee/record=b1226072*est

Eesti vajab maaväriate tuvastamiseks rohkem seirejaamu [Võrguväljaanne]

Merivoo-Parro, Maarja novaator.err.ee 2021 / fot [Eesti vajab maaväriate tuvastamiseks rohkem seirejaamu](#)

Eesti vajab uusi teadlasi

Jervan, Gert Postimees 2021 / Lk. 13 <https://dea.digar.ee/article/postimees/2021/06/17/12.6>

Eesti valmistub rohepöördeks maju soojustades

Tiks, Joosep Eesti Päevaleht 2021 / Lk. 18-19 : fot <https://dea.digar.ee/article/eestipaevaleht/2021/03/31/21.2>

Eesti valmistub rohepöördeks maju soojustades [Võrguväljaanne]

Tiks, Joosep epl.delfi.ee 2021 "[Eesti valmistub rohepöördeks maju soojustades](#)"

Eesti väike mäeleksikon [Võrguteavik]

Reinsalu, Enno 2021 https://www.ester.ee/record=b5426899*est

Eesti õhutehnoloogia ettevõtte Airobot plaanib börsile minna [Võrguväljaanne]

postimees.ee 2021 "[Eesti õhutehnoloogia ettevõtte Airobot plaanib börsile minna](#)"

Eesti õpilased saavad loodusaineid õppida Minecraftiga [Võrguväljaanne]

Korv, Agnes postimees.ee 2021 "[Eesti õpilased saavad loodusaineid õppida Minecraftiga](#)"

Eesti ülikoolid pakuvad järgmisest nädalast põhikooli- ja gümnaasiumilõpetajatele lisatuge [Võrguväljaanne]

Mets, Anna-Liisa geenius.ee 2021 "[Eesti ülikoolid pakuvad järgmisest nädalast põhikooli- ja gümnaasiumilõpetajatele lisatuge](#)"

Eestil on võimalik biomajandusse investeerides jõuda maailma rikkamate riikide hulka [Võrguväljaanne]
metsamajandusuudised.ee 2021 ["Eestil on võimalik biomajandusse investeerides jõuda maailma rikkamate riikide hulka"](#)

Eesti-Läti liiga parimaks mängijaks „Isa ütleb ikka, et olen platsil kõige kõhnem ja nõrgem.“
Kaljurand, Eigo Õhtuleht 2021 / Lk. 16-17 : fot <https://dea.digar.ee/article/ohuleht/2021/11/09/19.4>

Eestis esmakordne Kosmolokaalne festival toimub laupäeval Kopli 93 kogukonnakeskuses [Võrguväljaanne]
Liiviste, Priit pealinn.ee 2021

Eestis tehtud kaamera lennutatakse Kuule
Maran, Kaur Postimees 2021 / Lk. 19 <https://dea.digar.ee/article/postimees/2021/01/22/14.6>

Eestis viibib neljapäevasel visiidil CERN-i delegatsioon [Võrguväljaanne]
goodnews.ee 2021 ["Eestis viibib neljapäevasel visiidil CERN-i delegatsioon"](#)

Eestit võib lähiaastail ees oodata suurem sotsiaalne kihistumine. On võitjaid ja kaotajaid [Võrguväljaanne]
Mölder, Henry delfi.ee 2021 ["Eestit võib lähiaastail ees oodata suurem sotsiaalne kihistumine. On võitjaid ja kaotajaid"](#)

Eestlane valiti Nobeli preemia jagajate sekka : [TTÜ nõukogu liige Mart Saarma Rootsi kuningliku teaduste akadeemia välisliikmeks]
Eesti Elu : [Kanada ajaleht] 2021 / lk. 13 : portr

Eestlanna valiti suure Rootsi börsifirma juhatusse
Lees, Merike Postimees 2021 / Lk. 10 <https://dea.digar.ee/article/postimees/2021/11/01/9.12>

Eestlased astusid sammu Fuchsi sarvkesta düstroofia uurimisel
mu.ee 2021 <https://www.mu.ee/uudised/2021/01/13/eestlased-astusid-sammu-fuchsi-sarvkesta-dustroofia-uurimisel>

Effect of flotation time and collector dosage on Estonian phosphorite beneficiation
Tamm, Kadriann; Zadeh, Zeinab Arab; Kuusik, Rein, keemik; Kallas, Juha; Yang, Jason; Tõnsuaadu, Kaia; Triikkel, Andres
Minerals 2021 / art. 114 <https://doi.org/10.3390/min11020114> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of hemp fiber surface treatment on the moisture/water resistance and reaction to fire of reinforced PLA composites
Alao, Percy Festus; Marrot, Laetitia; Kallakas, Heikko; Just, Alar; Poltimäe, Triinu; Kers, Jaan Materials 2021 / art. 4332, 17 p. : ill <https://doi.org/10.3390/ma14154332> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of hybrid modulation on performance of wireless battery charger operating in CC/CV mode
Stepins, Deniss; Kathari, N.; Zakis, Janis; Husev, Oleksandr; Pakhaliuk, Bohdan; Shevchenko, Viktor IECON 2021 – 47th Annual Conference of the IEEE Industrial Electronics Society 2021 / 6 p <https://doi.org/10.1109/IECON48115.2021.9589544>

Effect of interlayer delay on the microstructure and mechanical properties of wire arc additive manufactured wall structures
Singh, Shalini; Jinoop, Arackal Narayanan; Tarun Kumar, Gorlea Thrinadh Ananthvenkata; Palani, Iyamperumal Anand; Paul, Christopher R. C.; Prashanth, Konda Gokuldoss Materials 2021 / art. 4187, 13 p. : ill <https://doi.org/10.3390/ma14154187> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of long-term application of organic fertilizers on improving organic matter quality in acid soil
Mockeviciene, Ieva; Repsiene, Regina; Amaleviciute-Volunge, Kristina; Karcauskiene, Danute; Slepeliene, Alvyra; Lepane, Viia
Archives of agronomy and soil science 2021 / p. 1192 - 1204 <https://doi.org/10.1080/03650340.2021.1875130> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of mission profile resolution on photovoltaic energy yield prediction in Python and MATLAB
Bakeer, Abualkasim Ahmed Ali; Chub, Andrii; Vinnikov, Dmitri; Blaabjerg, Frede 2021 IEEE 15th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2021 / 5 p. : ill <https://doi.org/10.1109/CPE-POWERENG50821.2021.9501222>

Effect of nanoparticles on morphology and size of primary silicon and property of selective laser melted Al-high Si content alloys
Xi, Lixia; Guo, Shuang; Prashanth, Konda Gokuldoss; Sarac, Baran; Eckert, Jürgen Vacuum 2021 / art. 110405 <https://doi.org/10.1016/j.vacuum.2021.110405> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The effect of prestressing and temperature on tensile strength of basalt fiber-reinforced plywood
Lõhmus, Rünno; Kallakas, Heikko; Tuhkanen, Eero; Gulik, Volodymyr; Kiisk, Madis; Saal, Kristjan; Kalamees, Targo Materials 2021 / art. 4701, 9 p. : ill <https://doi.org/10.3390/ma14164701> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of process parameters on strength and carbonation of engineered building materials by calcium rich alkali wastes
Usta, Mustafa Cem; Yörük, Can Rüstü; Gregor, Andre; Hain, Tiina; Uibu, Mai; Triikkel, Andres GSFMT Scientific Conference
2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 40 https://fmdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Effect of soaking/oven-drying on mechanical and physical properties of birch (Betula spp.) plywood
Kask, Regino; Lille, Harri; Kiviste, Mihkel; Kruus, Silver; Lääne, Johann Olaf Drvna industrija 2021 / p. 121-129
<https://doi.org/10.5552/drvind.2021.1946> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of steam activation on oil shale semi-coke surface properties
Pikkor, Heliis; Konist, Alar; Maaten, Birgit; Järvik, Oliver; Lees, Heidi International Multidisciplinary Conference on Computer and
Energy Science (SpliTech) 2021 / 5 p <https://doi.org/10.23919/SpliTech52315.2021.9566397>

Effect of substrate plate heating on the microstructure and properties of selective laser melted Al-20Si-5Fe-3Cu-1Mg alloy
Ma, Pan; Ji, Pengcheng; Jia, Yandong; Shi, Xuerong; Yu, Zhishui; Prashanth, Konda Gokuldoss Materials 2021 / art. 330
<https://doi.org/10.3390/ma14020330> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The effect of surface properties on bond strength of birch, black alder, grey alder and aspen veneers
Rohumaa, Anti; Kallakas, Heikko; Mäetalu, Marja; Savest, Natalja; Kers, Jaan International Journal of Adhesion and Adhesives
2021 / art. 102945 <https://doi.org/10.1016/j.ijadhadh.2021.102945> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)
[Article at WOS](#)

The effect of temperature, humidity and mechanical properties on crack formation on external thin plasters of ETICS
Volkova, Kristina; Põldaru, Mattias; Ilomets, Simo; Kalamees, Targo; Talvik, Martin; Heim, Dariusz Journal of physics :
conference series 2021 / art. 012025, 8 p. : ill <https://doi.org/10.1088/1742-6596/2069/1/012025> [Conference Proceedings at Scopus](#)
[Article at Scopus](#)

Effect of woody biomass gasification process conditions on the composition of the producer gas
Lyons Cerón, Alejandro; Konist, Alar; Lees, Heidi; Järvik, Oliver Sustainability 2021 / art. 11763, 17 p. : ill
<https://doi.org/10.3390/su132111763> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effects of a mobile disturbance pattern on dynamic patch networks and metapopulation persistence
Fabritius, Eeva Henna Helena; de Knegt, Henrik; Ovaskainen, Otso Ecological modelling 2021 / art. 109738
<https://doi.org/10.1016/j.ecolmodel.2021.109738> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effects of annotation quality on model performance
Alhazmi, Khaled; Alsumari, Walaa; Seppo, Indrek; Podkuiko, Lara; Simon, Martin 2021 International Conference on Artificial
Intelligence in Information and Communication (ICAIIIC), 13-16 April 2021 2021 / p. 063–067
<https://doi.org/10.1109/ICAIIIC51459.2021.9415271>

The effects of consumer esports videogame engagement on consumption behaviors
Abbasi, Amir Zaib; Asif, Muhammad; Hollebeek, Linda Desiree; Islam, Jamid Ul; Ting, Ding Hooi; Rehman, Umair Journal of
Product and Brand Management 2021 / p. 1194 - 1211 <https://doi.org/10.1108/JPBM-04-2020-2839> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effects of early marine diagenesis and site-specific depositional controls on carbonate-associated sulfate: Insights from paired S and O isotopic analyses
Richardson, Jocelyn A.; Lepland, Aivo; Hints, Olle; Prave, Anthony R.; Gilhooly III, William P.; Bradley, Alexander S.; Fike, David A
Chemical geology 2021 / art. 120525 <https://doi.org/10.1016/j.chemgeo.2021.120525> [Journal metrics at Scopus](#) [Article at Scopus](#)
[Journal metrics at WOS](#) [Article at WOS](#)

Effects of economic shocks on power systems: {COVID-19} as a case study
Navon, Aviad; Orda, Ariel; Levron, Yoash; Belikov, Juri 2021 IEEE PES Innovative Smart Grid Technologies Europe (ISGT-Europe),
8-21 October, 2021 : proceedings 2021 / 5 p. : ill <https://doi.org/10.1109/ISGTEurope52324.2021.9640021>

Effects of irradiation of ZnO/CdS/Cu₂ZnSnSe₄/Mo/glass solar cells by 10 MeV electrons on photoluminescence spectra
Sulimov, M. A.; Sarychev, M.N.; Yakushev, Michael V.; Krustok, Jüri Materials science in semiconductor processing 2021 / art.
105301, 5 p. : ill <https://doi.org/10.1016/j.mssp.2020.105301> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effects of large-scale atmospheric circulation on the Baltic Sea wave climate : application of the EOF method on multi-mission satellite altimetry data
Najafzadeh, Fatemeh; Kudryavtseva, Nadezhda; Soomere, Tarmo Climate dynamics 2021 / p. 3465–3478 : ill
<https://doi.org/10.1007/s00382-021-05874-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effects of night ventilation on indoor air quality in educational buildings—a field study

Lestinen, Sami; Kilpeläinen, Simo; **Kosonen, Risto**; Valkonen, Maria; **Jokisalo, Juha**; Pasanen, Pertti Applied sciences 2021 / art. 4056, 20 p. : ill <https://doi.org/10.3390/app11094056> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effects of nutrient management scenarios on marine eutrophication indicators : a Pan-European, Multi-Model Assessment in Support of the Marine Strategy Framework Directive

Friedland, Rene; Macias, Diego; Cossarini, Gianpero; Daewel, Ute; Estournel, Claude; Garcia-Gorriz, Elisa; Grizzetti, Bruna; Gregoire, Marilaure; Gustafsson, Bo; **Maljutenko, Ilja**; Pärn, Ove; Pätsch, Johannes; **Raudsepp, Urmas** Frontiers in marine science 2021 / 22 p. : map <https://doi.org/10.3389/fmars.2021.596126> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effects of persulfate and hydrogen peroxide on oxidation of oxalate by pulsed corona discharge

Tikker, Priit; **Dulova, Niina**; Kornev, Iakov; **Preis, Sergei** Chemical engineering journal 2021 / art. 128586

<https://doi.org/10.1016/j.cej.2021.128586> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effects of persulfate and hydrogen peroxide on oxidation of oxalate by pulsed corona discharge treatment

Tikker, Priit; **Dulova, Niina**; Kornev, Iakov; **Preis, Sergei** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / O 11 http://fmtdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Effects of the COVID-19 pandemic on energy systems and electric power grids — a review of the challenges ahead

Navon, Aviad; Machlev, Ram; Carmon, David; **Onile, Abiodun Emmanuel**; **Belikov, Juri**; Levron, Yoash Energies 2021 / art. 1056, 14 p. : ill <https://doi.org/10.3390/en14041056> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effects of vertical motions on roll of planing hulls

Dashtimanesh, Abbas; Tavakoli, Sasan; Mancini, Simone; Mehr, Javad A.; Milanese, Stefano Journal of offshore mechanics and arctic engineering 2021 / p. 041401–041411 <https://doi.org/10.1115/1.4050210> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Efficiency assessment of measures to increase sustainability of the transport system

Makarova, Irina; Shubenkova, Ksenia; Pashkevich, Anton Transport 2021 / p. 123–133 : ill <https://doi.org/10.3846/transport.2021.14996> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Efficient use of heat from CHP distributed by district heating system in district cooling networks

Pieper, Henrik; Kirs, Tanel; **Krupenski, Igor**; **Ledvanov, Aleksandr**; **Lepiksaar, Kertu**; **Volkova, Anna** Energy reports 2021 / p. 47-54 <https://doi.org/10.1016/j.egyr.2021.09.041> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Eften loob tavainvestorile kinnisvarafondi. „Tahame näidata, et kinnisvarasse investeerimine on rohkemat kui üürikorter”

Eesti Päevaleht 2021 / Lk. 18-19 <https://dea.digar.ee/article/eestipaevaleht/2021/01/19/21.3> "Eften loob tavainvestorile kinnisvarafondi"

Ehituse Mäemaja - ülikooli uusim, tõhusaim ja ägedaim hoone

Kurnitski, Jarek Mente et Manu 2021 / lk. 22-23 : dot [Mente et Manu 2/2021](#)

Ehitusinsener - elukutse, mille nimi kõlab uhkelt

Lill, Irene Ehitusest 2021 / lk. 26 : portr https://www.ester.ee/record=b4442657*est

Ehitusinsener annab arhitekti esteetiliselt elegantsile selgroo ja rühi

Õiger, Karl Postimees 2021 / Lk. 10-11 : fot <https://dea.digar.ee/article/ak/2021/11/06/7.1>

Ehitusinsenerid saavad viie aastaga magistriteks [Võrguväljaanne]

delfi.ee 2021 ["KUULA SAADET | Ehitusinsenerid saavad viie aastaga magistriteks"](#)

Ehitusmüraga kimpus naabritel tuleb hüvitise saamiseks kohtusse minna [Võrguväljaanne]

Rudi, Hanneli err.ee 2021 ["Ehitusmüraga kimpus naabritel tuleb hüvitise saamiseks kohtusse minna"](#)

Ehitussündmus BuildIT 2021 keskendub tänavu mürale [Võrguväljaanne]

ehitusuudised.ee 2021 ["Ehitussündmus BuildIT 2021 keskendub tänavu mürale"](#)

Ehitusvaldkond leppis kokku ehituse pika vaate elluviimises [Võrguväljaanne]

goodnews.ee 2021 ["Ehitusvaldkond leppis kokku ehituse pika vaate elluviimises"](#)

Ehitusvaldkond on vähe avatud innovatsioonile, kuid puit pakub palju võimalusi [Võrguväljaanne]

metsamajandusuudised.ee 2021 ["Ehitusvaldkond on vähe avatud innovatsioonile, kuid puit pakub palju võimalusi"](#)

Ei saa lubada, et tehnika teeks inimesest uuesti ahvi

Janson, Kuno Postimees 2021 / Lk. 14-15 : ill <https://dea.digar.ee/article/postimees/2021/05/10/15.2>

Ein bronzener Brillenspiralanhänger von der Insel Aegna (Estland) : Überlegungen zur Herkunft, Herstellung und zur Insel als Deponierungsort

Sperling, Uwe; Tamla, Ülle; Trommer, Frank; Vassiljev, Jüri; Viljus, Mart Archäologisches Korrespondenzblatt 2021 / S. 205-207
<https://doi.org/10.11588/ak.2021.2.89275> Journal metrics at Scopus Article at Scopus

Einleitung : Ethologie und Hydraulik – wozu wird das benötigt?

Lehmann, Boris; Bensing, Katharina; Adam, Beate; Schwevers, Ulrich; Tuhtan, Jeffrey Andrew Ethohydraulik : Eine Methode für naturverträglichen Wasserbau 2021 / S. 1-9 https://doi.org/10.1007/978-3-658-32824-5_1

EKA dekaanidena alustavad Ruth-Helene Melioranski ja Hilka Hiip [Võrguväljaanne]

kultuur.err.ee 2021 ["EKA dekaanidena alustavad Ruth-Helene Melioranski ja Hilka Hiip"](#)

EKA ja TalTech on alustamas ühist koolitusprogrammi [Võrguväljaanne]

postimees.ee 2021 ["EKA ja TalTech on alustamas ühist koolitusprogrammi "](#)

E-katend kaitseb liikluses kõige nõrgemaid

Mente et Manu 2021 / lk. 31 [Mente et Manu 2/2021](#)

EKI keelekool: kas arvutid mõistavad eesti keelt?

Vare, Kadri; Oja, Susanna postimees.ee 2021 ["EKI keelekool: kas arvutid mõistavad eesti keelt?"](#)

Eksamikool annab tasuta matemaatikaabi

Karolin, Aet Mente et Manu 2021 / lk. 42 : ill [Mente et Manu 2/2021](#)

Eksitav rohepesu? Riigi kliimakangelase kampaania kütab kirgi: kas harvesterijuht päästab tõesti maailma?!

Pärnapuu, Prit Ohtuleht 2021 / Lk. 4-5 : fot <https://dea.digar.ee/article/ohtuleht/2021/02/06/2.9>

Ekspeamister Taavi Rõivas: kui ma mõtlen täna oma 4-aastasele pojale, siis ma kindlasti ei soovita talle bussijuhi karjääri peale mõtlemist [Võrguväljaanne]

Saarmann, Tanel arileht.delfi.ee 2021 ["Ekspeamister Taavi Rõivas:2](#)

Ekspertid kõrgest elektriinnast: ootamatu šokk teeb Euroopale teene [Võrguväljaanne]

Oidermaa, Jaan-Juhan novaator.err.ee 2021 ["Ekspertid kõrgest elektriinnast: ootamatu šokk teeb Euroopale teene"](#)

Ekspertid vastavad: milline on Eesti teede tulevik?

Eesti Päevaleht 2021 / Lk. 9-10 : fot ["Ekspertid vastavad: milline on Eesti teede tulevik?"](#)

Ekspertid: majandustõus on alles alguses

Sepp, Simo Investor 2021 / lk. 78-82 : fot https://www.ester.ee/record=b5266435*est

Ekspert: Enefit Greeni IPO-l võib oodata mitmekordset ülemärkimist [Võrguväljaanne]

postimees.ee 2021 ["Ekspert: Enefit Greeni IPO-l võib oodata mitmekordset ülemärkimist"](#)

Ekspert: Enefiti aktsia võib esimesel päeval tõusta kuni 25 protsenti [Võrguväljaanne]

Kreek, Romet postimees.ee 2021 ["Ekspert: Enefiti aktsia võib esimesel päeval tõusta kuni 25 protsenti"](#)

Ekspert: koroonakriisiga toimetulekuks vajavad koolide ventilatsioonisüsteemid remonti [Võrguväljaanne]

Strandberg, Marek postimees.ee 2021 ["Ekspert: koroonakriisiga toimetulekuks vajavad koolide ventilatsioonisüsteemid remonti"](#)

Ekspert: Linnad loovad suurema osa tarkusest

Pealinn 2021 / Lk. 7 ["Ekspert: Linnad loovad suurema osa tarkusest"](#)

Ekspert: Linnad loovad suurema osa tarkusest [Võrguväljaanne]

Alt, Silver pealinn.ee 2021 ["Ekspert: Linnad loovad suurema osa tarkusest"](#)

Ekspert: tänavune börsiaktiivsus oli ootamatu [Võrguväljaanne]

postimees.ee 2021 ["Ekspert: tänavune börsiaktiivsus oli ootamatu "](#)

Ekspertarvamus Paide vanalinna muinsuskaitseala territooriumil asuvate nõukogude perioodil ehitatud hoonete kohta

2021 https://www.muinsuskaitseamet.ee/sites/default/files/paide_ekspertarvamus_epi_tohvri.pdf

Ekspertide arutelu: võime pandeemia järel globaalses väärtusahelas parema koha saada. Peame sihte seadma miljardites

2021 ["Ekspertide arutelu: võime pandeemia järel globaalses väärtusahelas parema koha saada. Peame sihte seadma miljardites"](#)

Ekstreemdieedi tagamaad: mis juhtub kehaga, kui süüa vaid 500 kalorit päevas?

Paris, Manona Õhtuleht 2021 / Lk. 4-5 : fot <https://dea.digar.ee/article/oh tuleht/2021/04/19/3.8>

El BREXIT y los agricultores británicos. El absurdo de aspiraciones y realidades

Ramiro Troitino, David Anuario en Relaciones Internacionales 2021 / p. 1-6 <https://www.iri.edu.ar/wp-content/uploads/2021/09/a2021europaArtTroiti%c3%b1o.pdf>

El impacto del BREXIT en la Unión Europea. Perspectivas continentales de un proceso internacional

Ramiro Troitino, David ? 2021 / ?

ELC-ECG: efficient LSTM cell for ECG classification based on quantized architecture

Mirsalari, Seyed Ahmad; Nazari, Najmeh; Ansarmohammadi, Seyed Ali; Sinaei, Sima; Salehi, Mostafa E.; **Daneshtalab, Masoud** 2021 IEEE International Symposium on Circuits and Systems (ISCAS), Daegu, Korea May 22-28, 2021 : proceedings 2021 / 5 p <https://doi.org/10.1109/ISCAS51556.2021.9401261> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Electrochemical aziridination of internal alkenes with primary amines

Ošeka, Maksim; Laudadio, Gabriele; van Leest, Nicolaas P.; Dyga, Marco; Bartolomeu, Aloisio de A.; Gooßen, Lukas J.; de Bruin, Bas; de Oliveira, Kleber T.; Noël, Timothy Chem 2021 / p. 255 - 266 <https://doi.org/10.1016/j.chempr.2020.12.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Electrode placement strategies for the measurement of radial artery bioimpedance : simulations and experiments

Pesti, Ksenija; Metshein, Margus; Annus, Paul; Kõiv, Hip; Min, Mart IEEE transactions on instrumentation and measurement 2021 / 10 p. : ill <https://doi.org/10.1109/TIM.2020.3011784> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Elektri börsihinnast natuke laiemalt

Rajangu, Väino Elektriala 2021 / lk. 24-25 https://www.ester.ee/record=b1240496*est

Elektri tootmine Kuul on eestlaste kätes

Õhtuleht 2021 / Lk. 10 <https://dea.digar.ee/article/postimees/2021/11/08/9.3>

Elektri varustuskindlusest

Konist, Alar; Aro, Rein Elektriala 2021 / lk. 6-9 : portr https://www.ester.ee/record=b1240496*est

Elektri varustuskindlusest

Konist, Alar Postimees 2021 / Lk. 15 <https://dea.digar.ee/article/postimees/2021/02/22/14.6>

Elektrienergia tootmisest maailmas aastal 2018

Risthein, Endel Elektriala 2021 / lk. 9 : fot https://www.ester.ee/record=b1240496*est

Elektrilisel bioimpedantsil põhinev sensor jälgib kopsude ja südame tööd

Mente et Manu 2021 / lk. 30-31 : portr [Mente et Manu 2/2021](#)

Elektrimasinate terviserikkeid aitaks ennetada tehisintellekt [Võrguväljaanne]

Kudelina, Karolina novaator.err.ee 2021 ["Elektrimasinate terviserikkeid aitaks ennetada tehisintellekt"](#)

Elektrimootorite 3D-printimine ei ole ulme

Vaimann, Toomas; Kallaste, Ants Director. Inseneria 2021 / lk. 74-78 : fot <https://director.ee/2021/02/03/elektrimootorite-3d-printimine-ei-ole-ulme/> http://www.ester.ee/record=b2336521*est

Elektrimõõteseadmed [Võrguteavik] : erinõuded. Osa 21, Staatilised vahelduvvoolu aktiivenergia arvestid (klassid 0,5, 1 ja 2) = Electricity metering equipment : particular requirements. Part 21, Static meters for AC active energy (classes 0,5, 1 and 2) (IEC 62053-21:2020)

2021 https://www.ester.ee/record=b5463945*est

Elektrimõõteseadmed [Võrguteavik] : erinõuded. Osa 21, Staatilised vahelduvvoolu aktiivenergia arvestid (klassid 0,5, 1 ja 2) = Electricity metering equipment : particular requirements. Part 21, Static meters for AC active energy (classes 0,5, 1 and 2)

2021 https://www.ester.ee/record=b5463969*est

Elektrimõõteseadmed [Võrguteavik] : erinõuded. Osa 22, Staatilised vahelduvvoolu aktiivenergia arvestid (klassid 0,1 S, 0,2 S ja 0,5 S) = Electricity metering equipment : particular requirements. Part 22, Static meters for AC active energy (classes 0,1 S, 0,2 S and 0,5 S) (IEC 62053-22:2020)

2021 https://www.ester.ee/record=b5463980*est

Elektrimõõteseadmed [Võrguteavik] : erinõuded. Osa 22, Staatilised vahelduvvoolu aktiivenergia arvestid (klassid 0,1 S, 0,2 S ja 0,5 S) = Electricity metering equipment : particular requirements. Part 22, Static meters for AC active energy (classes 0,1 S, 0,2 S and 0,5 S) (IEC 62053-22:2020)

2021 https://www.ester.ee/record=b5463980*est

Elektrimõõteseadmed [Võrguteavik] : erinõuded. Osa 22, Staatilised vahelduvvoolu aktiivenergia arvestid (klassid 0,1 S, 0,2 S ja 0,5 S) = Electricity metering equipment : particular requirements. Part 22, Static meters for AC active energy (classes 0,1 S, 0,2 S and 0,5 S)

2021 https://www.ester.ee/record=b5463993*est

Elektrimõõteseadmed [Võrguteavik] : erinõuded. Osa 22, Staatilised vahelduvvoolu aktiivenergia arvestid (klassid 0,1 S, 0,2 S ja 0,5 S) = Electricity metering equipment : particular requirements. Part 22, Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S) (IEC 62053-22:2020)

2021 https://www.ester.ee/record=b5435102*est

Elektrimõõteseadmed [Võrguteavik] : erinõuded. Osa 23, Staatilised reaktiivenergia arvestid (klassid 2 ja 3) = Electricity metering equipment : particular requirements. Part 23, Static meters for reactive energy (classes 2 and 3) (IEC 62053-23:2020)

2021 https://www.ester.ee/record=b5435109*est

Elektrimõõteseadmed [Võrguteavik] : erinõuded. Osa 23, Staatilised reaktiivenergia arvestid (klassid 2 ja 3) = Electricity metering equipment : particular requirements. Part 23, Static meters for reactive energy (classes 2 and 3) (IEC 62053-23:2020)

2021 https://www.ester.ee/record=b5464102*est

Elektrimõõteseadmed [Võrguteavik] : erinõuded. Osa 23, Staatilised reaktiivenergia arvestid (klassid 2 ja 3) = Electricity metering equipment : particular requirements. Part 23, Static meters for reactive energy (classes 2 and 3)

2021 https://www.ester.ee/record=b5464111*est

Elektrimõõteseadmed [Võrguteavik] : erinõuded. Osa 24, Staatilised põhisagedus-reaktiivenergia arvestid (klassid 0,5 S, 1 S, 1, 2 ja 3) = Electricity metering equipment : particular requirements. Part 24, Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) (IEC 62053-24:2020)

2021 https://www.ester.ee/record=b5465248*est

Elektrimõõteseadmed [Võrguteavik] : erinõuded. Osa 24, Staatilised põhisagedus-reaktiivenergia arvestid (klassid 0,5 S, 1 S, 1, 2 ja 3) = Electricity metering equipment : particular requirements. Part 24, Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) (IEC 62053-24:2020)

2021 https://www.ester.ee/record=b5465245*est

Elektrimõõteseadmed [Võrguteavik] : erinõuded. Osa 24, Staatilised põhisagedus-reaktiivenergia arvestid (klassid 0,5 S, 1 S, 1, 2 ja 3) = Electricity metering equipment : particular requirements. Part 24, Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) (IEC 62053-24:2020)

2021 https://www.ester.ee/record=b5435137*est

Elektrimõõteseadmed [Võrguteavik] : erinõuded. Osa 21: Staatilised vahelduvvoolu aktiivenergia arvestid (klassid 0,5, 1 ja 2) = Electricity metering equipment. Particular requirements. Part 21: Static meters for AC active energy (classes 0,5, 1 and 2)(IEC 62053-21:2020)

2021 https://www.ester.ee/record=b5435094*est

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V [Võrguteavik] : kaitstesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 1, Üldnõuded = Electrical safety in low voltage distribution systems up to 1000 V a.c. and 1500 V d.c. : equipment for testing, measuring or monitoring of protective measures. Part 1, General requirements (IEC 61557-1:2019)

2021 https://www.ester.ee/record=b5479190*est

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V [Võrguteavik] : kaitstesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 2, Isolatsioonitakistus = Electrical safety in low voltage distribution systems up to 1000 V a.c. and 1500 V d.c. : equipment for testing, measuring or monitoring of protective measures. Part 2, Insulation resistance (IEC 61557-2:2019)

2021 https://www.ester.ee/record=b5479192*est

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V [Võrguteavik] : kaitstesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 4, Maandusjuhtide ja potentsiaaliühthlustusjuhtide takistus = Electrical safety in low voltage distribution systems up to 1000 V a.c. and 1500 V d.c. : equipment for testing, measuring or monitoring of protective measures. Part 4, Resistance of earth connection and equipotential bonding (IEC 61557-

4:2019)

2021 https://www.ester.ee/record=b5479193*est

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V [Võrguteavik] : kaitsesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 5, Maandustakistus = Electrical safety in low voltage distribution systems up to 1000 V a.c. and 1500 V d.c. : equipment for testing, measuring or monitoring of protective measures. Part 5, Resistance of earth (IEC 61557-5:2019)

2021 https://www.ester.ee/record=b5479568*est

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V [Võrguteavik] : kaitsesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 6, Rikkevoolukaitseaparaatide tõhusus TT-, TN- ja IT-süsteemides = Electrical safety in low voltage distribution systems up to 1000 V a.c. and 1500 V d.c. : equipment for testing, measuring or monitoring of protective measures. Part 6, Effectiveness of residual current devices (RCD) in TT, TN and IT systems (IEC 61557-6:2019)

2021 https://www.ester.ee/record=b5479599*est

Elektriseadmed [Võrguteavik] : liigvoolukaitselülitid majapidamis- ja muudele taoliste paigaldistele. Osa 2, Vahelduv- ja alalisvoolul kasutatavad kaitselülitid = Electrical accessories : circuit-breakers for overcurrent protection for household and similar installations. Part 2, Circuit-breakers for a.c. and d.c. operation (IEC 60898-2:2016, modified)

2021 https://www.ester.ee/record=b5473393*est

Elektroenergeetika ettevõtete struktuur aastatel 1951-1999

Metusala, Tiit Elektriala 2021 / lk. 26-28 : ill https://www.ester.ee/record=b1240496*est

Elektrokedratud kiud

Krumme, Andres Horisont 2021 / lk. 14-15 : fot https://www.ester.ee/record=b1072243*est

Elektroonikaettevõtte premeerib kahte IT-tudengit 2500-eurose stipendiumiga [Võrguväljaanne]

goodnews.ee 2021 "[Elektroonikaettevõtte premeerib kahte IT-tudengit 2500-eurose stipendiumiga](#)"

Elektroonikainstituudi teadlaste leiutis aitab jälgida südame-veresoonkonna tervist

Härmat, Karin Mente et Manu 2021 / lk. 47 [Mente et Manu 1/2021](#) https://www.ester.ee/record=b1242496*est

Elektroonikatootja Rantelon premeerib kahte IT-tudengit 2500-eurose stipendiumiga [Võrguväljaanne]

toostusuudised.ee 2021 "[Elektroonikatootja Rantelon premeerib kahte IT-tudengit 2500-eurose stipendiumiga](#)"

Elemental and water-insoluble organic carbon in Svalbard snow: a synthesis of observations during 2007–2018

Zdanowicz, Christian; Gallet, Jean-Charles; Björkman, Mats B.; Larose, Catherine; Schuler, Thomas V.; Luks, Bartłomiej; Koziol, Krystyna; Spolaor, Andrea; Barbaro, Elena; **Martma, Tõnu**; Wideqvist, Ulla; Ström, Johan Atmospheric chemistry and physics 2021 / p. 3035-3057 : ill <https://doi.org/10.5194/acp-21-3035-2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Elements distribution between solid and liquid phases in hydrochloric acid treatment of phosphate ore

Hacıioğlu-Erlenheim, Gizem; Tõnsuaadu, Kaia; Urtson, Kristjan; Kallaste, Toivo; Triikkel, Andres GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 54 https://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Elering ja selle kriitikut vaidlevad tuleviku varustuskindluse üle [Võrguväljaanne]

err.ee 2021 <https://www.err.ee/1608119269/elering-ja-selle-kriitikut-vaidlevad-tuleviku-varustuskindluse-ule>

Elisa Eestis võttis juhtimise üle Andrus Hiiepuu

Postimees 2021 / Lk. 10 "[Elisa Eestis võttis juhtimise üle Andrus Hiiepuu](#)"

Elisa Eestis võttis juhtimise üle Andrus Hiiepuu [Võrguväljaanne]

postimees.ee 2021 "[Elisa Eestis võttis juhtimise üle Andrus Hiiepuu](#)"

Elite agenda, media framing and public perception of European integration in Estonia

Mölder, Holger; Nyman-Metcalf, Katrin Merike Desk Research Report (Historical Overview) 2021 / p. 185–215 <https://cordis.europa.eu/project/id/101004534>

Elliptic-curve crypto processor for RFID applications

Rashid, Muhammad; Jamal, Sajjad Shaukat; Khan, Sikandar Zulqarnain; Alharbi, Adel R.; Aljaedi, Amer; **Imran, Malik** Applied Sciences (Switzerland) 2021 / art. 7079 <https://doi.org/10.3390/app11157079> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Eluohutlik kuumus: leitsak suurendab eakate suremusriski

Tilk, Kristiina Õhtuleht 2021 / Lk. 4 : fot <https://dea.digar.ee/article/oh tuleht/2021/07/10/2.8>

Elupõhiste andmete kasutamine linnaplaneerimises = Urban planning driven by life-based data

Grišakov, Kristi Maja : Eesti arhitektuuri ajakiri = Estonian architectural review 2021 / lk. 88-92 : ill

https://www.ester.ee/record=b1072550*est <https://ajakirimaja.ee/>

Eluviisi aitab ehitada tugeva immuunsuse

Liebert, Tiit Postimees 2021 / Lk. 5 <https://dea.digar.ee/article/postimees/2021/05/11/29.3.4>

An embedded half-bridge Γ -Z-source inverter with reduced voltage stress on capacitors

Mashinchi Maheri, Hamed; Vinnikov, Dmitri; Nozadian, Mohsen Hasan Babayi; Shokati Asl, Elias; Babaei, Ebrahim; **Chub, Andrii** Energies 2021 / art. 6433, 21 p. : ill <https://doi.org/10.3390/en14196433> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Embedment strength of cross-laminated timber for dowels in slotted-in steel plate connections

Tuhkanen, Eero; Hübner, Ulrich World Conference on Timber Engineering 2021, WCTE 2021 2021 / art. 174133

<https://www.scopus.com/record/display.uri?eid=2-s2.0-85120756043&origin=inward&txGid=98d5f676d1869d4562b2d59b5e6a57e9>

EMERA ÜK

Studioosus 2021 / lk. 28 : fot https://www.ester.ee/record=b1558644*est

Emerging converter topologies and control for grid connected photovoltaic systems

2021 <https://doi.org/10.3390/books978-3-03943-910-2>

EMIL - Eesti Mehaanikainseneride Liit

Hermaste, Aigar; Kulu, Priit Eesti Masinatööstuse Liit. TTÜ mehaanika ja tööstustehnika instituut 85 2021 / lk. 86-88 : fot

Emissions and power demand in optimal energy retrofit scenarios of the Finnish building stock by 2050

Hirvonen, Janne; Heljo, Juhani; **Jokisalo, Juha;** Kurvinen, Antti; Saari, Arto; Niemelä, Tuomo; Sankelo, Paula; **Kosonen, Risto**

Sustainable cities and society 2021 / art. 102896, 22 p. : ill <https://doi.org/10.1016/j.scs.2021.102896> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Emotions analysis in public spaces for urban planning

Kaklauskas, Arturas; Bardauskiene, D.; Cerkauskiene, R.; **Ubarste, Ieva;** Raslanas, S.; Radville, E.; Kaklauskaitė, Ulijona;

Kaklauskienė, Loreta Land Use Policy 2021 / Art. nr. 105458 <https://doi.org/10.1016/j.landusepol.2021.105458> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An empirical modeling for the baseline energy consumption of an NB-IoT radio transceiver

Khan, Sikandar Muhammad Zulqarnain; Alam, Muhammad Mahtab; Le Moullec, Yannick; Kuusik, Alar; Päränd, Sven;

Verikoukis, Christos IEEE Internet of Things Journal 2021 / p. 14756-14772 : ill <https://doi.org/10.1109/JIOT.2021.3072769> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Employees' psychological characteristics and sustainable leadership in firms with high and low entrepreneurial orientation

Durst, Susanne; Chowdhury, Farzana; Davilla, Andres; Kraus, Sascha; Cheng, Cheng-Feng Journal of Small Business Strategy

2021 / p. 59-71 <https://doi.org/10.53703/001c.29736> [Journal metrics at Scopus](#) [Article at Scopus](#)

Employment status of gigcompanies working force in EU/EEA member states

Kerikmäe, Tanel; Hamulak, Ondrej; Antonov, Alexander; Pihl, Henri Mart 2021 https://haldus.taltech.ee/sites/default/files/2021-10/Employment%20status%20of%20gig%20companies%20working%20force%20in%20EU/EEA%20member%20states.pdf?_ga=2.262926412.1155068199.1634382905-1384769620.1633335591

Enabling sensemaking and trust in communities : an organizational perspective

Arakkal Peious, Sijo; Suran, Shweta; Pattanaik, Vishwajeet; Draheim, Dirk iiWAS2021: The 23rd International Conference on Information Integration and Web Intelligence : November 29-December 1, 2021, Linz, Austria : proceedings 2021 / p. 95-103 : ill

<https://doi.org/10.1145/3487664.3487678> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Enabling the city : interdisciplinary and transdisciplinary encounters in research and practice

2021 <https://doi.org/10.4324/9780429297649> "Enabling the city"

Enantioselective catalytic synthesis of N-alkylated indoles

Trubitsin, Dmitri; Kanger, Tõnis Chiral Auxiliaries and Chirogenesis II 2021 / p. 1-30 <https://doi.org/10.3390/sym12071184>

<https://doi.org/10.3390/books978-3-0365-1155-9>

Enantioselective Michael addition to vinyl phosphonates via hydrogen bond-enhanced halogen bond catalysis

Kaasik, Mikk; Martõnova, Jevgenija; Erkman, Kristin; Metsala, Andrus; Järving, Ivar; Kanger, Tõnis Chemical science 2021 /

Enantioselective organocatalytic Michael addition to unsaturated indolyl ketones

Trubitsõn, Dmitri; Martõnova, Jevgenija; Kudrjašova, Marina; Erkman, Kristin; Järving, Ivar; Kanger, Tõnis Organic letters 2021 / p. 1820-1824 <https://doi.org/10.1021/acs.orglett.1c00222> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Enantioselective organocatalytic synthesis of n-alkylated indoles

Trubitsõn, Dmitri; Kanger, Tõnis GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 34 https://fmdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Endel Risthein 95

Mickfeldt, Jüri Postimees 2021 / Lk. 13 <https://dea.digar.ee/article/postimees/2021/07/28/13.4>

Endel Uiga : [CV ja tema fotod (digitaalne abstraktne fotokunst)]

Linnap, Peeter; Uiga, Endel Eesti foto antoloogia. II köide, 1940 kuni 2010 = Anthology of Estonian photography. Volume II, from 1940 to 2010 2021 / lk. 909-913 : portr., fot https://www.ester.ee/record=b5386803*est

Endine epidemoloog: koroona võidab lahtine aken, mitte suletud majandus [Võrguväljaanne]

Trei, Toomas epl.delfi.ee 2021 ["Endine epidemoloog: koroona võidab lahtine aken, mitte suletud majandus"](https://epl.delfi.ee/2021/07/28/13.4)

Ene Rämmeld ja poeg Tarah meenutavad Vladimir-Georg Karasjov-Orgusaare „Lindpriisid“: meie elu muutus kohe pärast filmi valmimist põrguks [Võrguväljaanne]

Leivak, Verni ohtuleht.ee 2021 ["Ene Rämmeld ja poeg Tarah meenutavad Vladimir-Georg Karasjov-Orgusaare „Lindpriisid“: meie elu muutus kohe pärast filmi valmimist põrguks"](https://ohtuleht.ee/2021/07/28/13.4)

Enefit Greeni taastuvenergia valdkonnajuht: 12 aastaga on Eesti energiasektoris toimunud rollide vahetus [Võrguväljaanne]

arileht.delfi.ee 2021 ["Enefit Greeni taastuvenergia valdkonnajuht: 12 aastaga on Eesti energiasektoris toimunud rollide vahetus "](https://arileht.delfi.ee/2021/07/28/13.4)

Energia sünkroonis – kuidas ja kellega?

Hamburg, Arvi Arvamus, kultuur : [ajalehe Postimees lisa] 2021 / Lk. 2-3 <https://dea.digar.ee/article/ak/2021/10/16/2.1>

Energiaefektiivne õhupuhasti hoiab toa sooja ja õhu kvaliteetse

Preis, Sergei Mente et Manu 2021 / lk. 47 : fot [Mente et Manu 1/2021 https://www.ester.ee/record=b1242496*est](https://www.ester.ee/record=b1242496*est)

Energiakontserni Utilitase uueks juhatuse liikmeks saab kogenud tippjuht Robert Kitt [Võrguväljaanne]

geenius.ee 2021 ["Energiakontserni Utilitase uueks juhatuse liikmeks saab kogenud tippjuht Robert Kitt"](https://geenius.ee/2021/07/28/13.4)

Energiakulukate naatriumlampide väljavahetamiseks Tartul raha ei jagu [Võrguväljaanne]

Klementi, Joakim err.ee 2021 ["Energiakulukate naatriumlampide väljavahetamiseks Tartul raha ei jagu"](https://err.ee/2021/07/28/13.4)

Energiaarõõvel mõnuleb talvel kontoris T-särgi väel

Leet, Lauri; Rummelg, Teeli Äripäev 2021 / Lk. 22-23 <https://dea.digar.ee/article/aripaev/2021/11/04/24.1> ["Energiaarõõvel mõnuleb talvel kontoris T-särgi väel"](https://aripaev.ee/2021/11/04/24.1)

Energiaspektori kese nihkub tulevikus lõpptarbijate telefoni [Võrguväljaanne]

Mishra, Sambeet; Crasta, Cletus J. novaator.err.ee 2021 ["Energiaspektori kese nihkub tulevikus lõpptarbijate telefoni "](https://novaator.err.ee/2021/07/28/13.4)

Energiatehnoloog: kliimaneutraalsus on saavutatav ka põlevkiviga [Võrguväljaanne]

Harrik, Airika novaator.err.ee 2021 ["Energiatehnoloog: kliimaneutraalsus on saavutatav ka põlevkiviga"](https://novaator.err.ee/2021/07/28/13.4)

Energy analysis in ice hockey arenas and analytical formula for the temperature profile in the ice pad with transient boundary conditions

Ferrantelli, Andrea; Viljanen, Klaus; Kurnitski, Jarek Advances in building energy research 2021 / p. 499-522 : ill <https://doi.org/10.1080/17512549.2019.1615549> Journal metrics at Scopus Article at Scopus

Energy management of an isolated microgrid : a practical case

Ghasemi-Marzbali, Ali; Ahmadihangar, Roya; Gouran Orimi, Sina; Shafiei, Mohammad; Häring, Tobias; Rosin, Argo IECON 2021 – 47th Annual Conference of the IEEE Industrial Electronics Society, 13-16 October 2021, Toronto, ON, Canada 2021 / 6 p. : ill <https://doi.org/10.1109/IECON48115.2021.9589801> Conference Proceedings at Scopus Article at Scopus Article at WOS

Energy metabolic plasticity of colorectal cancer cells as a determinant of tumor growth and metastasis

Reinsalu, Leenu; Puurand, Marju; Tšekulajev, Vladimir; Miller, Sten; Ševtšuk, Igor; Tepp, Kersti; Rebane-Klemm, Egle; Timohhina, Natalja; Terasmaa, Anton; Käämbre, Tuuli Frontiers in Oncology 2021 / Art. nr. 698951 <https://doi.org/10.3389/fonc.2021.698951> Journal metrics at Journal Article at Scopus Journal metrics at WOS Article at WOS

Energy security assessment of emerging economies under global and local challenges

Sotnyk, Iryna; Kurbatova, Tetiana; Kubatko, Oleksandr; Prokopenko, Olha; **Prause, Gunnar Klaus**; Kovalenko, Yevhen; Trypolska, Galya; Pysmenna, Uliana Energies 2021 / art. 5860, 20 p. : ill <https://doi.org/10.3390/en14185860>

Energy storage for 1500 V photovoltaic systems : A comparative reliability analysis of DC-and AC-Coupling

He, Jinkui; Yang, Yongheng; **Vinnikov, Dmitri** Emerging converter topologies and control for grid connected photovoltaic systems 2021 / p. 323-338 : ill <https://doi.org/10.3390/books978-3-03943-910-2>

Energy supply and storage optimization for mixed-type buildings

Rikkas, Elina Rebecka; Lahdelma, Risto Energy 2021 / art. 120839 <https://doi.org/10.1016/j.energy.2021.120839>

Energy trading and management strategies in a regional integrated energy system with multiple energy carriers and renewable-energy generation

Wang, Yizheng; Jiang, Chenwei; **Wen, Fushuan**; Xue, Yusheng; Chen, Fei; Zhang, Lijun; Yuan, Xiang Journal of energy engineering 2021 / p. 04020076-1-04020076-12 : ill [https://doi.org/10.1061/\(ASCE\)EY.1943-7897.0000726](https://doi.org/10.1061/(ASCE)EY.1943-7897.0000726) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enginaator - teoreetilised teadmised praktikas proovile!

Studioosus 2021 / lk. 14 : fot https://www.estee.ee/record=b1558644*est

Engineering students mobility: intercultural barriers to achieving intercultural competences

Vodovozov, Valery; **Raud, Zoja** Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 2 2021 / p. 248-255 https://doi.org/10.1007/978-3-030-68201-9_78 [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Enhanced bioremediation of pulp effluents through improved enzymatic treatment strategies : a greener approach

Dixit, Mandeep; Gupta, Guddu Kumar; **Usmani, Zeba**; Sharma, Minaxi; Shukla, Pratyosh Renewable and Sustainable Energy Reviews 2021 / Art. 111664 <https://doi.org/10.1016/j.rser.2021.111664> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enhancing NIR emission in ZnAl₂O₄:Nd,Ce nanofibers by co-doping with Ce and Nd: a promising biomarker material with low cytotoxicity

Rojas Hernandez, Rocio Estefania; Rubio-Marcos, Fernando; Gorni, Giulio; Marini, Carlo; **Danilson, Mati**; Pascual, Laura; Ichikawa, Rodrigo Uchida; **Hussainova, Irina**; Fernandez, Jose Francisco Journal of materials chemistry C 2021 / p. 657-670 : ill <https://doi.org/10.1039/D0TC04752J> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enne kui saabuvad „välisrebased“

Pärismaa, Sirje Õpetajate Leht 2021 / Lk. 2-3 : fot <https://dea.digar.ee/article/opetajateleht/2021/06/04/5.1>

Enneolematu: Just nii hakatakse suvel uurima Estonia vrakki [Võrguväljaanne]

ekspress.ee 2021 ["Enneolematu: Just nii hakatakse suvel uurima Estonia vrakki "](#)

Environment for innovative university research training in the field of digital test

Oyeniran, Adeboye Stephen; **Ademilua, Tolulope**; **Kruus, Margus**; **Ubar, Raimund-Johannes** 2021 30th Annual Conference of the European Association for Education in Electrical and Information Engineering (EAEEIE) 2021 <https://doi.org/10.1109/EAEEIE50507.2021.9531003>

Environmental changes of the stadial/interstadial type during the Late Saalian (MIS-6) – Multi-proxy record at the Wola Starogrodzka site, central Poland

Kupryjanowicz, Mirosława; Filoc, Magdalena; Drzymulska, Danuta; **Poska, Anneli**; Suchora, Magdalena; Zarski, Marcin; Mroczek, Przemysław Paweł Palaeogeography, palaeoclimatology, palaeoecology 2021 / art. 110420, 14 p. : ill <https://www.sciencedirect.com/science/article/pii/S0031018221002054> <https://doi.org/10.1016/j.palaeo.2021.110420> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Environmental drivers and abrupt changes of phytoplankton community in temperate lake Lielais Svētīgu, Eastern Latvia, over the last Post-Glacial period from 14.5 kyr

Tönno, Ilmar; Talas, Liisi; Freiberg, Rene; Kisand, Anu; Belle, Simon; **Stivrinš, Normunds**; **Alliksaar, Tiit**; **Heinsalu, Atko**; **Veski, Siim**; Kisand, Veljo Quaternary science reviews 2021 / art. 107006 <https://doi.org/10.1016/j.quascirev.2021.107006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)