

“A Sane Island in an Ocean of Madness” : A case of alternative organisational ethics through post-growth values

Robra, Ben; **Pazaitis, Alexandros**; Levy, Arnaud Journal of business ethics 2025 / art. 140351 <https://doi.org/10.1007/s10551-024-05921-7>

AAV-mediated targeting of gene expression to the peri-infarct region in rat cortical stroke model

Mätlik, Kert; Abo-Ramadan, Usama; Harvey, Brandon K.; **Arumäe, Urmas**; Airavaara, Mikko Journal of neuroscience methods 2014 / p. 107-113 : ill <https://doi.org/10.1016/j.jneumeth.2014.08.014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

ABCE1 is a highly conserved RNA silencing suppressor : [journal article]

Kärblane, Kairi; Gerassimenko, Jelena; Nigul, Lenne; Piirsoo, Alla; Smialowska, Agata; **Vinkel, Kadri**; Kylsten, Per; Ekwall, Karl; Swoboda, Peter; **Truve, Erkki**; **Sarmiento Guerin, Maria Cecilia** PLoS ONE 2015 / p. 1-17 : ill <https://doi.org/10.1371/journal.pone.0116702> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

ABCE1 is essential for S phase progression in human cells

Toompuu, Marina; **Kärblane, Kairi**; **Pata, Pille**; **Truve, Erkki**; **Sarmiento Guerin, Maria Cecilia** Cell Cycle 2016 / p. 1234 - 1247 <https://doi.org/10.1080/15384101.2016.1160972> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Abduction and diagrams

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

Abductive inference within a pragmatic framework

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

Aberrant glycosylation of the anti-Thomsen-Friedenreich glycotope immunoglobulin G in gastric cancer patients

Kodar, Kristel; **Izotova, Jelena**; Klaamas, Kersti; Sergejev, Boriss; **Järvekülg, Lilian**; Kurtenkov, Oleg World journal of gastroenterology 2013 / p. 3573-3582 : ill <https://doi.org/10.3748/wjg.v19.i23.3573> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Abiotic stress responses and microbe-mediated mitigation in plants: The omics strategies

Meena, Kamlesh K.; Sorty, Ajay M.; Bitla, Utkarsh M.; Choudhary, Khushboo; Gupta, Priyanka; Pareek, Ashwani; Singh, Dhananjaya P.; Prabha, Ratna; Sahu, Pramod K.; **Gupta, Vijai Kumar** Frontiers in plant science 2017 / art. 172, 25 p. : ill <https://doi.org/10.3389/fpls.2017.00172> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

About technical terms of oil shale and shale oil

Reinsalu, Enno; Aarna, Indrek Oil shale 2015 / p. 291-292 https://artiklid.elnet.ee/record=b2750696*est <https://doi.org/10.3176/oil.2015.4.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

About the gasification of kukersite oil shale

Kann, Jüri; **Raukas, Anto**; **Siirde, Andres** Oil shale 2013 / p. 283-293 : ill <https://doi.org/10.3176/oil.2013.2S.08> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Abrasion and erosion resistance of cermets : a review

Kübarsepp, Jakob; **Juhani, Kristjan**; **Tarraste, Marek** Materials 2022 / art. 69 <https://doi.org/10.3390/ma15010069> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Abrasive impact wear and surface fatigue wear behaviour of Fe–Cr–C PTA overlays

Veinthal, Renno; **Sergejev, Fjodor**; **Zikin, Arkadi**; **Tarbe, Riho**; Hornung, Johann Wear 2013 / p. 102-108 <https://www.sciencedirect.com/science/article/pii/S0043164813000999> <https://doi.org/10.1016/j.wear.2013.01.077> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Abrasive wear performance of carbide composites

Klaasen, Heinrich; **Kübarsepp, Jakob** Wear 2006 / p. 520-526 : ill <https://doi.org/10.1016/j.wear.2005.12.004>

Abrasive-erosive wear of thermally sprayed coatings from experimental and commercial Cr3C2-based powders

Sarjas, Heikki; **Surženkov, Andrei**; **Juhani, Kristjan**; **Antonov, Maksim**; **Adoberg, Eron**; **Kulu, Priit**; **Viljus, Mart**; **Traksmäa, Rainer**; Matikainen, Ville; Vuoristo, Petri Journal of thermal spray technology 2017 / p. 2020-2029 : ill <https://doi.org/10.1007/s11666-017-0638-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Abrupt Alnus population decline at the end of the first millennium CE in Europe – The event ecology, possible causes and implications

Latalowa, Malgorzata; Święta-Musznicka, Joanna; Słowinski, Michal; **Stivrinš, Normunds** The Holocene 2019 / p. 1335-1349 : ill
<https://doi.org/10.1177/0959683619846978> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An abrupt change in winds that may radically affect the coasts and deep sections of the Baltic Sea

Soomere, Tarmo; Bishop, Steven R.; **Viška, Maija**; **Räämet, Andrus** Climate research 2015 / p. 163-171 : ill
<https://doi.org/10.3354/cr01269> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Absolute convergence with speed and matrix transforms

Aasma, Ants; Natarajan, Pinnangudi N. TWMS Journal of applied and engineering mathematics 2024 / p. 1109-1120
<https://jaem.isikun.edu.tr/web/index.php/archive/125-vol14no3/1241-absolute-convergence-with-speed-and-matrix-transforms> [Journal metrics at Scopus](#) [Article at Scopus](#)

Absolute quantification of viable bacteria abundances in food by next-generation sequencing : quantitative NGS of viable microbes

Kallastu, Aili; Malv, Esther; **Aro, Valter**; Meikas, Anne; Vendelin, Mariann; **Kattel, Anna**; Nahku, Ranno; Kazantseva, Jekaterina
Current Research in Food Science 2023 / art. 100443 <https://doi.org/10.1016/j.crfs.2023.100443> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Abstract categorical semantics for resourceful functional reactive programming

Jeltsch, Wolfgang Journal of logical and algebraic methods in programming 2016 / p. 1177-1200 : ill
<https://doi.org/10.1016/j.jlamp.2016.07.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Abstractive summarization of broadcast news stories for Estonian

Härm, Henry; **Alumäe, Tanel** Baltic journal of modern computing 2022 / p. 511-524 <https://doi.org/10.22364/bjmc.2022.10.3.23> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Abuse of cyberspace within the crisis in Ukraine

Hamulak, Ondrej; Valuch, Jozef Lawyer Quarterly 2018 / p. 94 - 107
https://www.researchgate.net/publication/325630831_Abuse_of_cyberspace_within_the_crisis_in_Ukraine [Journal metrics at Scopus](#) [Article at Scopus](#)

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](#)

Academic abilities, education and performance in the stock market

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

Academies of sciences in the contemporary world

Engelbrecht, Jüri; Šlaus, Ivo Trames 2022 / p. 131-139 <https://doi.org/10.3176/tr.2022.2.01>

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

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

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

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

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 presentability in 2-categories

Di Liberti, Ivan; **Loregian, Fosco** Journal of pure and applied algebra 2023 / art. 107155, 25 p

<https://doi.org/10.1016/j.jpaa.2022.107155> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [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](#)

Accessibility conditions of MIMO nonlinear control systems on homogeneous time scales

Bartosiewicz, Zbigniew; **Kotta, Ülle**; **Tönso, Maris**; Wyrwas, Małgorzata Mathematical control and related fields 2016 / p. 217-250

<https://doi.org/10.3934/mcrf.2016002> [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; **Rassölkin, 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](#)

Accessible routes : evaluation and implementation of an inclusive indoor navigation app for people with disabilities

Helmer, Daniel; Weil, R.; Hinkelmann, Heiko; Reh, E.; Szilvas, K.; **Hollstein, Thomas** Gerontechnology 2024 / p. 1

<https://doi.org/10.4017/GT.2024.23.S.988.OPP> [Journal metrics at Scopus](#) [Article at Scopus](#)

Accommodation to defects in the discrete dynamic systems

Zhirabok, Alexey N.; **Kotta, Ülle**; **Shumsky, A. E.** Automation and remote control 2014 / p. 997-1009 : ill

<https://doi.org/10.1134/S0005117914060010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Accountability and risk governance : a scenario-informed reflection on European regulation of GMOs

Drott, Laura; Jochum, Lukas; Lange, Frederik; Skierka-Canton, Isabel; Vach, Jonas; Asselt, Marjolein B.A. van Journal of risk

research 2013 / p. 1123-1140 <https://doi.org/10.1080/13669877.2012.743161>

Accounting for what and to whom? Accountability tensions in collaborations addressing long-term unemployment

Hansen, Magnus Paulsen; Triantafyllou, Peter; Bello, Benedetta; Boon, Jan; Van Doninck, Dries; Downe, James; Hopkins, Cate; Klijn,

Erik Hans; **Sarapuu, Külli**; Stevens, Vidar; Verhoest, Koen Social Policy & Administration 2022 / p. 1156-1171

<https://doi.org/10.1111/spol.12846> [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](#)

Accumulation of heavy minerals in the eastern coast of the Gulf of Riga, south-western Estonia

Järvelill, Johanna-lisebel; **Kleesment, Anne**; Raukas, Anto Bulletin of the Geological Society of Finland 2015 / p. 67 - 78

<https://doi.org/10.17741/bgsf/87.2.002> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

Stankevica, Karina; Vincevica-Gaile, Zane; Klavins, Maris; Kalnina, Laimdota; **Stivrinš, Normunds**; Grudzińska, Ieva; **Kaup, Enn**

Chemical geology 2020 / art. 119502, 14 p. : ill <https://doi.org/10.1016/j.chemgeo.2020.119502> [Journal metrics at Scopus](#) [Article at](#)

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

Accuracy 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](#)

Accuracy of the Mindlin model in A0 Lamb mode scattering from partial through-thickness damage

Lints, Martin; **Ratassepp, Madis** Applied Sciences (Switzerland) 2024 / art. 9351 <https://doi.org/10.3390/app14209351> [Journal](#)

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

Accurate detection of paroxysmal atrial fibrillation with certified-GAN and neural architecture search

Asadi, Mehdi; Poursalim, Fatemeh; Loni, Mohammad; **Daneshtalab, Masoud**; Sjödin, Mikael; Gharehbaghi, Arash Scientific

Reports 2023 / art. 11378, 16 p. : ill <https://doi.org/10.1038/s41598-023-38541-8>

Accurate dialysis dose evaluation and extrapolation algorithms during online optical dialysis monitoring

Fridolin, Ivo; **Karai, Deniss**; **Kostin, Sergei**; **Ubar, Raimund-Johannes** IEEE transactions on biomedical engineering 2013 / p.

1371-1377 : ill <https://doi.org/10.1109/TBME.2012.2234458> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Accurate prediction of international trade flows : leveraging knowledge graphs and their embeddings

Rincon-Yanez, Diego; **Ounoughi, Chahinez; Sellami, Bassem; Kalvet, Tarmo; Tiits, Marek**; Senatore, Sabrina; **Ben Yahia, Sadok** Journal of King Saud University - computer and information sciences 2023 / art. 101789, 11 p

<https://doi.org/10.1016/j.jksuci.2023.101789> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Accurate sea surface heights from Sentinel-3A and Jason-3 retrackers 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](#)

An acid-free method of microfossil extraction from clay-rich lithologies using the surfactant Rewoquat

Jarochovska, Emilia; **Tonarová, Petra**; Munnecke, Axel; Ferrová, Lenka; Sklenář, Jan; Vodrážková, Stanislava Palaeontologia Electronica 2013 <https://doi.org/10.26879/382> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

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](#)

The Acidity of Weak NH Acids : Expanding the pKa Scale in Acetonitrile

Lõkov, Märt; Kesküla, Carmen; Tshepelevitsh, Sofja; Pikma, Marta-Lisette; Saame, Jaan; **Trubitsõn, Dmitri; Kanger, Tõnis**; Leito, Ivo ACS Organic & Inorganic Au 2025 <https://doi.org/10.1021/acsorginorgau.4c00095>

AC-link based new microgrid system for research of local power flow management

Märss, Mairo; Annuk, Andres; Allik, Alo; Uiga, Jaanus Agronomy research 2014 / p. 553-562

https://agronomy.emu.ee/vol122/2014_2_26_b5.pdf [Journal metrics at Scopus](#) [Article at Scopus](#)

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 forward model for guided wave propagation and scattering in a pipe bend

Rasgado Moreno, Carlos Omar; Rist, Marek; Land, Raul; Ratassepp, Madis Sensors 2022 / art. 486

<https://doi.org/10.3390/s22020486> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Acoustic noise computation of electrical motors using the boundary element method

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

Acoustic performance of micro-grooved elements

Auriemma, Fabio Applied acoustics 2017 / p. 128-137 : ill <https://doi.org/10.1016/j.apacoust.2017.02.019> [Journal metrics at Scopus](#)

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

Acoustic radiation of a submerged cylindrical shell in low frequency

Van de Loock, Julien; **Klauson, Aleksander** Journal of the Acoustical Society of America 2013 / p. EL26-EL32 : ill

<https://doi.org/10.1121/1.4769398> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Acoustic spectrum analysis of genuine and counterfeit euro coins

Gavrijaševa, Alina; Märten, Olev; Land, Raul Elektronika ir elektrotehnika = Electronics and electrical engineering 2015 / p. 54-

57 : ill <https://doi.org/10.5755/j01.eee.21.3.10384> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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>

Acoustic study on tubular micro-perforated flow plug sections for vehicle silencer's application

Villau, Margus; Rämmal, Hans; Lavrentjev, Jüri SAE Technical Paper 2022 / p. 1-7 <https://doi.org/10.4271/2022-01-0933>

<https://www.sae.org/publications/technical-papers/content/2022-01-0933/> [Conference proceedings at Scopus](#) [Article at Scopus](#)

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

Acridinium photocatalyzed monofluoromethyl radical cascade reaction of alkenes with iodine(III) reagent : A mechanistic study
Ramkumar, Nagarajan; Raiskuma, Anete Patricija; Baumane, Larisa; Kinens, Artis; Traskovskis, Kaspars; **Ošeka, Maksim**; Veliks, Janis Advanced synthesis & catalysis 2025 / 12 p <https://doi.org/10.1002/adsc.70069>

Activated persulfate and hydrogen peroxide treatment of highly contaminated water matrices: a comparative study
Dulova, Niina; **Kattel, Eneliis**; **Trapido, Marina** International journal of environmental science and development 2020 / p. 549-554
<https://doi.org/10.18178/ijesd.2020.11.12.1306> [Journal metrics at Scopus](#) [Article at Scopus](#)

Activation and reactivity of Estonian oil shale cyclone ash towards SO₂ binding
Kaljuvee, Tiit; Trass, Olev; **Pihu, Tõnu**; **Konist, Alar**; **Kuusik, Rein**, **keemik** Journal of thermal analysis and calorimetry 2015 / p. 19-28 : ill <https://doi.org/10.1007/s10973-014-4308-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Activation in organic and macromolecular including peptide synthesis by fluorinated carboxylic acids and derivatives
Percec, Virgil; **Adamson, Jasper**; Maurya, Devendra S. European journal of organic chemistry 2025 / 11 p.
<https://doi.org/10.1002/ejoc.202500776>

Activation of oil shale ashes for sulfur capture
Trass, Olev; **Kuusik, Rein**, **keemik**; **Kaljuvee, Tiit** Oil shale 2018 / p. 375-385 : ill <https://doi.org/10.3176/oil.2018.4.07>
http://www.kirj.ee/public/oilshale_pdf/2018/issue_4/OS-2018-4-375-385.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Active blended learning engineering students : a case study
Vodovozov, Valery; **Raud, Zoja**; **Petlenkov, Eduard** Education Sciences 2022 / art. 344 <https://doi.org/10.3390/educsci12050344>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Active chitosan–chestnut extract films used for packaging and storage of fresh pasta
Körge, Kristi; Bajić, Marijan; Likožar, Blaž; Novak, Uroš International Journal of Food Science and Technology 2020 / p. 3043 - 3052
<https://doi.org/10.1111/ijfs.14569> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Active 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 methods in entrepreneurship education : a case study with engineering students
Hammoda, Basel Osama Sayed Ahmed; Winkler, Christoph European journal of engineering education 2024 / p. 1203-1226
<https://doi.org/10.1080/03043797.2024.2384893> [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 (MSLTII2)
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>

Active vs passive novelty-related strategies : sex differences in exploratory behaviour and monoaminergic systems
Liiver, Kristi; Imbeault, Sophie; **Školnaja, Marianna**; Kaart, Tanel; Kanarik, Margus; Laugus, Karita; De Wettinck, Jade; Pulver, Aleksander; Shimmo, Ruth; Harro, Jaanus Behavioural brain research 2023 / art. 114297 <https://doi.org/10.1016/j.bbr.2023.114297>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Activity-based costing (ABC) and time-driven activity-based costing (TDABC) : applicable methods for university libraries?
Kont, Kate-Riin; **Jantson, Signe** Evidence based library and information practice 2011 / p. 107-119 : ill
<https://doi.org/10.18438/B8GG8Z>

Actual energy performance and indoor climate in Finnish NZEB daycare and school buildings
Ahmed, Kaiser; Hasu, Tero; **Kurnitski, Jarek** Journal of building engineering 2022 / art. 104759
<https://doi.org/10.1016/j.job.2022.104759> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Acyclicity conditions on pasting diagrams
Hadzihasanovic, Amar; **Kessler, Diana-Maria** Applied categorical structures 2024 / art. 31 <https://doi.org/10.1007/s10485-024-09784-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

AdAM: Adaptive Approximate Multiplier for Fault Tolerance in DNN Accelerators

Taheri, Mahdi; Cherezova, Natalia; Nazari, Samira; Azarpeyvand, Ali; Ghasempouri, Tara; Daneshtalab, Masoud; Raik, Jaan; Jenihhin, Maksim IEEE transactions on device and materials reliability 2024 / p. 66-75 : ill <https://doi.org/10.1109/TDMR.2024.3523386>

Adaptability, interpretability and rule weights in fuzzy rule-based systems

Riid, Andri; Rüstern, Ennu Information sciences 2014 / p. 301-312 : ill <https://doi.org/10.1016/j.ins.2012.12.048> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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

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

Adaptation of logistics companies to operation under the Covid-19 pandemic restrictions

Prokopenko, Olha; Prause, Gunnar Klaus; Otenko, Vasil; Cherkashyna, Maiia; Kara, Inna; Imnadze, Iraklii Acta logistica 2023 / p. 47-60 <https://doi.org/10.22306/al.v10i1.349>

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

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

Adaptation of the development of ecological entrepreneurship

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

Adapting a traditional organizational culture to the needs of a global business

Nikčević, Gordana; Bauk, Sanja Journal of East European Management Studies 2025 / art. 39792, 13 p <https://doi.org/10.31083/JEEMS39792> [Article at WOS](#)

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

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

Adaptive Extended Kalman Filter position estimation based on Ultra-Wideband Active-Passive Ranging Protocol

Laadung, Taavi; Ulp, Sander; Fjodorov, Aleksei; Alam, Muhammad Mahtab; Le Moullec, Yannick IEEE Access 2023 / p. 92575-92588 <https://doi.org/10.1109/ACCESS.2023.3308696> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Ahmed, Faisal; Tamberg, Gert; Le Moullec, Yannick; Annus, Paul Sensors 2018 / art. 1105, 26 p. : ill <https://doi.org/10.3390/s18041105> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Adaptive ventilation for climate control in a medieval church in cold climate

Napp, Margus; Wessberg, Magnus; Kalamees, Targo; Broström, Tor International journal of ventilation 2016 / p. 1-14 : ill <https://doi.org/10.1080/14733315.2016.1173289> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

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

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

Additive Manufacturing 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](#)

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 CMCs with bimodal microstructure

Maurya, Himanshu Singh; Vikram, R. J.; Kosiba, Konrad; Juhani, Kristjan; Sergejev, Fjodor; Suwas, Satyam; Prashanth, Konda Gokuldoss Journal of alloys and compounds 2023 / art. 168416, 5 p. : ill <https://doi.org/10.1016/j.jallcom.2022.168416> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Additive manufacturing of CoCrFeMnNi high-entropy alloy/AISI 316L stainless steel bimetallic structures

Sokkalingam, Rathinavelu; Chao, Zhao; Sivaprasad, Katakam; Muthupandi, Veerappan; Jayaraj, Jayamani; Ramasamy, Parthiban; Eckert, Jürgen; Prashanth, Konda Gokuldoss Advanced engineering materials 2023 / art. 2200341 <https://doi.org/10.1002/adem.202200341> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Additive manufacturing of cryogenic chemically complex alloys with sponge bone-like reticular nanoscale superstructure

Xie, Kaiqiang; Ma, Pan; Fang, Yacheng; Yang, Hong; Wan, Shiguang; Wu, Zhibin; Shi, Jinqiang; Prashanth, Konda Gokuldoss; Gargarella, Piter; Zhang, Lunyong Composites Part B : Engineering 2025 / art. 112786 <https://doi.org/10.1016/j.compositesb.2025.112786>

Additive manufacturing of electrical machines - towards the industrial use of a novel technology

Vaimann, Toomas; Kallaste, Ants Energies 2023 / art. 544 <https://doi.org/10.3390/en16010544> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Additive manufacturing of TiC-based cermets : a detailed comparison with spark plasma sintered samples

Maurya, Himanshu Singh; Jayaraj, Jayamani; Vikram, Raja Jothi; Juhani, Kristjan; Sergejev, Fjodor; Prashanth, Konda Gokuldoss Journal of alloys and compounds 2023 / art. 170436 <https://doi.org/10.1016/j.jallcom.2023.170436> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Additively manufactured mesostructured MoSi2-Si3N4 ceramic lattice

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

Additively manufactured spoke-type permanent magnet rotors : Solutions to multidisciplinary design challenges and comparison with traditional design

Ajamloo, Akbar Mohammadi; Tiismus, Hans; Kallaste, Ants; Ibrahim, Mohamed N.; Sergeant, Peter IEEE transactions on energy conversion 2025 / 12 p. <http://doi.org/10.1109/TEC.2025.3619827> <https://ieeexplore.ieee.org/document/11197694>

Addressing ethical matters in Ukrainian accounting practice

Zhatkin, Yuri; Gurvitš, Natalja; Strouhal, Jiri Economics and sociology 2017 / p. 167-178 : tab <https://doi.org/10.14254/2071-789X.2017/10-3/12> [Journal metrics at Scopus](#) [Article at Scopus](#)

Addressing housing needs of the displaced people promoting resilient and sustainable communities

Jayakody, Chathurangane; Malalgoda, Chamindi Ishara; Amaratunga, Dilanthi; Haigh, Richard; Liyanage, Champika; Hamza, Mo; Witt, Emlyn David Qivitoq; Fernando, Nishara International Journal of Disaster Resilience in the Built Environment 2022 / p. 368-385 : ill <https://doi.org/10.1108/IJDRBE-09-2021-0124> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Addressing security issues in Industry 4.0 through quantum key distribution

Auriemma, Fabio; Ejmaes, Mikkel Proceedings of the Estonian Academy of Sciences 2025 / p. 175-180 <https://doi.org/10.3176/proc.2025.2.17>

Adenylate kinase and metabolic signaling in cancer cells

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

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

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

Adjoint functor theorems for lax-idempotent pseudomonads

Arkor, Nathanael; Di Liberti, Ivan; **Loregian, Fosco** Theory and Applications of Categories 2024 / p. 667-685

<http://www.tac.mta.ca/tac/volumes/41/20/41-20.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Adjoint polynomial formulas for nonlinear state-space realization

Belikov, Juri; Kotta, Ülle; Tönso, Maris IEEE transactions on automatic control 2014 / p. 256-261

<https://doi.org/10.1109/TAC.2013.2270868> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Adoption is not enough: Institutionalization of e-participation initiatives

Randma-Liiv, Tiina Public policy and administration 2023 / p. 329-351

<https://doi.org/10.1177/09520767211069199> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Adoption of identification of medicinal products standards in Europe : health authorities and industry insights

Jones, Katrin European Studies: The Review of European Law, Economics and Politics 2024 / p. 274 - 299

<https://doi.org/10.2478/eustu-2024-0012> [Journal metrics at Scopus](#) [Article at Scopus](#)

ADP protects cardiac mitochondria under severe oxidative stress

Sokolova, Niina; Pan, Shi; Provazza, Sarah; Beutner, Gisela; Vendelin, Marko; Birkedal, Rikke; Sheu, Shey-Shing PLoS ONE 2013 / art. e83214

<https://doi.org/10.1371/journal.pone.0083214> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Adsorption and kinetics studies of Cr (VI) by graphene oxide and reduced graphene oxide-zinc oxide nanocomposite

Naseem, Taiba; Bibi, Fozia; Arif, Saira; Waseem, Muhammad Adnan; Haq, Sirajul; Azra, Mohamad Nor; **Liblik, Taavi**; Zekker, Ivar Molecules 2022 / art. 7152, 16 p. : ill

<https://doi.org/10.3390/molecules27217152> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Kong, Qiaoping; Xie, Binbin; **Preis, Sergei** RSC advances 2018 / p. 8950–8960 : ill

<https://doi.org/10.1039/c7ra11811b> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Kidakova, Anna; Reut, Jekaterina; Boroznjak, Roman; Öpik, Andres; Sõritski, Vitali Proceedings of the Estonian Academy of Sciences 2019 / p. 158–167 : ill

<https://doi.org/10.3176/proc.2019.2.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Advanced continuous cultivation methods for systems microbiology

Adamberg, Kaarel; Valgepea, Kaspar; **Vilu, Raivo** Microbiology 2015 / p. 1707-1719 : ill

<https://doi.org/10.1099/mic.0.000146> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An advanced diagnostic approach for broken rotor bar detection and classification in DTC controlled induction motors by leveraging dynamic SHAP interaction feature selection (DSHAP-IFS) GBDT methodology

Khan, Muhammad Amir; Asad, Bilal; Vaimann, Toomas; Kallaste, Ants Machines 2024 / art. 495

<https://doi.org/10.3390/machines12070495> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Advanced digital technologies in the post-disaster reconstruction process—A review leveraging small language models

Rawat, Alok; Witt, Emlyn David Qivitoq; Roumyeh, Mohamad; **Lill, Irene** Buildings 2024 / art. 3367

<https://doi.org/10.3390/buildings14113367> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Advanced machine learning and experimental studies of polypropylene based polyesters tribological composite systems for sustainable recycling automation and digitalization

Hussain, Abrar; Kübarsepp, Jakob; Sergejev, Fjodor; Goljandin, Dmitri; Hussainova, Irina; Podgurski, Vitali; Karjust, Kristo; Maurya, Himanshu Singh; Rahmani Ahranjani, Ramin; Sinka, Maris International journal of lightweight materials and manufacture 2025 / p. 252-263

<https://doi.org/10.1016/j.ijlmm.2024.11.001>

Advanced oxidation of airborne m-xylene in combination of pulsed corona discharge and post-plasma photocatalysis

Altof, Kristen; Krichevskaja, Marina; Preis, Sergei; Bolobajev, Juri Journal of electrostatics 2025 / art. 104104

<https://doi.org/10.1016/j.elstat.2025.104184>

Advanced oxidation of dexamethasone by activated peroxo compounds in water matrices : A comparative study

Onga, Liina; **Dulova, Niina; Kattel-Salusoo, Eneliis** Water 2025 / art. 2303

<https://www.mdpi.com/2073-4441/17/15/2303>

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

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

Advanced, universal, and facile gel spinning-based aerogel fibrillation : in situ fabrication of highly stretchable TPU-silica hybrid network in ambient conditions

Omranpour, Hosseinali; Hassanifard, Soran; Monfared, Ali Reza; **Omranpour Shahreza, Babak**; Salehi, Amirmehdi; Jalali, Amirjalal; Kheradmandkeymoussi, Mohamad; Rahman, Saadman Sakib; Behdinin, Kamran; Park, Chul B. Advanced composites and hybrid materials 2024 / art. 105 <https://doi.org/10.1007/s42114-024-00911-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

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

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

Advancements in risk stratification and management strategies in primary cardiovascular prevention

Barkas, Fotios; Sener, Yusuf Ziya; Golphoroush, Pelin Arabacilar; Kheirkhah, Azin; Rodriguez-Sanchez, Elena; Novak, Jan; Apellaniz-Ruiz, Maria; Akyea, Ralph Kwame; Bianconi, Vanessa; **Demikhova, Nadiia** Atherosclerosis 2024 / art. 117579 <https://doi.org/10.1016/j.atherosclerosis.2024.117579> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Advancements in underground mine surveys by using SLAM-enabled handheld laser scanners

Ellmann, Artu; **Kütimets, Kaia**; **Varbla, Sander**; **Väli, Erik**; **Kanter, Sander** Survey review 2022 / p. 363-374 <https://doi.org/10.1080/00396265.2021.1944545> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Advances in climatic form finding in architecture and urban design

De Luca, Francesco Energies 2023 / art. 3935 <https://doi.org/10.3390/en16093935> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Advances in detection of antibiotic pollutants in aqueous media using molecular imprinting technique - a review

Ayankojo, Akinrinade George; **Reut, Jekaterina**; **Nguyen, Vu Bao Chau**; **Boroznjak, Roman**; **Sõritski, Vitali** Biosensors 2022 / art. 441 <https://doi.org/10.3390/bios12070441> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Advances in eco-efficient agriculture: The plant-soil mycobiome

Pagano, Marcela Claudia; Correa, Eduardo J. Azevedo; Duarte, Neimar F.; Yelikbayev, Bakhytzhani; O'Donovan, Anthonia; **Gupta, Vijai Kumar** Agriculture 2017 / art. 14, 12 p. <https://doi.org/10.3390/agriculture7020014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 nanomaterials induced biohydrogen production using waste biomass

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

Advances in nonlinear wave research for hazard warning and mitigation

Didenkulova, Irina; Grimshaw, Roger; Slunyaev, Alexey; Tinti, Stefano Natural hazards 2016 / p. S431-S436 <https://doi.org/10.1007/s11069-016-2633-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Advances in the one-step synthesis of 2D and 3D sulfide materials grown by pulsed laser deposition assisted by a sulfur thermal cracker

Esterlich, Joan Ramish; Affannoukoue, Kevin; **Kaupmees, Reelika**; Miakota, Denys; Engberg, Sara; **Grossberg-Kuusk, Maarja**; Schou, Jorgen; Canulescu, Stela Applied physics. A, Materials science & processing 2023 / art. 59, 8 p. : ill <https://doi.org/10.1007/s00339-022-06319-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Advances in the structural biology, mechanism, and physiology of cyclopropane fatty acid modifications of bacterial

membranes

Cronan, John E.; **Lukk, Tiit** Microbiology and Molecular Biology Reviews 2022 <https://doi.org/10.1128/mmbr.00013-22> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Advancing AECO education : A project-based lean IPD design process and design management course

Pikas, Ergo; Tetik, Müge; Seppänen, Olli; **Vendel, Kadi-Riin** International journal of construction education and research 2025 / 33 p <https://doi.org/10.1080/15578771.2025.2534334>

Advancing Circular Economy Models : The Synergistic Role of Service Design and Blockchain Technology in Enhancing Sustainability and Consumer Engagement

Gerasimova, Vera Scientific Papers of the University of Pardubice, Series D : Faculty of Economics and Administration 2024 / art. 2126 <https://doi.org/10.46585/sp32022126> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Advancing citizen engagement through digital tools: A comparative study of the Baltic States

Randma-Liiv, Tiina; Bortkevičiute, R.; **Lember, Veiko**; Valtenbergs, V.; Nakrošis, V. International journal of public administration 2025 / 16 p <https://doi.org/10.1080/01900692.2025.2517124>

Advancing drug–target interaction prediction: a comprehensive graph-based approach integrating knowledge graph embedding and ProtBert pretraining

Djeddi, Warith Eddine; Hermi, Khalil; **Ben Yahia, Sadok**; Diallo, Gayo BMC Bioinformatics 2023 / art. 488, 41 p.: ill <https://doi.org/10.1186/s12859-023-05593-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Advancing port sustainability in the Baltic Sea region : A comparative analysis using the SMCC framework

Tombak, Mari-Liis; Aiken, Deniece Melissa; Toomeoja, Eliise; Tapaninen, Ulla Pirita Sustainability 2025 / art. 6764 <https://doi.org/10.3390/su17156764> [Article at Scopus](#) [Article at WOS](#)

Advancing robust governance in turbulent times : The role of multi-level governance, hybrid governance, and negotiated societal intelligence

Torring, Jacob; Bentzen, Tina; Caponio, Tiziana; Corrado, Susana; Douglas, Scott; **Nõmmik, Steven**; **Randma-Liiv, Tiina**; Russo, Chiara; Sorensen, Eva; Verhoest, Koen Public administration 2025 / 15 p <https://doi.org/10.1111/padm.70011>

Advantages of low-cost LiDAR sensors in surveying underground utility networks

Jerjomina, Angelina; **Varbla, Sander** Tunnelling and underground space technology 2024 / art. 106325 <https://doi.org/10.1016/j.tust.2024.106325>

Advantages of using a seismic piezocone penetration test for analysis of a single screw in situ displacement pile in silty soils

Leetsaar, Lehar; Korkiala-Tanttu, Leena Indian geotechnical journal 2025 / p. 802-815 : ill <https://doi.org/10.1007/s40098-024-00942-5>

Aeolian activity on the northern coast of Lake Peipsi, North-Eastern Estonia

Ratas, Urve; Raukas, Anto; Rivas, Reimo; **Tavast, Elvi** Journal of Coastal Research 2015 / p. 25-35 <https://doi.org/10.2112/JCOASTRES-D-12-00231.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

An affect-based built environment video analytics

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

Affective analytics of demonstration sites

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

Affinity gradients drive copper to cellular destinations

Banci, Lucia; Bertini, Ivano; Cioffi-Baffoni, Simone; Kozyreva, Tatiana; **Zovo, Kairit; Palumaa, Peep** Nature 2010 / p. 645-648 : ill <https://doi.org/10.1038/nature09018>

Affinity of zinc and copper ions for insulin monomers

Gavrilova, Julia; Tõugu, Vello; **Palumaa, Peep** Metallomics 2014 / p. 1296-1300 : ill <https://doi.org/10.1039/c4mt00059e> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Afforestation and abandonment of seminatural grasslands lead to biodiversity loss and a decline in ecosystem services and functions

Prangel, Elisabeth; Kasari; Toussaint, Liis; Neuenkamp, Lena; Noreika, Norbertas; Karise, Reet; Marja, Riho; Ingerpuu, Nele; Kupper, Tiit; Keerberg, Liis.; **Ivask, Mari** Journal of Applied Ecology 2023 / 12 p <https://doi.org/10.1111/1365-2664.14375> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Steen, 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](#)

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

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

Ag nanoparticles on mesoporous carbon support as cathode catalyst for anion exchange membrane fuel cell

Linge, Jonas Mart; Erikson, Heiki; Mooste, Marek; Piirsoo, Helle-Mai; **Kaljuvee, Tiit**; Kikas, Arvo; Aruväli, Jaan; Kisand, Vambola; Tamm, Aile; Kannan, Arunachala Mada; Tammeveski, Kaido International Journal of Hydrogen Energy 2023 / p. 11058-11070 <https://doi.org/10.1016/j.ijhydene.2022.12.138> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Against the political expectations and theoretical models : how to implement austerity and not to lose political power

Veebel, Viljar; Kulu, Liina Baltic journal of economics 2014 / p. 2-16 : ill <https://doi.org/10.1080/1406099X.2014.991140> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at Scopus](#)

Age calibration of the lower ordovician Fezouata Lagerstätte, Morocco

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

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

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

The age of AI in healthcare research : An analysis of projects submitted between 2020 and 2024 to the Estonian Committee on Bioethics and Human Research

Pevkur, Aive; Lubi, Kadi Journal of responsible technology 2025 / art. 100113 <https://doi.org/10.1016/j.jrt.2025.100113>

Age of the Kalana Lagerstätte, early Silurian, Estonia

Männik, Peep; Tinn, Oive; Loydell, David, K.; Ainsaar, L. Estonian journal of earth sciences 2016 / p. 105-114 : ill <https://doi.org/10.3176/earth.2016.10> https://artiklid.elnet.ee/record=b2778946*est [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

Age, facies, and geometry of the Sandbian/Katian (Upper Ordovician) pelmatozoan-bryozoan-receptaculitid reefs of the Vasalemma Formation, northern Estonia

Kröger, Björn; Hints, Linda; Lehnert, Oliver *Facies* 2014 / p. 963-986 : ill <https://doi.org/10.1007/s10347-014-0410-8> [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](#)

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

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

Ageing of kesterite solar cells 2 : Impact on photocurrent generation

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

An Agent-Based Approach to Simultaneously Reduce Speed Limits, Lower Travel Times, and Increase Pedestrian Safety in Tallinn, Estonia

Rasoulnezhad, Mahdi; Partanen, Jenni Vilhelmiina; Mozaffaree Pour, Najmeh *International Journal of E-Planning Research* 2025 / p. 1-25 <https://doi.org/10.4018/IJEPR.383732> <https://www.igi-global.com/gateway/article/full-text-pdf/383732>

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

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

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

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

Aggregated demand-side energy flexibility : a comprehensive review on characterization, forecasting and market prospects

Plaum, Freddy; Ahmadihangar, Roya; Rosin, Argo; Kilter, Jako *Energy reports* 2022 / p. 9344-9362 <https://doi.org/10.1016/j.egy.2022.07.038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aggregation of phosphate and 1-tetradecyl-3-methylimidazolium chloride background electrolytes during micellar electrokinetic chromatography

Kazarjan, Jana; Vaher, Merike; Kaljurand, Mihkel *Electrophoresis* 2015 / p. 1040–1042 : ill <https://doi.org/10.1002/elps.201400448> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aggregation ready flexibility management methods for mechanical ventilation systems in buildings

Maask, Vahur; Rosin, Argo; Korõtko, Tarmo; Thalfeldt, Martin; Syri, Sanna; Ahmadihangar, Roya *Energy and buildings* 2023 / art. 113369, 14 p. : ill <https://doi.org/10.1016/j.enbuild.2023.113369> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aggregator index for 24-hour energy flexibility evaluation in an ADN including PHEVs

Rashtbaryan, A.; Gharehpetian, Gevork B.; Baghaee, H. R.; Ahmadihangar, Roya *IEEE Access* 2024 / p. 16105-16116 <https://doi.org/10.1109/ACCESS.2024.3353136> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Agile local governments : experimentation before implementation

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

AI applications for power quality issues in distribution systems : A systematic review

Nabian Dehaghani, Mitra; Korõtko, Tarmo; Rosin, Argo *IEEE Access* 2025 / p. 18346-183652025 <https://doi.org/10.1109/ACCESS.2025.3533702>

AI applications to enhance resilience in power systems and microgrids - a review

Zahraoui, Younes; Korõtko, Tarmo; Rosin, Argo; Mekhilef, Saad; Seyedmahmoudian, Mehdi; Stojcevski, Alex; Alhamrouni, Ibrahim *Sustainability* 2024 / art. 4959 <https://doi.org/10.3390/su16124959> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

AI functionalities in cobot-based manufacturing for performance improvement in quality control application

Moor, Madis; Sarkans, Martinš; Kangru, Tavo; Otto, Tauno; Riives, Jüri Journal of machine engineering 2024 / p. 5-16

<https://doi.org/10.36897/jme/189169> [Journal metrics at Scopus](#) [Article at Scopus](#)

AI technologies and their applications in small-scale electric power systems

Shahid, Arqum; Plaum, Freddy; Korötko, Tarmo; Rosin, Argo IEEE Access 2024 / p. 109984-110001

<https://doi.org/10.1109/ACCESS.2024.3440067> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The aim of science - knowledge or wisdom

Müürsepp, Peeter Problemos : mokslo darbai = Problemos : research papers 2013 / p. 72-83

<https://doi.org/10.15388/problemos.2013.0.1777> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Taebnia, Mehdi; Toomla, Sander; Leppä, Lauri; Kurnitski, Jarek Energies 2019 / art. 693, 21 p. : ill <https://doi.org/10.3390/en12040693>

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

Air leakage levels in timber frame building envelope joints

Kalamees, Targo; Alev, Üllar; Pärnalaas, Mihkel Building and environment 2017 / p. 121-129 : ill

<https://doi.org/10.1016/j.buildenv.2017.02.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Air leakage of joints filled with polyurethane foam

Hallik, Jaanus; Gustavson, Heleen; Kalamees, Targo Buildings 2019 / art. 172, 15 p. : ill <https://doi.org/10.3390/buildings9070172>

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

Air pocket dynamics under bridging of stratified flow during rapid filling of a horizontal pipe

Kaur, Katrin; Laanearu, Janek; Annus, Ivar Journal of hydraulic engineering 2023 / art. 04022030, 11 p. : ill

[https://doi.org/10.1061/\(ASCE\)HY.1943-7900.0002021](https://doi.org/10.1061/(ASCE)HY.1943-7900.0002021) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Air pressure differences over external walls in new and retrofitted schools and daycare centers

Kauppinen, Antti; Kiviste, Mihkel; Pirhonen, Joni; Tuominen, Eero; Laukkarinen, Anssi; Huttunen, Petteri; Vinha, Juha Buildings 2022

/ art. 1629 <https://doi.org/10.3390/buildings12101629> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Air quality as an important indicator for ergonomic offices and school premises

Traumann, Ada; Kritševskaja, Marina; Tint, Piia; Klauson, Deniss Agronomy research 2014 / p. 925-934 : ill

<https://www.cabidigitallibrary.org/doi/pdf/10.5555/20143202531> [Journal metrics at Scopus](#) [Article at Scopus](#)

Air-core coupled inductor based modular solid-state circuit breaker with reduced components for DC buildings

Pogulaguntla, Aditya; Dsa, Daniel; Yagna, Griddaluru Venkata; Banavath, Satish Naik; Carvalho da Silva, Edivan Laercio; Chub,

Andrii; Vinnikov, Dmitri IEEE journal of emerging and selected topics in power electronics 2024 / 12 p

<https://doi.org/10.1109/JESTPE.2024.3485735>

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](#)

Airtightness, air exchange and energy performance in historic residential buildings with different structures

Eskola, Lari; Alev, Üllar; Arumägi, Endrik; Jokisalo, Juha; Donarelli, Anna; Sirén, Kai; Kalamees, Targo International journal of

ventilation 2015 / p. 11-26 : ill <https://doi.org/10.1080/14733315.2015.11684066> [Journal metrics at Scopus](#) [Article at Scopus](#)

Albumin affects the stability, oligomerization and ligand interactions of lipoprotein lipase

Risti, Robert; Gunn, Kathryn H.; Hiis-Hommuk, Kristofer; Seeba, Natjan-Naatan; Villo, Ly; Vendelin, Marko; Neher, Saskia B.;

Löökene, Aivar Atherosclerosis 2022 / p. 68 <https://doi.org/10.1016/j.atherosclerosis.2022.06.428>

Alcoholysis of primary amides in the presence of CF₃SO₃H

Mastitski, Anton; Vellemäe, Eerold; Smorodina, Varvara; Konist, Alar; Järv, Jaak Organic preparations and procedures international

2023 / p. 458-468 : ill <https://doi.org/10.1080/00304948.2023.2184997> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

AlCo-rich AlCoNiFe and AlCoNiFeCr high entropy alloys: Synthesis and interaction pathway at high heating rates

Nazaretyan, K.; Aydynyan, Sofiya; Kirakosyan, H.; Moskovskikh, D.; Nepapushev, A.; Kuskov, K.; Tumanyan, M.; Zargaryan, A.;

Traksmaa, Rainer; Kharatyan, S. Journal of alloys and compounds 2023 / art. 167589, 13 p

<https://doi.org/10.1016/j.jalcom.2022.167589> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aldehyde inhibition of antioxidant enzymes in the blood of diabetic patients

Lankin, Vadim Z.; Kononova, Galina G.; Tikhaze, Alla K.; **Viigimaa, Margus** Journal of Diabetes 2016 / p. 398-404 : tab
<https://doi.org/10.1111/1753-0407.12309> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Algebraic approach for analysis and control of a water tank system

Belikov, Juri; Kotta, Ülle; Tepljakov, Aleksei Information technology and control 2016 / p. 175-183 : ill
<https://doi.org/10.5755/j01.itc.45.2.13212> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Algebraic formalism of differential p-forms and vector fields for nonlinear control systems on homogeneous time scales

Bartosiewicz, Zbigniew; **Kotta, Ülle**; Pawluszewicz, Ewa; **Tõnso, Maris**; Wyrwas, Małgorzata Proceedings of the Estonian Academy of Sciences 2013 / p. 215-226 <https://doi.org/10.3176/proc.2013.4.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Algorithm for rapid exclusion of clinically relevant plasma levels of DOACs in patients using the DOAC Dipstick. An expert consensus paper

Harenberg, Job; Gosselin, Robert C.; Cuker, Adam; Becattini, Cecilia; Pabinger, Ingrid; Poli, Sven; Weitz, Jeffrey Ian; Pikta, Marika Thrombosis and Haemostasis 2024 / p. 770-777 <https://doi.org/10.1055/a-2261-1811> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An algorithm to transform discrete-time state equations into the extended observer form

Kaldmäe, Arvo; Kotta, Ülle Automatica 2024 / art. 111598 <https://doi.org/10.1016/j.automatica.2024.111598> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Aliphatic dicarboxylic acids from oil shale organic matter - historic review

Veski, Rein; **Veski, Siim** Oil shale 2019 / p. 76-95 : phot <https://doi.org/10.3176/oil.2019.1.06>
http://www.kirj.ee/public/oilshale_pdf/2019/issue_1/OS-2019-1-76-95.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Allsolution||processed transparent front contact for monograin layer kesterite solar cells

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

ALMT-independent guard cell R-type anion currents

Jaslan, Justyna; Marten, Irene; Jakobson, Liina; Arjus, Triinu; Deeken, Rosalia; **Sarmiento Guerin, Maria Cecilia**; De Angeli, Alexis; Brosche, Mikael; Kollist, Hannes; Hedrich, Rainer New phytologist 2023 / p. 2225-2234 <https://doi.org/10.1111/nph.19124> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Alongshore sediment transport analysis for a semi-enclosed basin: a case study of the Gulf of Riga, the Baltic Sea

Soomere, Tarmo; Jankowski, Mikołaj Zbigniew; Eelsalu, Maris; Parnell, Kevin Ellis; Viška, Maija Ocean Science 2025 / p. 619-641 <https://doi.org/10.5194/os-21-619-2025>

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

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

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

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

Alternative approach to buckling of square hollow section steel columns in fire

Kervališvili, Andrei; Talvik, Ivar Journal of constructional steel research 2014 / p. 140-150 : ill <https://doi.org/10.1016/j.jcsr.2013.11.018>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An alternative approach to measure quantity and smoothness of the human limb motions

Nõmm, Sven; Toomela, Aaro Estonian journal of engineering 2013 / p. 298-308 : ill <https://doi.org/10.3176/eng.2013.4.05> [Article at Scopus](#)

An alternative approach to science and technology parks

Tsiouris, Nikiforos Postdigital science and education 2024 / p. 464–479 <https://doi.org/10.1007/s42438-024-00493-1>

An alternative chlorine-assisted optimization of CdS/Sb2Se3 solar cells : towards understanding of chlorine incorporation mechanism

Gopi, Sajeesh Vadakkedath; Spalatu, Nicolae; Katerski, Atanas; Kulicek, Jaroslav; Razek, Bohuslav; Ukraintsev, Egor; Barinkova, Marketa Šlapal; Zoppi, Guillaume; **Krunks, Malle; Oja Acik, Ilona** Journal of alloys and compounds 2024 / art. 176175
<https://doi.org/10.1016/j.jallcom.2024.176175> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Alternative splicing of DENND1A, a PCOS candidate gene, generates variant 2

Tee, Meng Kian; **Speek, Mart;** Legeza, Balazs Molecular and cellular endocrinology 2016 / p. 25-35 : ill
<https://doi.org/10.1016/j.mce.2016.06.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Alternative splicing targeting the hTAF4-TAFH domain of TAF4 represses proliferation and accelerates chondrogenic differentiation of human mesenchymal stem cells

Kazantseva, Jekaterina; **Kivil, Anri;** Tints, Kairit; **Kazantseva, Anna;** Neuman, Toomas; **Palm, Kaia** PLoS ONE 2013 / art. e74799
<https://doi.org/10.1371/journal.pone.0074799> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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](#)

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

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

Amateur observers witness the return of Venus' cloud discontinuity

Kardasis, Emmanuel; Peralta, Javier; **Kananovich, Dzmitry** Atmosphere 2022 / art. 348 <https://doi.org/10.3390/atmos13020348>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ambient data-based online identification and location of frequency oscillations

Cai, Guowei; Xuan, Lei; Sun, Zhenglong; Chao, Jiang; **Belikov, Juri;** Levron, Yoash International Journal of Electrical Power and Energy Systems 2024 / art. 109843 <https://doi.org/10.1016/j.ijepes.2024.109843> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Amino acid-functionalized calix[4]resorcinarene solubilization by mono- and dicationic surfactants

Zakharova, Lucia Ya.; Serdyuk, Anna A.; Mirgorodskaya, Alla B.; **Karpichev, Yevgen** Journal of surfactants and detergents 2016 / p. 493-499 : ill <https://doi.org/10.1007/s11743-016-1792-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Maser, Andres; Peebo, Karl; Vilu, Raivo; **Nahku, Ranno** Research in microbiology 2020 / p. 185–193
<https://doi.org/10.1016/j.resmic.2020.02.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aminocatalysts are more environmentally friendly than hydrogen-bonding catalysts

Sihtmäe, Mariliis; **Silm, Estelle**; **Kriis, Kadri**; Kahru, Anne; **Kanger, Tõnis** ChemSusChem 2022 / art. e202201045, 5 p. : ill
<https://doi.org/10.1002/cssc.202201045> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Amendatud freesturbaväljade taasmetsastamine : puutuha mõju biomassi formeerumisele ja süsiniku bilansile

Ots, Katri; **Oru, Mall**; Tilk, Mari; Kuura, Leno; Aguraijuja, Karin Forestry studies = Metsanduslikud uurimused 2017 / p. 17-36
<https://doi.org/10.1515/fsmu-2017-0010> http://mi.emu.ee/userfiles/instituudid/mi/MI/FSMU/2017/67/FSMU%2067_02.pdf [Journal metrics at Scopus](#) [Article at Scopus](#)

Ammonia as clean shipping fuel for the Baltic Sea Region

Gerlitz, Laima; Mildenstrey, Eike; **Prause, Gunnar Klaus** Transport and telecommunication journal 2022 / p. 102-112 : ill
<https://doi.org/10.2478/tjt-2022-0010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ammonia production as alternative energy for the Baltic Sea Region

Prause, Gunnar Klaus; Olaniyi, Eunice Omolola; **Gerstlberger, Wolfgang Dieter** Energies 2023 / art. 1831
<https://doi.org/10.3390/en16041831> [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](#)

Amphiphilic glycosylated block copolypeptides as macromolecular surfactants in the emulsion polymerization of styrene

Jacobs, Jaco; **Gathergood, Nicholas**; Heuts, Johan P. A.; Heise, Andreas Polymer chemistry 2015 / p. 4634-4640 : ill
<https://doi.org/10.1039/C5PY00548E> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Amplitude-modulated low-power decoupling sequences for fast magic-angle spinning NMR

Agarwal, Vipin; **Tuherm, Tiit**; **Reinhold, Andres**; **Past, Jaan**; **Samoson, Ago**; Ernst, Matthias; Meier, Beat H. Chemical Physics Letters 2013 / p. 1-7 <https://doi.org/10.1016/j.cplett.2013.07.073> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Reimand, Juhan; Boon, Baayla D.C.; Collij, Lyduine E.; Teunissen, Charlotte E.; Rozemuller, Annemieke J.M.; Van Berckel, Bart N.M.; Scheltens, Philip; Ossenkoppele, Rik; Bouwman, Femke Annals of clinical and translational neurology 2020 / p. 2150-2160
<https://doi.org/10.1002/acn3.51195> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An analysis of hybrid renewable energy system using HOMER Pro: a case study in Sungai Tiang Camp, Perak

Fadzli, Nur Farzana Athirah Mohd; Azmi, Azlin Mohd; Dahlan, Nofri Yenita; Ismail, Zubir Ahmad Mohd; **Sukumaran, Sreenath** Journal of advanced research in applied sciences and engineering technology 2023 / p. 79-92 : ill <https://doi.org/10.37934/araset.31.3.7992>
[Journal metrics at Scopus](#) [Article at Scopus](#)

An analysis of issues for the management of post-disaster housing reconstruction

Bilau, Abdulquadri Ade; **Witt, Emlyn David Qivitoq** International journal of strategic property management 2016 / p. 265-276 : ill
<https://doi.org/10.3846/1648715X.2016.1189975> http://www.estser.ee/record=b2509383*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An approach to the inference of finite state machines based on a gravitationally-inspired search algorithm

Spitšakova, Margarita Proceedings of the Estonian Academy of Sciences 2013 / p. 39-46 <https://doi.org/10.3176/proc.2013.1.05>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An assessment of the scope and effectiveness of soft measures to handle plastic pollution in the Baltic Sea Region

Filho, Walter Leal; **Voronova, Viktoria**; **Barbir, Jelena**; Moora, Harri; **Klõga, Marija**; Kliučininkas, Linas; Klavins, Maris; Tirca, Diana-Mihaela Marine pollution bulletin 2024 / art. 117090, 10 p. : ill <https://doi.org/10.1016/j.marpolbul.2024.117090> [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**; **Õpik, Andres**; **Sõritski, 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 evaluation of e-prescribing at a national level

Parv, Liisa; Kruus, Priit; Mötte, Kaie; **Ross, Peeter** Informatics for health and social care 2014 / p. 78-95
<https://doi.org/10.3109/17538157.2014.948170> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An experimental study on the effects of matrix cracking to the stiffness of glass/epoxy cross plied laminates

Lasn, Kaspar; Echtermeyer, Andreas T.; **Klauson, Aleksander;** Chati, Farid; Decultot, Dominique Composites. Part B: Engineering 2015 / p. 260-268 : ill <https://doi.org/10.1016/j.compositesb.2015.06.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An in situ study of bioenergetic properties of human colorectal cancer: The regulation of mitochondrial respiration and distribution of flux control among the components of ATP synthasome

Kaldma, Andrus; Klepinin, Aleksandr; Chekulayev, Vladimir; Mado, Kati; Shevchuk, Igor; Timohhina, Natalja; Tepp, Kersti; Kandashvili, Manana; **Planken, Margus; Truu, Laura** International journal of biochemistry and cell biology 2014 / p. 171-186 : ill <https://doi.org/10.1016/j.biocel.2014.09.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An integrated electroactive polymer sensor-actuator : design, model-based control, and performance characterization

Hunt, Andres; Chen, Zheng; Tan, K.; **Kruusmaa, Maarja** Smart materials and structures 2016 / art. 035016, p. 1-16 : ill <https://doi.org/10.1088/0964-1726/25/3/035016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An interleaved ZVS high step-up converter for renewable energy systems applications

Nouri, Tohid; Branch, Sari; Shaneh, Mahdi; Benbouzid, Mohamed; **Vosoughi Kurdkandi, Naser** IEEE Transactions on Industrial Electronics 2022 / p. 4786-4800 <https://doi.org/10.1109/TIE.2021.3080211> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An investigation of anticyclonic circulation in the southern Gulf of Riga during the spring period

Soosaar, Edith; Maljutenko, Ilja; Raudsepp, Urmas; Elken, Jüri Continental shelf research 2014 / p. 75-84 : ill <https://doi.org/10.1016/j.csr.2014.02.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An investigation of image processing techniques for substrate classification based on dominant grain size using RGB images from UAV

Arif, Mohammad Shafi M.; Gülch, Eberhard; **Tuhtan, Jeffrey Andrew;** Thumser, Philipp; Haas, Christian International journal of remote sensing 2017 / p. 2639-2661 : ill <https://doi.org/10.1080/01431161.2016.1249309> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An NMR and MD modeling insight into nucleation of 1,2-alkanediols : selective crystallization of lipase-catalytically resolved enantiomers from the reaction mixtures

Parve, Omar; Reile, Indrek; Parve, Jaan; Kasvandik, Sergio; **Kudrjašova, Marina; Tamp, Sven; Metsala, Andrus; Villo, Ly; Pehk, Tõnis;** Jarvet, Jüri; Vares, Lauri Journal of organic chemistry 2013 / p. 12795-12801 : ill <https://doi.org/10.1021/jo402189e> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#) [Journal metrics at WOS](#)

An optimization framework for dynamic pipeline management in computing systems

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

An orthotropic material model for steel fibre reinforced concrete based on the orientation distribution of fibres

Eik, Marika; Puttonen, Jari; **Herrmann, Heiko** Composite structures 2015 / p. 324-336 : ill <https://doi.org/10.1016/j.compstruct.2014.11.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An overview of FPGA-inspired obfuscation techniques

Abideen, Zain Ul; Gokulanathan, Sumathi; Aljafar, Muayad J.; Pagliarini, Samuel Nascimento ACM computing surveys 2024 / art. 299, 35 p. : ill <https://doi.org/10.1145/3677118> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Analyse de la mentalité technocratique chez les fonctionnaires européens

Raudla, Ringa; Douglas, James W.; Mohr, Zachary T. Revue internationale des sciences administratives 2022 / p. 791-809 <https://doi.org/10.3917/risa.884.0791>

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

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

Analysing drivers of knowledge leakage in collaborative agreements : a magnetic processing case firm

Foli, Samuel; Durst, Susanne Journal of risk and financial management 2022 / art. 389 <https://doi.org/10.3390/jrfm15090389> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analysis and study of the influence of the geometrical parameters of mini unmanned quad-rotor helicopters to optimise

energy saving

Penkov, Igor; Aleksandrov, Dmitri International journal of automotive and mechanical engineering 2017 / p. 4730-4746 : ill
<https://doi.org/10.15282/ijame.14.4.2017.11.0372> [Journal metrics at Scopus](#) [Article at Scopus](#)

Analysis of a flywheel storage system for ultra-fast charging station of electric vehicles with regard to electric machine design and operational speed range

Dziechciaruk, Grzegorz; Grzesiak, Lech; Vezzini, Andrea; **Höimoja, Hardi** Przegląd Elektrotechniczny = Electrical Review 2013 / [7] p. : ill <https://www.researchgate.net/publication/288576180> [Analysis of a flywheel storage system for ultra-fast charging station of electric vehicles with regard to electric machine design and operational speed range](#) [Journal metrics at Scopus](#) [Article at Scopus](#)

An Analysis of Arterial Pulse Wave Time Features and Pulse Wave Velocity Calculations Based on Radial Electrical Bioimpedance Waveforms in Patients Scheduled for Coronary Catheterization

Lotamöis, Kristina; Uuetoa, Tiina; **Krivošei, Andrei; Annus, Paul; Metshein, Margus; Rist, Marek; Margus, Sulev; Min, Mart; Tamberg, Gert** Journal of Cardiovascular Development and Disease 2025 / art. 237 <https://doi.org/10.3390/jcdd12070237>

Analysis of borehole geophysical data from the Mora area of the Siljan Ring impact structure, central Sweden

Muhamad, Harbe; Juhlin, Christopher; **Lehnert, Oliver**; Meinhold, Guido; Andersson, Magnus; Garcia Juanatey, Maria; Malehmir, Alireza Journal of Applied Geophysics 2015 / p. 183 - 196 <https://doi.org/10.1016/j.jappgeo.2015.02.019> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analysis of deep level centers in GaAs pin-diode structures

Korolkov, Oleg; Toompuu, Jana; Rang, Toomas Elektronika ir elektrotehnika = Electronics and electrical engineering 2013 / [4] p.] : ill <https://doi.org/10.5755/j01.eee.19.10.5903> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analysis of design requirements and optimization possibilities of partial power converter for photovoltaic string applications in DC microgrids

Chub, Andrii; Hassanpour, Naser; Yadav, Neelesh; Jalakas, Tanel; Blinov, Andrei; Vinnikov, Dmitri IEEE Access 2024 / p. 14605-14619 <https://doi.org/10.1109/ACCESS.2024.3354375> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Analysis of energy economic renovation for historic wooden apartment buildings in cold climates

Arumägi, Endrik; Kalamees, Targo Applied energy 2014 / p. 540-548 : ill <https://doi.org/10.1016/j.apenergy.2013.10.041> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An analysis of engineering students' knowledge on the topic of occupational health and safety

Paju, Jana; Kalle, Sigrid Agronomy research 2015 / p. 810-819 : ill http://agronomy.emu.ee/vol133/13_3_19_B5.pdf [Journal metrics at Scopus](#) [Article at Scopus](#)

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 fault-tolerant operation capabilities of an isolated bidirectional current-source DC–DC converter

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

Analysis of financial growth in manufacturing companies across three Nordic countries

Hilmola, Olli-Pekka Kristian; Fjellström, Daniella; Hilletoft, Per Frontiers in Applied Mathematics and Statistics 2025 / 13 p <https://doi.org/10.3389/fams.2025.1629810>

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

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

Analysis of 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 greenhouse gas emissions from Estonian oil shale based energy production processes. Life cycle energy

analysis perspective

Siirde, Andres; Eldermann, Meelis; Rohumaa, Priit; **Gušča, Julija** Oil shale 2013 / p. 268-282 : ill

https://artiklid.elnet.ee/record=b2631747*est <https://doi.org/10.3176/oil.2013.2S.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analysis of Kazakhstan oil shale deposits in accordance with resource estimation practices for consideration of potential shale oil reserves

Sabanov, Sergei; **Konist, Alar**; Korshunova, Ruslana Energies 2025 / art. 621 <https://doi.org/10.3390/en18030621>

Analysis of large deflections of a curved cantilever subjected to a tip-concentrated follower force

Shvartsman, Boris International journal of non-linear mechanics 2013 / p. 75-80 : ill <https://doi.org/10.1016/j.ijnonlinmec.2012.10.015>

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

Analysis of logistics costs drivers in Estonia

Kiisler, Ain; **Hilmola, Olli-Pekka Kristian**; **Tolli, Andres** World review of intermodal transportation research 2017 / p. 110-129

<https://doi.org/10.1504/WRITR.2017.082731> [Journal metrics at Scopus](#) [Article at Scopus](#)

Analysis of measures for managing issues in post-disaster housing reconstruction

Bilau, Abdulquadri Ade; **Witt, Emlyn David Qivitoq**; **Lill, Irene** Buildings 2017 / art. 29, p. 1-26 : ill

<https://doi.org/10.3390/buildings7020029> [Journal metrics at Scopus](#) [Article at Scopus](#)

Analysis of natural background and dredging-induced changes in TSM concentration from MERIS images near commercial harbours in the Estonian coastal sea

Siitam, Laura; **Sipelgas, Liis**; **Uiboupin, Rivo** International journal of remote sensing 2014 / p. 6764-6780 : ill

<https://doi.org/10.1080/01431161.2014.963898> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analysis of optical properties and structure of GaTe - CdTe nanocomposite

Caraman, Iuliana; Untila, Dumitru; Evtodiev, Igor; Canter, Valeriu; **Spalatu, Nicolae**; Rusu, Dragos; Luchian, Efimia; Rotaru, Irina

Chalcogenide letters 2015 / p. 683-692 : ill https://chalcogen.ro/683_Caraman.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analysis of photocatalytic performance of nanostructured pyrogenic titanium dioxide powders in view of their polydispersity and phase transition : critical anatase particle size as a factor for suppression of charge recombination

Moiseev, Anna; **Kritševskaja, Marina**; Qi, Fei; Weber, Alfred; Deubener, Joachim Chemical engineering journal 2013 / p. 614-621 :

ill <https://doi.org/10.1016/j.cej.2013.05.038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analysis of possible faults and diagnostic methods of the Cartesian industrial robot

Autsou, Siarhei; **Rassõlkin, Anton**; **Vaimann, Toomas**; **Kudelina, Karolina** Proceedings of the Estonian Academy of Sciences

2022 / p. 227-24 : ill <https://doi.org/10.3176/proc.2022.3.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analysis of ship wake transformation in the coastal zone using time-frequency methods

Torsvik, Tomas; **Herrmann, Heiko**; **Didenkulova, Irina**; **Rodin, Artem** Proceedings of the Estonian Academy of Sciences 2015 /

p. 379-388 : ill https://artiklid.elnet.ee/record=b2740572*est <https://doi.org/10.3176/proc.2015.3S.08> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analysis of short fibres orientation in steel fibre-reinforced concrete (SFRC) by X-ray tomography

Suuronen, Jussi-Petteri; **Eik, Marika**; **Herrmann, Heiko** Journal of materials science 2013 / p. 1358-1367 : ill

<https://doi.org/10.1007/s10853-012-6882-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analysis of the insulation criteria for nearly-zero energy buildings in Estonia

Voll, Hendrik; **De Luca, Francesco**; Pavlovas, Vitalis Science and technology for the built environment 2016 / p. 939-950 : ill

<https://doi.org/10.1080/23744731.2016.1195657> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Yungmeister, Dmitry A.; **Krupenski, Igor**; Lavrenko, Sergey A. Journal of Mining Institute 2018 / p. 321 - 325

<https://doi.org/10.25515/pmi.2018.3.321> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analysis of the vibration magnitude of an induction motor with different numbers of broken bars

Martinez, Javier; **Belahcen, Anouar**; Muetze, Annette IEEE transactions on industry applications 2017 / p. 2711-2720 : ill

<https://doi.org/10.1109/TIA.2017.2657478> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

Analysis of traditional and alternative methods for solving voltage problems in low voltage grids : an Estonian case study
Rosin, Argo; Drovtar, Imre; Mölder, Heigo; Haabel, Kaija; Astapov, Victor; Vinnal, Toomas; Korõtko, Tarmo Energies 2022 / art. 1104 <https://doi.org/10.3390/en15031104> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analyzing meta-heuristic algorithms for task scheduling in a fog-based IoT application
Rahbari, Dadmehr Algorithms 2022 / art. 397 <https://doi.org/10.3390/a15110397> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article 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](#)

Analyzing the emptying process of a large-scale pipeline with three-dimensional CFD simulations
Chen, Xifeng; Hou, Qingzhi; Tijsseling, Arris S.; Laanearu, Janek; Khu, Soon Thiam Journal of hydraulic engineering 2025 / art. 04025036 <https://doi.org/10.1061/JHEND8.HYENG-14153>

Analyzing the fulfillment of daylight and overheating requirements in residential and office buildings in Estonia
Sepulveda Luque, Abel; De Luca, Francesco; Thalfeldt, Martin; Kurnitski, Jarek Building and environment 2020 / art. 107036, 12 p <https://doi.org/10.1016/j.buildenv.2020.107036> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analytical approach for maximizing self-consumption of nearly zero energy buildings- case study : Baltic region
Ahmadihangar, Roya; Karami, Hossein; Husev, Oleksandr; Blinov, Andrei; Rosin, Argo; Jonaitis, Audrius; Sanjari, Mohammad Javad Energy 2022 / art. 121744, 11 p. : ill <https://doi.org/10.1016/j.energy.2021.121744> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analytical approach to investigate the effect of gas channel draft angle on the performance of PEMFC and species distribution
Ahmadi, Nima; Kõrgesaar, Mihkel International journal of heat and mass transfer 2020 / art. 119529 <https://doi.org/10.1016/j.ijheatmasstransfer.2020.119529> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analytical modelling and prediction formulas for domestic hot water consumption in residential Finnish apartments
Ferrantelli, Andrea; Ahmed, Kaiser; Pylsy, Petri; Kurnitski, Jarek Energy and buildings 2017 / p. 53-60 : ill <https://doi.org/10.1016/j.enbuild.2017.03.021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analytical modelling of synchronous reluctance motor including non-linear magnetic condition
Naseer, Muhammad Usman; Kallaste, Ants; Asad, Bilal; Vaimann, Toomas; Rassõlkin, Anton IET electric power applications 2022 / p. 511-524 <https://doi.org/10.1049/elp2.12172> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analytical solutions for tsunami waves generated by submarine landslides in narrow bays and channels
Didenkulova, Irina; Pelinovsky, Efim Pure and applied geophysics 2013 / p. 1661-1671 : ill <https://doi.org/10.1007/s00024-012-0510-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analytical thermal model and flow network analysis suitable for open self-ventilated machines
Shams Ghahfarokhi, Payam; Kallaste, Ants; Belahcen, Anouar; Vaimann, Toomas IET Electric Power Applications 2020 / p. 929-936 : ill <https://doi.org/10.1049/iet-epa.2019.1020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

ANAMMOX-denitrification biomass in microbial fuel cell to enhance the electricity generation and nitrogen removal efficiency
Zekker, Ivar; Bhowmick, Gourav Dhar; Priks, Hans; Nath, Dibyojoyty; Rikmann, Ergo; Jaagura, Madis Biodegradation 2020 / p. 249 - 264 <https://doi.org/10.1007/s10532-020-09907-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Andrographolide, a diterpene lactone from Andrographis paniculata and its therapeutic promises in cancer
Islam, Muhammad Torequl; Ali, Eunūs S.; Uddin, Shaikh Jamal; Gupta, Vijai Kumar Cancer letters 2018 / p. 129-145 : ill <https://doi.org/10.1016/j.canlet.2018.01.074> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Android malware concept drift using system calls : detection, characterization and challenges
Guerra Manzanares, Alejandro; Luckner, Marcin; Bahsi, Hayretudin Expert systems with applications 2022 / art. 117200, 19 p. : ill <https://doi.org/10.1016/j.eswa.2022.117200> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Anisotropic and strain-dependent model of magnetostriction in electrical steel sheets

Belahcen, Anouar; Singh, Deepak; Rasilo, Paavo; Martin, Florian; Ghalamestani, Setareh Gorji; Vandevelde, Lieven IEEE transactions on magnetics 2015 / p. 200-204 : ill <https://doi.org/10.1109/TMAG.2014.2361681> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Annealing effect for SnS thin films prepared by high-vacuum evaporation

Revathi, Naidu; Bereznev, Sergei; Looits, Mihkel; Raudoja, Jaan; Lehner, Julia; Gurevičs, Jelena; Traksmas, Rainer; Mikli, Valdek; Mellikov, Enn; Volobujeva, Olga Journal of vacuum science & technology A 2014 / p. 061506-1 - 061506-6 : ill <https://doi.org/10.1116/1.4896334> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Annealing of frozen-in defects in ZnO

Nirk, Tiit; Lott, Kalju; Seeman, Viktor; Törn, Leo; Viljus, Mart; Öpik, Andres Physica status solidi (c) 2016 / p. 590-593 : ill <https://doi.org/10.1002/pssc.201510244> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

The annexation of Crimea : a realist look from the energy resources perspective

Keypour, Javad; Hendla, Iar Baltic journal of European studies 2019 / p. 148-165 : ill <https://doi.org/10.1515/bjes-2019-0027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Annual variation of air-water temperature difference at three Estonian coastal stations

Keevallik, Sirje Estonian journal of engineering 2013 / p. 329-335 : ill <https://doi.org/10.3176/eng.2013.4.07> [Article at Scopus](#)

Anomaly detection and classification in power system state estimation: Combining model-based and data-driven methods

Asefi, Sajjad; Mitrovic, Mile; Cetanovic, Dragan; Levi, Victor; Gryazina, Elena; Terzija, Vladimir Sustainable energy, grids and networks 2023 / art. 101116, 14 p. : ill <https://doi.org/10.1016/j.segan.2023.101116> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Anomaly detection, classification and identification Tool (ADCIT)

Asefi, Sajjad; Mitrovic, Mile; Cetanovic, Dragan; Levi, Victor; Gryazina, Elena; Terzija, Vladimir Software impacts 2023 / art. 100465, 3 p. : ill <https://doi.org/10.1016/j.simpa.2023.100465> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Another scalability is possible! From non-scalability to cosmological scalability

Kostakis, Vasileios; Lemos, Lucas Barreiro; Kouvra, Asimina tripleC: Communication, Capitalism & Critique 2024 / p. 620-629 <https://doi.org/10.31269/tripleC.v22i2.1535> [Journal metrics at Scopus](#) [Article at Scopus](#)

Another side of categorical propositions : the Keynes-Johnson octagon of oppositions

Moktefi, Amirouche; Schang, Fabien History and philosophy of logic 2023 / p. 459-475 <https://doi.org/10.1080/01445340.2022.2143711> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Antecedents of technological readiness in times of crises : a comparison between before and during COVID-19

Durst, Susanne; Davila, Andres; Foli, Samuel; Kraus, Sascha; Cheng, Cheng-Feng Technology in society 2023 / art. 102195 <https://doi.org/10.1016/j.techsoc.2022.102195> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Anthropogenic impact on a seacoast landscape during the last 1300 years in central Latvia, Northeastern Europe

Stivriņš, Normunds; Doniņa, Inga; Auns, Muntis; Blaus, Ansis; Liiv, Merlin; Steinberga, Dace; Jasiunas, Nauris; Grudzinska, Ieva Geoarchaeology 2023 / p. 466-481 : ill <https://doi.org/10.1002/gea.21961> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Antibacterial and antiviral effects of Ag, Cu and Zn metals, respective nanoparticles and filter materials thereof against coronavirus SARS-CoV-2 and influenza A virus

Kubo, Anna-Liisa; Rausalu, Kai; Savest, Natalja; Žusinaite, Eva; **Vasiliev, Grigory**; **Viirsalu, Mihkel**; **Plamus, Tiia**; **Krumme, Andres**; Merits, Andres; Bondarenko, Olesja *Pharmaceutics* 2022 / art. 2549 : 19 p. : ill <https://doi.org/10.3390/pharmaceutics14122549> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Antibacterial Properties of Submerged Cultivated Fomitopsis pinicola, Targeting Gram-Negative Pathogens, Including Borrelia burgdorferi

Bragina, Olga; **Kuhtinskaja, Maria**; Elisashvili, Vladimir; Asatiani, Mikheil; **Kulp, Maria** *Sci* 2025 / art. 104
<https://doi.org/10.3390/sci7030104>

Antibody response to oral biofilm is a biomarker for acute coronary syndrome in periodontal disease

Jaago, Mariliis; Pupina, Nadežda; **Rähni, Annika**; Pihlak, Arno; **Sadam, Helle**; Vrana, Nihal Engin; Sinisalo, Juha; Pussinen, Pirkko; **Palm, Kaia** *Communications biology* 2022 / art. 205, 10 p. : ill <https://doi.org/10.1038/s42003-022-03122-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

Antifungal activity of medicinal mushrooms and optimization of submerged culture conditions for Schizophyllum commune (Agaricomycetes)

Berikashvili, Violeta; Khardziani, Tamar; Kobakhidze, Aza; **Kulp, Maria**; **Kuhtinskaja, Maria**; **Lukk, Tiit**; Gargano, Maria; Venturella, Giuseppe; Kachlishvili, Eka; Metreveli, Eva; Elisashvili, Vladimir; Asatiani, Mikheil *International journal of medicinal mushrooms* 2023 / p. 1-21 <https://doi.org/10.1615/IntJMedMushrooms.2023049836> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Antifungal agents in agriculture : friends and foes of public health

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

Antimicrobial activity of commercial photocatalytic SaniTise™ Window glass

Kisand, Vambola; Visnapuu, Meeri; **Rosenberg, Merilin**; Danilian, Dmytro; Vlassov, Sergei; Kook, Mati; Lange, Sven; Pärna, Rainer; Ivask, Angela *Catalysts* 2022 / art. 197 <https://doi.org/10.3390/catal12020197> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Antimicrobial particles based on Cu₂ZnSnS₄ monograins

Žalneravicius, Rokas; Pakštas, Vidas; Grinciene, Giedre; Klimas, Vaclovas; Paškevičius, Algimantas; **Timmo, Kristi**; **Kauk-Kuusik, Marit**; Franckevicius, Marius; Niaura, Gediminas; Talaikis, Martynas; Jagminas, Arunas; Ramanavicius, Arunas *Colloids and Surfaces B: Biointerfaces* 2023 / art. 113275 <https://doi.org/10.1016/j.colsurfb.2023.113275> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Anti-money laundering powered by graph machine learning: 'Show me your friends and I will tell you who you are'

Astrova, Irina *Intelligent decision technologies* 2023 / p. 243-261 <https://doi.org/10.3233/IDT-220193> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Antimony- and Bismuth-Based Ionic Liquids as Efficient Adsorbents for the Removal of Dyes

Zafar, Anham; **Rafique, Nouman**; Batool, Saadia; Saleem, Muhammad; Alhodaib, Aiyeshah; Waseem, Amir *Catalysts* 2025 / art. 492 <https://doi.org/10.3390/catal15050492>

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

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

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

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

Antiviral efficacy of cerium oxide nanoparticles

Nefedova, Alexandra; Rausalu, Kai; Zusinaite, Eva; Vanetsev, Alexander; **Rosenberg, Merilin**; Koppel, Kairi; Lilla, Stevin; Visnapuu, Meeri; Smits, Krisjanis; Kisand, Vambola *Scientific reports* 2022 / art. 18746, 16 p. : ill <https://doi.org/10.1038/s41598-022-23465-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Any dynamical system is fully accessible through one single actuator and related problems

Kawano, Yu; **Kotta, Ülle**; Moog, Claude International journal of robust and nonlinear control 2016 / p. 1748-1754
<https://doi.org/10.1002/rnc.3379> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aortic augmentation index is dependent on bodyside in healthy young subjects

Einstein, Sandra; Pilt, Kristjan; Palmar, Merlin; Meigas, Kalju; Viigimaa, Margus High Blood Pressure & Cardiovascular Prevention 2019 / p. 375–382 : ill <https://doi.org/10.1007/s40292-019-00335-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

AP-1 transcription factors mediate BDNF-positive feedback loop in cortical neurons

Tuvikene, Jürgen; Pruunsild, Priit; Orav, Ester; Esvald, Eli-Eelika; Timmusk, Tõnis Journal of neuroscience 2016 / p. 1290-1305 : ill <https://doi.org/10.1523/JNEUROSCI.3360-15.2016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Apatites based catalysts : a tentative classification

Gruselle, Michel; **Tõnsuaadu, Kaia**; Gredin, Patrick; Len, Christophe Molecular catalysis 2022 / art. 112146
<https://doi.org/10.1016/j.mcat.2022.112146> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Apolipoprotein A-I infusions and cardiovascular outcomes in acute myocardial infarction according to baseline LDL-cholesterol levels: the AEGIS-II trial

Gibson, Charles Michael; Duffy, Danielle; Bahit, Maria Cecilia; Chi, Gerald; White, Harvey; Korjian, Serge; Alexander, John Hunter P.; Lincoff, A. Michael; Heise, Mark; Kingwell, Bronwyn A.; **Viigimaa, Margus** European Heart Journal 2024 / p. 5023 - 5038
<https://doi.org/10.1093/eurheartj/ehae614> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Apolipoprotein B, residual cardiovascular risk after acute coronary syndrome, and effects of alirocumab

Hagström, Emil; Steg, P. Gabriel; Szarek, Michael; Bhatt, Deepak L.; Bittner, Vera A.; Danchin, Nicolas; Diaz, Rafael; Goodman, Shaun G.; Harrington, Robert A.; Jukema, J. Wouter; Liberopoulos, Evangelos; Marx, Nikolaus; **Viigimaa, Margus** Circulation 2022 / p. 657 - 672 <https://doi.org/10.1161/CIRCULATIONAHA.121.057807> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

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>

Apolipoproteins C-I and C-III inhibit lipoprotein lipase activity by displacement of the enzyme from lipid droplets

Larsson, Mikael; Vörnsjö, Evelina; Talmund, Philippa; **Lõokene, Aivar**; Olivecrona, Gunilla Journal of biological chemistry 2013 / p. 33997-34008 : ill <https://doi.org/10.1074/jbc.M113.495366> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Appearance-based discrimination against young women in the workplace

Lämsä, Anna-Maija; **Ojasoo, Merle**; Jyrkinen, Marjut; Pucetaite, Raminta Qualitative research in organizations and management 2023 / p. 125-141 <https://doi.org/10.1108/QROM-02-2022-2292> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Applicability of a bioelectronic cardiac monitoring system for the detection of biological effects of pollution in bioindicator species in the Gulf of Finland

Kholodkevich, Sergei; Kuznetsova, Tatiana; Sharov, Andrey; Kurakin, Anton; **Lips, Urmas**; **Kolesova, Natalja**; Lehtonen, Kari K. Journal of marine systems 2017 / p. 151-158 : ill <https://doi.org/10.1016/j.jmarsys.2016.12.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Applicability of Copernicus marine service products for the eutrophication status assessment of the Baltic Sea

Samlas, Oliver; **Luik, Stella-Theresa**; Korabel, Vasily; She, Jun; **Lips, Urmas** Marine Pollution Bulletin 2025 / art. 117975
<https://doi.org/10.1016/j.marpolbul.2025.117975>

The applicability of limiting phase angle temperatures for specifying asphalt binder low temperature performance

Lill, Kristjan; **Kontson, Karli**; **Aavik, Andrus** Baltic journal of road and bridge engineering 2023 / p. 166-184

Applicability of SAR-based wave retrieval for wind-wave interaction analysis in the fetch-limited Baltic

Rikka, Sander; Uiboupin, Rivo; Alari, Victor International journal of remote sensing 2017 / p. 906-922 : ill

<https://doi.org/10.1080/01431161.2016.1271472> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The applicability of sulfoxide Michael acceptor - 2-(S)-[(4-methylphenyl)sulfinyl]-2-cyclopenten-1-one in constructing the carbon skeleton of 9,11-secoosterols

Rõuk, Kristi; Kõllo, Marek; Järving, Ivar; Lopp, Margus Proceedings of the Estonian Academy of Sciences 2024 / p. 223-227 : ill

<https://doi.org/10.3176/proc.2024.3.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Application issues of additive manufacturing in plaster mold casting of metals

Pohlak, Meelis; Sergejev, Fjodor; Tähemaa, Toivo; Saarna, Mart; Viljus, Mart; Hermaste, Aigar Proceedings of the Estonian Academy of Sciences 2025 / p. 181-185

<https://doi.org/10.3176/proc.2025.2.18>

Application of a DSC based vapor pressure method for examining the extent of ideality in associating binary mixtures with narrow boiling range oil cuts as a mixture component

Siitsman, Carmen; Oja, Vahur Thermochimica acta 2016 / p. 24-30 : ill

<https://doi.org/10.1016/j.tca.2016.05.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Application of a hydrodynamic model to long-term monitoring data : exploring transport pathways to identify the source of high toxicity populations of *Dinophysis fortii* in aquaculture sites in northern Japan

Miyazono, Akira; Kuribayashi, Takanori; Hada, Yasufumi; Asakura, Ken; Kobayashi, Kazuma; Mizuno, Katsuhiko; Lum, Wai Mun;

Sildever, Sirje; Kuroda, Hiroshi; Nagai, Satoshi Harmful Algae 2025 / art. 102976 <https://doi.org/10.1016/j.hal.2025.102976>

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

Zheng, Xiaosong; Chen, Jixuan; Wang, Linhui; Li, Pengyu Transformations in business & economics 2018 / p. 507-523

<http://www.transformations.knf.vu.lt/45c/article/appl> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Application of activated carbon derived from seed shells of *Jatropha curcas* for decontamination of zearalenone mycotoxin

Kalagatur, Naveen K.; Karthick, Kumavel; Allen, Joseph A.; Chandranayaka, Siddaiah; **Gupta, Vijai Kumar;** Ghosh, Oripambil

Sivaraman Nirmal; Krishna, Kadirvelu; Mudili, Venkataramana Frontiers in pharmacology 2017 / art. 760, 13 p. : ill

<https://doi.org/10.3389/fphar.2017.00760> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Application of active thermography for the study of losses in components produced by laser powder Bed fusion

Quercio, Michele; Poskovic, Emir; Franchini, Fausto; Fracchia, Elisa; Ferraris, Luca; Canova, Aldo; Tenconi, Alberto; **Tiismus, Hans;**

Kallaste, Ants Journal of magnetism and magnetic materials 2024 / art. 171796 <https://doi.org/10.1016/j.jmmm.2024.171796> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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/catal1101215> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Application of an advanced repetitive controller to mitigate harmonics in MMC with APOD scheme

Madichetty, Sreedhar; Dasgupta, Abhijit; **Mishra, Sambeet;** Panigrahi, Chinmoy Kumar; Basha, Ghouse IEEE transactions on power

electronics 2016 / p. 6112-6121 : ill <https://doi.org/10.1109/TPEL.2015.2501314> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Application of artificial intelligence and machine learning for BIM : review

Bassir, David; Lodge, Hugo; Chang, Haochen; **Majak, Jüri;** Chen, Gonfa International journal for simulation and multidisciplinary

design optimization 2023 / art. 5 <https://doi.org/10.1051/smdo/2023005> [Journal metrics at Scopus](#) [Article at Scopus](#)

Application of artificial neural networks to model the interaction between T-cells and B-cells and their equivalent impedance of the linearized model

Giannoukos, Georgios; Min, Mart Journal of computational methods in sciences and engineering 2015 / p. 295-302

<https://doi.org/10.3233/JCM-150544> [Journal metrics at Scopus](#) [Article at Scopus](#)

Application of continuous culture methods to recombinant protein production in microorganisms

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

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

Application of cycle skipping modulation in buck-boost photovoltaic microconverters

Maheri, Hamed Mashinchi; Vinnikov, Dmitri; Chub, Andrii; Sidorov, Vadim; Galkin, Ilja IEEE transactions on industry

applications 2022 / p. 4804-4815 <https://doi.org/10.1109/TIA.2022.3163083> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

[at WOS](#) [Article at WOS](#)

Application of different techniques for activation of H₂O₂/Fe³⁺ system : a comparative study

Bolobajev, Juri; Trapido, Marina; Dulova, Niina Journal of advanced oxidation technologies 2015 / p. 347-352 : ill <https://doi.org/10.1515/jaots-2015-0222> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Application of differential scanning calorimetry to study solvent swelling of kukersite oil shale macromolecular organic matter : a comparison with the fine-grained sample volumetric swelling method

Hruljova, Jelena; Järvik, Oliver; Oja, Vahur Energy & fuels 2014 / p. 840-847 : ill <https://doi.org/10.1021/ef401895u> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Application of DSC to study the promoting effect of a small amount of high donor number solvent on the solvent swelling of kerogen with non-covalent cross-links in non-polar solvents

Hruljova, Jelena; Oja, Vahur Fuel 2015 / p. 230-235 : ill <https://doi.org/10.1016/j.fuel.2015.01.054> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Application of equivalent single layer approach for ultimate strength analyses of ship hull girder

Putranto, Teguh; Kõrgesaar, Mihkel; Tabri, Kristjan Journal of marine science and engineering 2022 / art. 1530 <https://doi.org/10.3390/jmse10101530> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Application of machine learning for assessment of HS code correctness

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

Application of novel micro-grooved elements to small engine silencer

Auriemma, Fabio; Rämmal, Hans; Lavrentjev, Jüri SAE Technical Papers 2013 / [10] p.: ill <https://www.sae.org/publications/technical-papers/content/2013-32-9001/> <https://doi.org/10.4271/2013-32-9001> [Journal metrics at Scopus](#) [Article at Scopus](#)

Application of orthogonality-relation for the separation of Lamb modes at a plate edge : numerical and experimental predictions

Ratassepp, Madis; Klauson, Aleksander; Chati, Farid Ultrasonics 2015 / p. 90-95 : ill <https://doi.org/10.1016/j.ultras.2014.10.022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Application of power line communication technology in street lighting control

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

Application of shore sediments accumulated in navigation channel for restoration of sandy beaches around Pärnu City, SW Estonia, Baltic Sea

Tõnisson, Hannes; Männikus, Rain; Kont, Are; Palginõmm, Valdeko; Alari, Victor; Suuroja, Sten; Vaasma, Tiit; Vilumaa, Kadri Journal of marine science and engineering 2024 / art. 394 <https://doi.org/10.3390/jmse12030394> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Application of smart logistics technologies in the organization of multimodal cargo delivery

Orozonova, Azyk; Gapurbaeva, Shakhnos; Kydykov, Azizbek; Prokopenko, Olha; Prause, Gunnar Klaus; Lytyynenko, Sergiy Transportation Research Procedia 2022 / p. 1192-1198 : ill <https://doi.org/10.1016/j.trpro.2022.06.124> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Application of the concept of design space in method development for the determination of contaminants in soil

Jurjeva, Jelena; Koel, Mihkel Proceedings of the Estonian Academy of Sciences 2025 / p. 71-81 <https://doi.org/10.3176/proc.2025.1.07>

Application of the HIDRA2 deep-learning model for sea level forecasting along the Estonian coast of the Baltic Sea

Barzandeh, Amirhossein; Licer, Matjaz; Rus, Marko; Kristan, Matej; Maljutenko, Ilja; Elken, Juri; Lagemaa, Priidik; Uiboupin, Rivo Ocean Science 2025 / p. 1315-1327 <https://doi.org/10.5194/os-21-1315-2025>

Application of the integration model in the system of inclusive education

Järvis, Marina; Ivanenko, Liudmyla; Antonenko, Iryna; **Virovere, Anu** Journal of Curriculum and Teaching 2022 / p. 35-44
<https://doi.org/10.5430/jct.v11n1p35> Journal metrics at Scopus Article at Scopus

Application of the LSTM models for Baltic Sea wave spectra estimation

Simon, Martin; Rikka, Sander; Nõmm, Sven; Alari, Victor IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing 2023 / p. 83-88 : ill <https://doi.org/10.1109/JSTARS.2022.3220882> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Application of the matrix element method to Higgs boson pair production in the channel $HH \rightarrow b\bar{b}WW^*$ at the LHC

Ehataht, Karl; Veelken, Christian Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment 2022 / art. 166373, 14 p. : ill <https://doi.org/10.1016/j.nima.2022.166373>

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

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

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

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

Application of the wavelet transform for feature extraction in the analysis of hyperspectral laser-induced fluorescence data

Sobolev, Innokenti; Babichenko, Sergey International journal of remote sensing 2013 / p. 7218-7235 : ill <https://doi.org/10.1080/01431161.2013.817714> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

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

Application potential of combining strain hardening cementitious composites and helical reinforcement for 3D concrete printed structures : case study of a spiral staircase

Hass, Lauri; Nefs, K.; Bos, F. P.; Salet, T. A. M. Journal of building engineering 2023 / art. 107926
<https://doi.org/10.1016/j.jobbe.2023.107926> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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 digital twin across industries : a review

Singh, Maulshree; Srivastava, Rupali; Fuenmayor, Evert; **Kuts, Vladimir;** Qiao, Yuansong; Murray, Niall; Devine, Declan Applied sciences 2022 / art. 5727 <https://doi.org/10.3390/app12115727>

Applications of fungal cellulases in biofuel production : advances and limitations

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

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

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

Applying RIS-based communication for collaborative computing in a swarm of drones

Rahbari, Dadmehr; Alam, Muhammad Mahtab; Le Moullec, Yannick; Jenihhin, Maksim IEEE Access 2023 / p. 70093-70109
<https://doi.org/10.1109/ACCESS.2023.3293737> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Pihl, Olga; Tšepelevitš, Maria; Burko, Maria; Siirde, Andres Oil shale 2019 / p. 250-256 : ill
http://www.kirj.ee/public/oilshale_pdf/2019/issue_2S/OS-2019-2S-250-256.pdf <https://doi.org/10.3176/oil.2019.2S.13> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

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](#)

Approaches to strengthen the social cohesion between displaced and host communities

Jayakody, Chathurangane; Malalgoda, Chamindi; **Witt, Emlyn David Qivitoq** Sustainability 2022 / art. 3413 <https://doi.org/10.3390/su14063413> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The approximation of the Ukrainian social legislation to the EU acquis in times of war : the key challenges for reforms

Fedorova, Alla; **Hamulak, Ondrej** Eastern Journal of European Studies 2024 / p. 172–191 <https://doi.org/10.47743/ejes-2024-SI08> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aqueous bromide oxidized with pulsed corona discharge

Petrotsenko, Irina; Preis, Sergei Journal of electrostatics 2024 / art. 103978, 9 p. : ill <https://doi.org/10.1016/j.elstat.2024.103978> [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; Trikkell, 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](#)

Aqueous photocatalytic degradation of selected micropollutants by Pd-modified titanium dioxide in three photoreactor types

Klauson, Deniss; Šakarašvili, Marko; Pronina, Natalja; Kritševskaja, Marina; Kärber, Erki; Mikli, Valdek Environmental technology 2017 / p. 860-871 : ill <https://doi.org/10.1080/09593330.2016.1214185> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aqueous photocatalytic oxidation of doxycycline

Klauson, Deniss; Poljakova, Alissa; Pronina, Natalja; Kritševskaja, Marina; Moiseev, Anna; Dedova, Tatjana; Preis, Sergei Journal of advanced oxidation technologies 2013 / p. 234-243 <https://doi.org/10.1515/jaots-2013-0203> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aqueous photocatalytic oxidation of prednisolone

Klauson, Deniss; Piilnik-Sudareva, Jana; Pronina, Natalja; Budarnaja, Olga; Kritševskaja, Marina; Käkinen, Aleksandr; Juganson, Katre; Preis, Sergei Central European journal of chemistry 2013 / p. 1620-1633 : ill <https://doi.org/10.2478/s11532-013-0290-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Arabidopsis myosins XI1, XI2, and XIK are crucial for gravity-induced bending of inflorescence stems

Talts, Kristiina; Ilau, Birger; Ojangu, Eve-Ly; Tanner, Krista; Peremyslov, Valera V.; Dolja, Valerian V.; Truve, Erkki; Paves, Heiti Frontiers in plant science 2016 / art. 1932, p. 1-12 : ill <https://doi.org/10.3389/fpls.2016.01932> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Archaeal phosphates: a case study of transformation processes in apatite from the Barberton greenstone belt

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

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

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

Archival analysis of slash-and-burn agriculture in the Northern Ural Mountains at the End of the Nineteenth Century

Alenikov, Alexei; **Lisitsyna, Olga** Human ecology 2023 / p. 671-683 : ill <https://doi.org/10.1007/s10745-023-00435-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Are annual report graphs being used for making performance attributions?

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

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

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

Are other people's books difficult to read? The logic books in Lewis Carroll's private library

Moktefi, Amirouche Acta Baltica historiae et philosophiae scientiarum 2017 / p. 28-49 : ill http://www.ester.ee/record=b2941458*est
https://www.bahps.org/02_Moktefi-2017-1-02.pdf <https://doi.org/10.11590/abaps.2017.1.02> [Journal metrics at Scopus](#) [Article at Scopus](#)

Are small- and medium-sized enterprises more likely to innovate when facing informal competition? Evidence from Kazakhstan

Aguzzi, Tommaso; Ianoile-Calin, Rodica; **Durst, Susanne** International journal of sociology and social policy 2024 / p. 499-515
<https://doi.org/10.1108/IJSSP-11-2023-0303> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Are survey data underestimating the inequality of wealth?

Meriküll, Jaanika; **Rõõm, Tairi** Empirical economics 2022 / p. 339-374 <https://doi.org/10.1007/s00181-021-02030-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Are the most influential websites peer-produced or price-incentivized? Organizing value in the digital economy

Pazaitis, Alexandros; Kostakis, Vasileios Organization 2022 / p. 757-769 <https://doi.org/10.1177/13505084211020192> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Arhitektuurihariduse stalinistlikust korraldamisest Eestis 1944-1950

Hallas-Murula, Karin Kunstiteaduslikke uurimusi = Studies on art and architecture = Studien für Kunstwissenschaft 2017 / lk. 58-83
<http://ktu.kty.ee/index.php?id=page&est&cont=3> <https://www.proquest.com/docview/1985569894?sourcetype=Scholarly%20Journals> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Array programming with NumPy

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

The art of innovation : How arts-based initiatives can nurture innovation dynamic capabilities

Berthinier-Poncet, Anne; **Podmetina, Daria**; Robbins, Peter Technovation 2025 / art. 103337
<https://doi.org/10.1016/j.technovation.2025.103337>

Articulatory properties of Estonian palatalization by Russian L1 speakers

Malmi, Anton; **Lippus, Pärtel**; **Meister, Einar** Eesti ja soome-ugri keeleteaduse ajakiri = Journal of Estonian and Finno-Ugric linguistics 2022 / p. 79-118 : ill <https://doi.org/10.12697/jeful.2022.13.2.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Artificial intelligence and its impact on labour relations in Estonia

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

Artificial intelligence and the GDPR : Inevitable nemeses?

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

Artificial intelligence based data curation: enabling a patient-centric European health data space

de Zegher, Isabelle; **Norak, Kerli**; Steiger, Dominik; Müller, Heimo; Kalra, Dipak; Scheenstra, Bart; Cina, Isabella; Shulz, Stefan; Uma, Kanimozhi; Kalendralis, Petros; Lotmam, Eno-Martin; Benedikt, Martin; Dumontier, Michel; Celebi, Remzi Frontiers in Medicine 2024 / p. 1365501 <https://doi.org/10.3389/fmed.2024.1365501> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

Artificial intelligence for the public sector : results of landscaping the use of AI in government across the European Union

Noordt, Colin Pascal van; Misuraca, Gianluca Government Information Quarterly 2022 / art. 101714

<https://doi.org/10.1016/j.giq.2022.101714> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Artificial Intelligence in the hierarchical control of ac, dc and hybrid ac/dc microgrids : A review

Gutiérrez-Escalona, J.; Roncero-Clemente, C.; Husev, Oleksandr; Matiushkin, Oleksandr; Blaabjerg, Frede IEEE Access 2024 / p. 157227-157246

<https://doi.org/10.1109/ACCESS.2024.3486382> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An artificial intelligence maturity model for the public sector : a design science approach

Dreyling III, Richard Michael; Lemmik, Juhani; Tammet, Tanel; Pappel, Ingrid TalTech journal of European studies 2024 / p. 217-239

<https://doi.org/10.2478/bjes-2024-0023> https://www.ester.ee/record=b5290032*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Artificial intelligence, value alignment and rationality

Bekenova, Zhumagul; Mürsepp, Peeter; Nuryшева, Gulzhikhan; Turarbekova, Laura TalTech journal of European studies 2022 / p. 79-98

<https://doi.org/10.2478/bjes-2022-0004> https://www.ester.ee/record=b5290032*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics 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](#)

The asaphid trilobite fauna : its rise and fall in baltica

Pärnaste, Helje; Bergström, Jan Palaeogeography, Palaeoclimatology, Palaeoecology 2013 / p. 64 - 77

<https://doi.org/10.1016/j.palaeo.2013.06.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Loo, Lauri; Konist, Alar; Nešumajev, Dmitri; Pihu, Tõnu; Maaten, Birgit; Siirde, Andres Energies 2018 / art. 1218, 12 p. : ill

<https://doi.org/10.3390/en11051218> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ash characterisation formed under different oxy-fuel circulating fluidized bed conditions

Baqain, Mais Hanna Suleiman; Yörük, Can Rüstü; Nešumajev, Dmitri; Järvik, Oliver; Konist, Alar Fuel 2023 / art. 127244

<https://doi.org/10.1016/j.fuel.2022.127244> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ash melting behaviour of reed and woody fuels blends

Link, Siim; Yrjäs, Patrik; Lindberg, Daniel; Trikkel, Andres; Mikli, Valdek Fuel 2022 / art. 123051

<https://doi.org/10.1016/j.fuel.2021.123051> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ash melting behaviour of wheat straw blends with wood and reed

Link, Siim; Yrjäs, Patrik; Hupa, Leena Renewable Energy 2018 / p. 11-20 : ill

<https://doi.org/10.1016/j.renene.2017.09.050> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The Asian experience for Europe : new perspectives

Vernygora, Vlad Alex; Holland, Martin; Chaban, Natalia; Kerikmäe, Tanel Baltic journal of European studies 2019 / p. 3-5

<https://doi.org/10.1515/bjes-2019-0010> https://www.ester.ee/record=b2675037*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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

Kaldas, Kristiina; Niidu, Allan; Pregel, 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](#)

Assemblage of turbulent jet flows through static particulate media

Lauk, Peep; Rebassa, Josep Hueso; Kartušinski, Aleksander; Tisler, Sergei; Tähemaa, Toivo; Polonsky, Andrei Proceedings of the Estonian Academy of Sciences 2016 / p. 284-296 : ill

<https://doi.org/10.3176/proc.2016.3.05> https://artiklid.elnet.ee/record=b2798402*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 and denial : a contribution from logical notations

Pietarinen, Ahti-Veikko; Bellucci, Francesco Journal of applied logic 2017 / p. 1-22 : ill <https://doi.org/10.1016/j.jal.2017.01.001>
[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](#)

Assertive graphs

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

Assessing age-friendliness of contemporary urban outdoor places in Estonia

Nutt, Nele; Salmistu, Sirle; Kupper, Kristiina; Kotval, Zenia Quality in Ageing and Older Adults 2024 / p. 204-219
<https://doi.org/10.1108/QAOA-05-2024-0033> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Assessing engineering students' attitudes towards corporate social responsibility principles

Saari, Ulla A.; **Ojasoo, Merle; Venesaar, Urve;** Puhakka, Ilmari; Nokelainen, Petri; Mäkinen, Saku J. European journal of engineering education 2024 / p. 492-513 <https://doi.org/10.1080/03043797.2023.2299731> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assessing hemodynamics from the photoplethysmogram to gain insights into vascular age : a review from VascAgeNet

Charlton, Peter H.; Paliakaite, Birute; **Pilt, Kristjan;** Bachler, Martin; Zanelli, Serena; Kulin, Daniel; Allen, John; Hallab, Magid; Bianchini, Elisabetta; Mayer, Christopher C. American journal of physiology-heart and circulatory physiology 2022 / p. H493-H522
<https://doi.org/10.1152/ajpheart.00392.2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assessing opportunities and barriers to improving the secondary use of health care data at the national level : multicase study in the Kingdom of Saudi Arabia and Estonia

Metsallik, Janek; Draheim, Dirk; Sabic, Zlatan; Novak, Thomas; **Ross, Peeter** Journal of Medical Internet Research 2024 / art. e53369 <https://doi.org/10.2196/53369> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assessing technophobia and technophilia : development and validation of a questionnaire

Martinez-Corcoles, Mario; Teichmann, Mare; Murdvee, Mart Technology in society 2017 / p. 183-188 : tab
<https://doi.org/10.1016/j.techsoc.2017.09.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assessing the applicability of the European standard EN 17037:2018 for office spaces in a cold climate

Sepulveda Luque, Abel; De Luca, Francesco; Varjas, Toivo; Kurnitski, Jarek Building and environment 2022 / art. 109602
<https://doi.org/10.1016/j.buildenv.2022.109602> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assessing the biodegradation characteristics of poly(butylene succinate) and poly(lactic acid) formulations under controlled composting conditions

Lyshtva, Pavlo; Voronova, Viktoria; Kuusik, Argo; Kobets, Yaroslav AppliedChem 2025 / art. 17
<https://doi.org/10.3390/appliedchem5030017> <https://www.mdpi.com/2673-9623/5/3/17>

Assessing the eutrophication status of Estonian marine waters

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

Assessing the geochemical variability of oil shale in the Attarat Um Ghudran deposit, Jordan

Voolma, Margus; Soesoo, Alvar; Puura, Väino; **Hade, Sigrid;** Aosaar, Hardi Estonian journal of earth sciences 2016 / p. 61-74 : ill
<https://doi.org/10.3176/earth.2016.06> https://artiklid.elnet.ee/record=b2778896*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assessing the impact of market logic and long-term strategic plans of top management in share buyback decisions

Demirag, Istemihan Sefik; Kungwal, Thanamas; Bakkar, Yassine Managerial finance 2022 / p. 392-408
<https://doi.org/10.1108/MF-07-2021-0336> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

Assessing the performance of a hybrid max-weight traffic signal control algorithm in the presence of noisy queue information: An evaluation of the environmental impacts

Liaquat, Muwahida; Vosough, Shaghayegh; Roncoli, Claudio; Charalambous, Themistoklis IET Intelligent Transport Systems 2024 / p. 2255-2272 : ill <https://doi.org/10.1049/itr2.12571> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

Assessing the potential for sea-based macroalgae cultivation and its application for nutrient removal in the Baltic Sea

Kotta, Jonne; Raudsepp, Urmas; Szava-Kovats, Robert; Szava-Kovats, Robert; Aps, Robert; Armoskaite, Aurelija; Barda, Ieva; Bergström, Per; Futter, Martyn; **Maljutenko, Ilja** Science of the total environment 2022 / art. 156230 ; 14 p. : ill <https://doi.org/10.1016/j.scitotenv.2022.156230> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

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

Assessing the relevance of stakeholder analysis for national ecological network governance : the case of the Green Network in Estonia

Suškevics, Monika; **Tillemann, Kadri**; Külvik, Mart Journal for nature conservation 2013 / p. 206-213 : ill <https://doi.org/10.1016/j.jnc.2012.12.007> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

Assessing tissue hydration dynamics based on water/fat separated MRI

Karlsson, Markus; Indurain, Ainhoa; Romu, Thobias; Tunon, Patrik; Segelmark, Marten; **Uhlen, Nils Fredrik Arne**; Fernström, Anders; Dahlqvist Leinhard, Olof Journal of magnetic resonance imaging 2023 / p. 652-660 <https://doi.org/10.1002/jmri.28581> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

Assessing uncertainty in the optimal placement of distributed generators in radial distribution feeders

Gautam, Rupesh; Khadka, Srijan; Malla, Tanus Bikram; **Bhattarai, Abhinav**; Shrestha, Ashish; Gonzalez-Longatt, Francisco Electric power systems research 2024 / art. 110249, 13 p. : ill <https://doi.org/10.1016/j.epsr.2024.110249> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

An assessment framework for evaluating the digitalisation potential of stormwater management and monitoring in small- and medium-sized water utilities

Suits, Kristjan; Annus, Ivar; Kändler, Nils; Kaur, Katrin; Kõiv, Kerta; Arm, Liisi; Barndöck, Helen Urban Water Journal 2025 <https://doi.org/10.1080/1573062X.2025.2511810>

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

Kumar, Rahul, 1993-; **Antonov, Maksim**; Beste, U.; **Goljandin, Dmitri** International journal of refractory metals and hard materials 2020 / art. 105126, 9 p. : ill <https://doi.org/10.1016/j.ijrmhm.2019.105126> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

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

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

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

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

Assessment of bioavailable B vitamin content in food using in vitro digestibility assay and LC-MS SIDA

Paalme, Toomas; **Vilbaste, Allan**; Kewai, Kaspar; **Nisamedtinov, Ildar**; Hälvin, Kristel Analytical and bioanalytical chemistry 2017 / p. 6475-6484 : tab <https://doi.org/10.1007/s00216-017-0592-3> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

Assessment of blood contamination in biological fluids using MALDI-TOF MS

Laks, Katrina; **Kirsipuu, Tiina**; **Dmitrijeva, Tuuli**; **Salumets, Andres**; **Palumaa, Peep** The protein journal 2016 / 171-176 <https://doi.org/10.1007/s10930-016-9657-y> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

Assessment of corona loss performance on aging transmission lines using PMU measurements

Gupta, Pradeep Kumar; **Tuttelberg, Kaur**; **Kilter, Jako** Energy reports 2023 / p. 215-219 <https://doi.org/10.1016/j.egyr.2023.09.160> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

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

Stoicescu, Stella-Theresa; **Lips, Urmas**; **Liblik, Taavi** Frontiers in marine science 2019 / art. 54, 16 p. : ill

Assessment of fire-retardant treatments and their impact on the fire performance and bonding properties of aspen and silver birch veneers

Alao, Percy Festus; Olusoji, Adekunle; **Kallakas, Heikko; Just, Alar; Kers, Jaan** European journal of wood and wood products 2025 / art. 66 <https://doi.org/10.1007/s00107-025-02223-1>

Assessment of indoor air in Estonian straw bale and reed houses

Raamets, Jane; Kutti, Sander; Ruus, Aime; Ivask, Mari Air Pollution XXV 2017 / p. 193-196 : tab <https://doi.org/10.2495/AIR170191> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Assessment of landfill wastewater pollutants and efficiency of different treatment methods

Kuusik, Aare; Pachel, Karin; Kuusik, Argo; Loigu, Enn Proceedings of the Estonian Academy of Sciences 2016 / p. 452-471 : ill <https://doi.org/10.3176/proc.2016.4.10> https://artiklid.elnet.ee/record=b2808652*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assessment of marine geoid models by ship-borne GNSS profiles

Varbla, Sander; Ellmann, Artu; Märdla, Silja; Gruno, Anti Geodesy and cartography 2017 / p. 41-49 : ill <https://doi.org/10.3846/20296991.2017.1330771> [Journal metrics at Scopus](#) [Article at Scopus](#)

Assessment of objective symptoms of depression in occupational health examination

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

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

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

Assessment of power system asset dispatch under different local energy community business models

Korõtko, Tarmo; Plaum, Freddy; Häring, Tobias; Mutule, Anna; Lazdins, Roberts; Boršcevisks, Olegs; **Rosin, Argo;** Carroll, Paula Energies 2023 / art. 3476 <https://doi.org/10.3390/en16083476> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The assessment of soil quality in contrasting land-use and tillage systems on farm fields with stagnic luvisol soil in Estonia

Sutri, Merit; Shanskiy, Merrit; **Ivask, Mari; Reintam, Endla** Agriculture 2022 / art. 2149 <https://doi.org/10.3390/agriculture12122149> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assessment of soluble skin surface protein levels for monitoring psoriasis vulgaris in adult psoriasis patients using non-invasive transdermal analysis patch: A pilot study

Orro, Kadri; Salk, Kristiina; Abram, Kristi; Arshavskaja, Jelena; Meikas, Anne; Karelson, Maire; Neuman, Toomas; Kingo, Külli; Spee, Pieter Frontiers in medicine 2023 / art. 1072160, 8 p. : ill <https://doi.org/10.3389/fmed.2023.1072160> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assessment of spoilage microbial communities in modified atmosphere-packed ready-to-eat salad during cold storage : A comparative study using MALDI-TOF MS identification and PacBio full-length 16S rRNA and ITS sequencing

Asadi, Atefeh; Angerjas, Anna; Paalme, Viie; Huseynli, Lachinkhanim; Sarand, Inga International Journal of Food Microbiology 2025 / art. 111268 <https://doi.org/10.1016/j.ijfoodmicro.2025.111268>

Assessment of the applicability of the Pay As You Throw system into current waste management in Estonia

Voronova, Viktoria; Piirimäe, Kristjan; Virve, Mailis Management of environmental quality : an international journal 2013 / p. 667-681 : ill <https://doi.org/10.1108/MEQ-09-2012-0061> [Journal metrics at Scopus](#) [Article at Scopus](#)

Assessment of the development limitations for wave energy utilization in the Baltic Sea

Vidjajev, Nikon; Palu, Riina; Terentjev, Jan; Hilmola, Olli-Pekka Kristian; Alari, Victor Sustainability 2022 / art. 2832 <https://doi.org/10.3390/su14052832> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

Assessment of the precision of data collected about the traffic accidents with property damage only in claim handling process by insurance companies

Ermits, Erik; Antov, Dago; Kott, Anton Transport 2014 / p. 160-166 : ill <https://doi.org/10.3846/16484142.2014.914571> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assessment of the reliability of hardfacings for soil rippers

Jankauskas, Vytenis; Katinas, Egidijus; Varnauskas, Valentinas; Katinas, A.; **Antonov, Maksim** Journal of friction and wear 2015 / p. 89-95 : ill <https://doi.org/10.3103/S106836661501016X> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assessment of the renovation need, material authenticity, and the cultural and environmental value of historic apartment building neighbourhoods

Liiva, Elina; Rummo, Helena; Ambrozavits, Kateriin; Ojari, Andres; **Lomp, Siim; Kalamees, Targo** Journal of sustainable architecture and civil engineering 2024 / p. 53-67 <https://doi.org/10.5755/j01.sace.35.2.35747> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

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

Assessment of tribological performance of 3D printed macro features on the metallic surface

Antonov, Maksim; Pohlak, Meelis; Ivanov, Roman; Kariminejad, Arash; Hussainova, Irina Wear 2026 / art. 206398 <https://doi.org/10.1016/j.wear.2025.206398>

Assessment on strength and stiffness properties of aged structural timber

Kauniste, Maarja; Just, Alar; Tuhkanen, Eero; Kalamees, Targo Journal of sustainable architecture and civil engineering 2024 / p. 62-74 <https://doi.org/10.5755/j01.sace.34.1.35534> [Journal metrics at Scopus](#) [Article at Scopus](#)

Assignment of a synthetic population for activity-based modeling employing publicly available data

Agriesti, Serio Angelo Maria; Roncoli, Claudio; Nahmias-Biran, Bat-Hen ISPRS International Journal of Geo-Information 2022 / Art. 148 <https://doi.org/10.3390/ijgi11020148> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Association between chemical mixtures and female fertility in women undergoing assisted reproduction in Sweden and Estonia

Bellavia, Andrea; Zou, Runyu; Bjorvang, Richelle D.; **Roos, Kristine**; Sjunnesson, Ylva; Hallberg, Ida; Vermeulen, Roel; Salumets, Andres; **Velthut-Meikas, Agne**; Damdimopoulou, Paulina Environmental research 2023 / art. 114447, 14 p. : ill <https://doi.org/10.1016/j.envres.2022.114447> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Association of amyloid- β CSF/PET discordance and tau load 5 years later

Reimand, Juhan; Collij, Lyduine E.; Scheltens, Philip Neurology 2020 / p. e2648-e2657 : ill <https://doi.org/10.1212/WNL.0000000000010739> <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7963352/> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Association of BMI, lipid-lowering medication, and age with prevalence of type 2 diabetes in adults with heterozygous familial hypercholesterolaemia: a worldwide cross-sectional study

Elshorbagy, Amany; Lyons, Alexander R.M.; Vallejo-Vaz, Antonio J.; Stevens, Christophe A.T.; Dharmayat, Kanika Inamdar; Brandts, Julia; Catapano, Alberico L.; Freiburger, Tomas; Hovingh, Gerard Kees Cornelis; **Viigimaa, Margus** The Lancet Diabetes and Endocrinology 2024 / p. 811-823 [https://doi.org/10.1016/S2213-8587\(24\)00221-3](https://doi.org/10.1016/S2213-8587(24)00221-3) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Association of Longitudinal High-Sensitivity Troponin T with mortality in patients with chronic kidney disease

Chesnaye, Nicholas C.; Al-Sodany, Ehab; Szummer, Karolina; Barany, Peter; Heimbürger, Olof; Almquist, Tora; **Melander, Stefan; Uhlin, Nils Fredrik Arne**; Dekker, Friedo; Wanner, Christoph; Jager, Kitty J.; Evans, Marie Journal of the American College of Cardiology 2022 / p. 327-336 : ill <https://doi.org/10.1016/j.jacc.2021.11.023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Association of the cystatin C/creatinine ratio with the renally cleared hormones parathyroid hormone (PTH) and brain natriuretic peptide (BNP) in primary care patients : a cross-sectional study

Risch, Martin; Risch, Lorenz; **Purde, Mette**; Renz, Harald; Ambühl, Patrice; Szucs, Thomas; Tomonaga, Yuki Scandinavian Journal of

Clinical and Laboratory Investigation 2016 / p. 379 - 385 <https://doi.org/10.1080/00365513.2016.1183262> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assumptions to road pavement testing by non-destructive means

Janulevičius, Justinas; Čygas, Donatas; Giniotis, Vytautas; **Aavik, Andrus** The Baltic journal of road and bridge engineering 2013 / p. 227-231 : ill <https://doi.org/10.3846/bjrbe.2013.29> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Asymmetric aminocatalytic Michael addition of cyclopropane-containing aldehydes to nitroalkenes

Reitel, Kärt; Lippur, Kristin; Järving, Ivar; Kudrjašova, Marina; Lopp, Margus; Kanger, Tõnis Synthesis 2013 / p. 2679-2683 : ill <https://doi.org/10.1055/s-0033-1338704> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric attention and volatility asymmetry

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

Asymmetric 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 cyclopropanation via an electro-organocatalytic cascade

Krech, Anastasiya; Laktsevich-Iskryk, Marharyta; Deil, Nora; Fokin, Mihhail; Kimm, Mariliis; Ošeka, Maksim Chemical communications 2024 / 14026-14029 <https://doi.org/10.1039/D4CC05092D> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric diastereoselective synthesis of spirocyclopropane derivatives of oxindole

Ošeka, Maksim; Noole, Artur; Žari, Sergei; Öeren, Mario; Järving, Ivar; Lopp, Margus; Kanger, Tõnis European journal of organic chemistry 2014 / p. 3599-3606 : ill <https://doi.org/10.1002/ejoc.201402061> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric exchange rate exposure of stock returns : empirical evidence from Chinese industries

Cuestas, Juan Carlos; Tang, Bo Studies in nonlinear dynamics & econometrics 2017 / art. 20160042, p. 1-21 : ill <https://doi.org/10.1515/snde-2016-0042> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Asymmetric NDI electron transporting SAM materials for application in photovoltaic devices

Svirskaitė, Lauryna Monika; **Mandati, Sreekanth; Spalatu, Nicolae**; Malinauskienė, Vida; Karazhanov, Smagul; Getautis, Vytautas; Malinauskas, Tadas Synthetic metals 2022 / art. 117214 <https://doi.org/10.1016/j.synthmet.2022.117214> [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; 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 aza-Michael reactions of isatin derivatives

Žari, Sergei; Metsala, Andrus; Kudrjašova, Marina; Kaabel, Sandra; Järving, Ivar; Kanger, Tõnis Synthesis 2015 / p. 875-886 : ill <https://doi.org/10.1055/s-0034-1379956> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric organocatalytic cascade synthesis of tetrahydrofuranyl spirooxindoles

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

Asymmetric organocatalytic Michael addition of cyclopentane-1,2-dione to alkylidene oxindole

Silm, Estelle; Järving, Ivar; Kanger, Tõnis Beilstein Journal of Organic Chemistry 2022 / p. 167-173 <https://doi.org/10.3762/bjoc.18.18> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Asymmetric organocatalytic Michael Addition-cyclization cascade of cyclopentane-1,2-dione with substituted α,β -unsaturated aldehydes

Preegel, Gert; Silm, Estelle; Kaabel, Sandra; Järving, Ivar; Rissanen, Kari; Lopp, Margus Synthesis 2017 / p. 3118-3125 : ill <https://doi.org/10.1055/s-0036-1588787> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric organocatalytic synthesis of spiro-cyclopropaneoindoles

Noole, Artur; Malkov, Andrei; Kanger, Tõnis Synthesis 2013 / p. 2520-2524 : ill <https://doi.org/10.1055/s-0033-1338505> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric organocatalytic Wittig [2,3]-rearrangement of oxindoles

Ošek, Maksim; Kimm, Mariliis; Kaabel, Sandra; Järving, Ivar; Rissanen, Kari; Kanger, Tõnis Organic letters 2016 / p. 1358-1361 : ill <https://doi.org/10.1021/acs.orglett.6b00291> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric synthesis of 2,3,4-trisubstituted piperidines

Kriis, Kadri; Melnik, Triin; Lips, Kristiina; Juhanson, Ilona; Kaabel, Sandra; Järving, Ivar; Kanger, Tõnis Synthesis 2017 / p. 604-614 : ill <https://doi.org/10.1055/s-0036-1588299> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric synthesis of congested spiro-cyclopentanoindoles via an organocatalytic cascade reaction

Noole, Artur; Ilmarinen, Kaja; Järving, Ivar; Lopp, Margus; Kanger, Tõnis Journal of organic chemistry 2013 / p. 8117-8122 : ill <https://doi.org/10.1021/jo4008223> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric synthesis of tertiary 2-substituted 5-oxotetrahydrofuran-2-carboxylic acids

Paju, Anne; Oja, Karolin; Matkevits, Katharina; Lumi, Priit; Järving, Ivar; Pehk, Tõnis; Lopp, Margus Heterocycles 2014 / p. 981-995 : ill [https://doi.org/10.3987/COM-13-S\(S\)28](https://doi.org/10.3987/COM-13-S(S)28) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric synthesis of the 2,2,3-trisubstituted cyclopentanone, D-ring fragment of 9,11-secoosterols

Kõllo, Marek; Aav, Riina; Tamp, Sven; Jarvet, Jüri; Lopp, Margus Tetrahedron 2014 / p. 6723-6727 : ill <https://doi.org/10.1016/j.tet.2014.07.079> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Aza-Michael reactions of isatin imines : deeper insight and origin of the stereoselectivity

Metsala, Andrus; Žari, Sergei; Kanger, Tõnis ChemCatChem 2016 / p. 2961-2967 : ill <https://doi.org/10.1002/cctc.201600584> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

At the crossroads of product complexity, market demand, and machine learning

Kalvet, Tarmo; Tiits, Marek; Ounoughi, Chahinez; Ben Sassi, Imen; Ben Yahia, Sadok Management & marketing 2024

At the Dawn of a New Era of Sanctions: Russian-Ukrainian Crisis and Sanctions

Veebel, Viljar; Markus, Raul Orbis 2016 / p. 128 - 139 <https://doi.org/10.1016/j.orbis.2015.12.001> [Journal metrics at Scopus](#) [Article at Scopus](#)

At the turning point of the current techno-economic paradigm : commons-based peer production, desktop manufacturing and the role of civil society in the Perezian framework

Kostakis, Vasileios TripleC 2013 / p. 173-190 <https://doi.org/10.31269/triplec.v11i1.463> [Journal metrics at Scopus](#) [Article at Scopus](#)

Atmospheric forcing controlling inter-annual nutrient dynamics in the open Gulf of Finland

Lehtoranta, Jouni; Savchuk, Oleg P.; Elken, Jüri Journal of marine systems 2017 / p. 4-20 : ill <https://doi.org/10.1016/j.jmarsys.2017.02.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Atomic layer deposition of alumina on g-Al₂O₃ nanofibres

Jõgiaas, Taivo; Arroval, Tõnis; Kollo, Lauri; Hussainova, Irina Physica status solidi (a) : applications and materials science 2014 / p. 403-408 : ill <https://doi.org/10.1002/pssa.201330083> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Atomic layer deposition of high-k dielectrics on carbon nanoparticles

Tamm, Aile; Koel, Mihkel; Peikolainen, Anna-Liisa Thin solid films 2013 / p. 16-20 : ill <https://doi.org/10.1016/j.tsf.2012.09.071> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Atomic layer deposition of titanium oxide films on As-synthesized magnetic Ni particles: magnetic and safety properties

Uudeküll, Peep; Kozlova, Jekaterina; Mändar, Hugo; Link, Joosep; Sihtmäe, Mariliis; **Käosaar, Sandra**; Blinova, Irina; Kasemets, Kaja; Kahru, Anne; Stern, Raivo Journal of magnetism and magnetic materials 2017 / p. 299-304 : ill
<https://doi.org/10.1016/j.jmmm.2017.01.045> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Atomic structure and dynamics of unusual and wide-gap phase-change chalcogenides : a GeTe₂ case

Usuki, Takeshi; Benmore, Chris J.; Tverjanovich, Andrey; **Bereznev, Sergei**; Khomenko, Maxim; Sokolov, Anton; Fontanari, Daniele; Ohara, Koji; Bokova, Maria; Kassem, Mohammad; Bychkov, Eugene Physica status solidi - rapid research letters 2024 / art. 2300482
<https://doi.org/10.1002/pssr.202300482> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Atomic structure, dynamics, changes in chemical bonding and semiconductor-metal transition in Sb₂Se₃ : A remarkable material for quantum networks and energy applications

Kassem, Mohammad; Benmore, Chris J.; Tverjanovich, Andrey; Bokova, Maria; Khomenko, Maxim; Usuki, Takeshi; Sokolov, Anton; Fontanari, Daniele; **Bereznev, Sergei**; Ohara, Koji ACS applied materials & interfaces 2025 / p. 17075-17095
<https://doi.org/10.1021/acsami.5c00008>

ATP7A-dependent copper sequestration contributes to termination of β -CATENIN signaling during early adipogenesis

Yang, Haojun; **Kabin, Ekaterina**; Dong, Yixuan; Zhang, X.; Ralle, Martina; Lutsenko, Svetlana Molecular metabolism 2024 / art. 101872, 12 p. : ill <https://doi.org/10.1016/j.molmet.2024.101872> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Attitude towards using Fintech services : digital immigrants versus digital natives

Koroleva, Ekaterina International Journal of Innovation and Technology Management 2022 / art. 2250029
<https://doi.org/10.1142/S0219877022500298>

Attribute evaluation on attack trees with incomplete information

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

Attribution of alterations in coastal processes in the southern and eastern Baltic Sea to climate change-driven modifications of coastal drivers

Eelsalu, Maris; **Soomere, Tarmo**; **Parnell, Kevin Ellis**; Viška, Maija Oceanologia 2025 / art. 67103 <https://doi.org/10.5697/LXTZ5389>

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](#)

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

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

Audiovisual emotion recognition in wild

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

Augmented reality based on Apollo lunar imagery : searching for stars and adding virtual objects

Pustõnski, Vladislav-Veniamin Presence : virtual and augmented reality 2022 / p. 203-227 https://doi.org/10.1162/pres_a_00393 [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Austerity and budget execution : control versus flexibility

Raudla, Ringa; **Douglas, James W.** Journal of public budgeting accounting & financial management 2022 / p. 292-309
<https://doi.org/10.1108/JPAFM-01-2021-0018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Austerity and the use of performance information in the budget process

Raudla, Ringa; **Bur, Sebastian** Public money and management 2023 / p. 627-634 <https://doi.org/10.1080/09540962.2021.2020976> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Austerity in the Baltic states during the global financial crisis

Staehr, Karsten Intereconomics 2013 / p. 293-302 <https://doi.org/10.1007/s10272-013-0472-9> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

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

Automated decision-making in the EU member state's public administration : the compliance of automated decisions of the Estonian unemployment insurance fund with Estonian administrative procedure law

Zolkin, Vladlen; Chochia, Archil; Hoffmann, Thomas European Studies : The Review of European Law, Economics and Politics 2023 / p. 178-202 <https://doi.org/10.2478/eustu-2023-0017> [Journal metrics at Scopus](#) [Article at Scopus](#)

Automated design error debug using high-level decision diagrams and mutation operators

Raik, Jaan; Repinski, Urmaz; Tšepurov, Anton; Hantson, Hanno; Ubar, Raimund-Johannes; Jenihhin, Maksim

Microprocessors and microsystems 2013 / p. 505-513 : ill <https://doi.org/10.1016/j.micpro.2012.11.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Automated design error localization in RTL designs

Jenihhin, Maksim; Tšepurov, Anton; Tihhomirov, Valentin; Raik, Jaan; Hantson, Hanno; Ubar, Raimund-Johannes;

Bartsch, Günter; Meza Escobar, Jorge Hernan; Wuttke, Heinz-Dietrich IEEE design & test of computers 2014 / p. 83-92 : ill <https://doi.org/10.1109/MDAT.2013.2271420> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Automated environmental compliance monitoring of rivers with IoT and open government data

Miasayedava, Lizaveta; McBride, Keegan David Braun; Tuhtan, Jeffrey Andrew Journal of environmental management 2022 / art.

114283, 10 p. : ill <https://doi.org/10.1016/j.jenvman.2021.114283> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Automated fault diagnosis for an autonomous underwater vehicle

Dearden, Richard; **Ernits, Juhan-Peep** IEEE journal of oceanic engineering 2013 / p. 484-499 : ill

<https://doi.org/10.1109/JOE.2012.2227540> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Automated identification of application-dependent safe faults in automotive systems-on-a-chips

Bagbaba, Ahmet Cagri; Augusto da Silva, Felipe; Sonza Reorda, Matteo; Hamdioui, Said; **Jenihhin, Maksim;** Sauer, Christian

Electronics 2022 / art. 319 <https://doi.org/10.3390/electronics11030319> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An automated method for mining high-quality assertion sets

Heidari Iman, Mohammad Reza; Raik, Jaan; Jenihhin, Maksim; Jervan, Gert; Ghasempouri, Tara Microprocessors and

microsystems 2023 / art. 104773 <https://doi.org/10.1016/j.micpro.2023.104773> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Automatic calibration module for an urban drainage system model

Annus, 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 calibration toolbox for SWMM5

Vassiljev, Anatoli; Suits, Kristjan; Kaur, Katrin; Kändler, Nils; Truu, Murel; Annus, Ivar Advances in engineering software 2023

/ art. 103528 <https://doi.org/10.1016/j.advengsoft.2023.103528> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Gupta, Anindya; Saar, Tõnis; **Märtens, Olev; Le Moullec, Yannick** Medical physics 2018 / p. 1135-1149 : ill

<https://doi.org/10.1002/mp.12746> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Automatic generation control of a future multisource power system considering high renewables penetration and electric vehicles: Egyptian Power System in 2035

Nour, Morsy; Magdy, Gaber; Chaves-Avila, Jose Pablo; Sanchez-Miralles, Alvaro; **Petlenkov, Eduard** IEEE Access 2022 / p.

51662-51681 : ill <https://doi.org/10.1109/ACCESS.2022.3174080> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Automatic spot preparation and image processing of paper microzone-based assays for analysis of bioactive compounds in plant extracts

Vaher, Merike; Borissova, Maria; Seiman, Andrus; **Aid, Tiina; Kolde, Helen; Kazarjan, Jana; Kaljurand, Mihkel** Food chemistry

2014 / p. 465-471 : ill <https://doi.org/10.1016/j.foodchem.2013.08.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Orosz, Tamas; Gadó, Krisztián; Katona, Mihály; **Rassõlkin, 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 public administration : citizens' attitudes towards automated decision-making across Estonia, Sweden, and Germany

Kaun, Anne; Larsson, Anders Olof; **Masso, Anu** Information, communication & society 2024 / p. 314-332
<https://doi.org/10.1080/1369118X.2023.2205493> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Automation scenarios : citizen attitudes towards automated decision-making in the public sector

Kaun, Anne; Larsson, Anders Olof; **Masso, Anu** Information, Communication and Society 2024 / 18 p
<https://doi.org/10.1080/1369118X.2024.2375261>

Automation within a Novel Platform for the European Small Claims Procedure

Veersalu, Karine; **Hoffmann, Thomas** TalTech journal of European studies 2023 / p. 152-176 <https://doi.org/10.2478/bjes-2023-0019>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Autonomous mobile robots for production logistics: a process optimization model modification

Raamets, Tõnis; Majak, Jüri; Karjust, Kristo; Mahmood, Kashif; Hermaste, Aigar Proceedings of the Estonian Academy of Sciences 2024 / p. 134-141 : ill <https://doi.org/10.3176/proc.2024.2.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Autonomous vehicle safety evaluation through a high-fidelity simulation approach

Malayjerdi, Mohsen; Baykara, Baris Cem; Sell, Raivo; Malayjerdi, 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 wireless sensor networks : implementation of transient computing and energy prediction for improved node performance and link quality

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

Autosampler for portable capillary electrophoresis

Ružicka, Martin; Kaljurand, Mihkel; Gorbatošova, Jelena; Mazina-Šinkar, Jekaterina Journal of chromatography A 2022 / art. 463619 <https://doi.org/10.1016/j.chroma.2022.463619> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Autothermal Siberian pine nutshell pyrolysis maintained by exothermic reactions

Astafev, Alexander; Shantenkov, Ivan; Ibraeva, Kanipa; Tabakaev, Roman; **Preis, Sergei** Energies 2022 / art. 7118
<https://doi.org/10.3390/en15197118> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Avatars' phygital social presence in the metaverse: An engaged theory perspective

Sprott, David E.; **Hollebeek, Linda Desiree;** Sigurdsson, Valdimar; Clark, Moira K.; Urbonavicius, Sigitas Psychology and Marketing 2025 / p. 1528-1540 <https://doi.org/10.1002/mar.22191>

Avoiding amino acid depletion in a complex medium results in improved Escherichia coli BW25113 growth

Maser, Andres; Peebo, Karl; Nahku, Ranno Microbiology 2019 / p. 37-46 : ill <https://doi.org/10.1099/mic.0.000742> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Avoiding mould growth in an interiorly insulated log wall

Alev, Üllar; Kalamees, Targo Building and environment 2016 / p. 104-115 : ill <https://doi.org/10.1016/j.buildenv.2016.05.020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

BAC-based cellular model for screening regulators of BDNF gene transcription

Jaanson, Kaur; Sepp, Mari; Aid-Pavlidis, Tamara; Timmusk, Tõnis BMC neuroscience 2014 / p. 1-12 : ill
<https://doi.org/10.1186/1471-2202-15-75> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Back-calculation of elastic moduli of a ply from the moduli of cross-ply laminates

Lasn, Kaspar; Klauson, Aleksander; Echtermeyer, Andreas T. Mechanics of composite materials 2015 / p. 55-68 : ill
<https://doi.org/10.1007/s11029-015-9476-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Backstepping-based output feedback boundary control for coupled fractional reaction-diffusion systems

Zhuang, Bo; Cui, Bao-Tong; Lou, Xu-Yang; **Chen, Juan** Zidonghua Xuebao/Acta Automatica Sinica 2022 / p. 2729 - 2743
<https://doi.org/10.16383/j.aas.c190389> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

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

Bacterial communities in ballast tanks of cargo vessels - Shaped by salinity, treatment and the point of origin of the water

but “hatch” its typical microbiome

Laas, Peeter; Künnis-Beres, Kai; Talas, Liisi; Tammert, Helen; **Kuprijanov, Ivan;** Herlemann, Daniel Philipp Ralf; Kisand, Veljo Journal of environmental management 2022 / art. 116403, 10 p. : ill <https://doi.org/10.1016/j.jenvman.2022.116403> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bacterial polysaccharide levan as stabilizing, non-toxic and functional coating material for microelement-nanoparticles
Bondarenko, Olesja; Ivask, Angela; Kahru, Anne; **Titma, Tiina; Pudova, Ksenia; Adamberg, Signe** Carbohydrate polymers 2015 / p. 710-720 : ill <https://doi.org/10.1016/j.carbpol.2015.09.093> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Balancing Monopolisation and Innovation in the Esports Industry : Searching for Aurea Mediocritas Between Public and Private Interests in Intellectual Property Rights
Vardanyan, Lusine; Kocharyan, Hovsep; **Hamulak, Ondrej;** Gabriš, Tomaš; Martinez-Ramil, Pablo Law Innovation and Technology 2026

Balancing participatory planning and planning for resilience in nature-based solutions. A case of transformative agency?
Plüschke-Altof, Bianca; Loewen, Bradley; **Müüripeal, Anni; Sooväli-Sepping, Helen** Geografiska annaler, Series B: Human geography 2024 / p. 422-440 : ill <https://doi.org/10.1080/04353684.2023.2258931>
<https://www.tandfonline.com/doi/pdf/10.1080/04353684.2023.2258931?> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Balmorel open source energy system model

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

The Baltic Republics and the crisis of 2008-2011

Kattel, Rainer; Raudla, Ringa Europe-Asia studies 2013 / p. 426-449 : ill [https://www.jstor.org/stable/23438630?](https://www.jstor.org/stable/23438630?seq=1#metadata_info_tab_contents)
<https://doi.org/10.1080/09668136.2013.779456> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The Baltic Republics and the first symptoms of the USSR's dissolution

Ramiro Troitino, David Pasado y Memoria 2025 / p. 17-34 <https://doi.org/10.14198/pasado.28896>
<https://rua.ua.es/server/api/core/bitstreams/c65ff274-f79d-4d38-bd8e-ab4624d948ca/content>

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

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

Baltic Sea water tritium and stable isotopes in 2016-2017

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

Band gap engineering by cationic substitution in Sn(Zr1-xTix)Se3 alloy for bottom sub-cell application in solar cells

Kondrotas, Rokas; Pakstas, Vidas; Franckevicius, Marius; Suchodolskis, Arturas; Tumenas, Saulius; Jasinskas, Vidmantas; Juskenas, Remigijus; Krotkus, Arunas; **Muska, Katri; Kauk-Kuusik, Marit** Journal of materials chemistry A 2023 / p. 26488-26498 : ill <https://doi.org/10.1039/D3TA05550G> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The band structure of CuInTe2 studied by optical reflectivity

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

Bandgap dynamics in locally resonant metastructures : a general theory of internal resonator coupling

Alimohammadi, Hossein; Vassiljeva, Kristina; Hosseinia Kani, Seyed Hassan; **Petlenkov, Eduard** Applied Sciences (Switzerland) 2024 / art. 2447 <https://doi.org/10.3390/app14062447> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bandgap fluctuations, hot carriers, and band-to-acceptor recombination in Cu2ZnSn(S,Se)4 microcrystals

Krustok, Jüri; Kaupmees, Reelika; Abbasi, Nafiseh; Muska, Katri; Mengü, Idil; Timmo, Kristi Physica status solidi - rapid research letters 2023 / art. 2300077, 5 p. : ill <https://doi.org/10.1002/pssr.202300077> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bandit-based learning-aided full-duplex/half-duplex mode selection in 6G cooperative relay networks

Nomikos, Nikolaos; **Charalambous, Themistoklis;** Trakadas, Panagiotis; Wichman, Risto IEEE Open Journal of the Communications Society 2024 / p. 1415-1429 : ill <https://doi.org/10.1109/OJCOMS.2024.3370476> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bank ownership and lending : does bank ownership matter?

Laidroo, Laivi Emerging markets finance and trade 2016 / p. 285-301 : tab <https://doi.org/10.1080/1540496X.2015.1095032> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Cuestas, Juan Carlos; Lucotte, Yannick; **Reigl, Nicolas Andreas** Post-communist economies 2020 / p. 215-249 : ill <https://doi.org/10.1080/14631377.2019.1640981> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Banks' CSR disclosures – headquarters versus subsidiaries

Laidroo, Laivi; **Ööbik, Urmas** Baltic journal of management 2014 / p. 47-70 : ill https://artiklid.elnet.ee/record=b2657244*est <https://doi.org/10.1108/BJM-05-2013-0091> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Banks' CSR reporting – do women have a say?

Tapver, Triinu; **Laidroo, Laivi**; **Gurvits-Suits, Natalie Aleksandra** Corporate governance 2020 / p. 639–651 <https://doi.org/10.1108/CG-11-2019-0338> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Baroque manorial cores and the landscape

Nurme, Sulev; Kotval, Zenia; **Nutt, Nele**; **Hiob, Mart**; **Salmistu, Sirle** Journal of cultural heritage management and sustainable development 2014 / p. 166-183 : ill <https://doi.org/10.1108/JCHMSD-06-2013-0024> [Journal metrics at Scopus](#) [Article at Scopus](#)

Barotropic trends through the Barents Sea opening for the period 1975–2021

Jahanmard, Vahidreza; Löptien, Ulrike; Sandø, Anne Britt; Gierisch, Andrea M. U.; Dietze, Heiner; Lien, Vidar; **Delpeche-Ellmann, Nicole Camille**; Hordoir, Robinson Journal of Geophysical Research: Oceans 2025 / art. e2024JC021663 <https://doi.org/10.1029/2024JC021663>

Basic helix-loop-helix pioneer factors interact with the histone octamer to invade nucleosomes and generate nucleosome-depleted regions

Donovan, Benjamin T.; Chen, Hengye; **Eek, Priit**; Meng, Zhiyuan; Jipa, Caroline; Tan, Song; Bai, Lu; Poirier, Michael G. Molecular cell 2023 / p. 1251-1263.e6 <https://doi.org/10.1016/j.molcel.2023.03.006>

Basic theory and methods for managing energy efficiency in consumer systems

Karpov, V.; **Kabanen, Toivo**; Yuldashev, Z. Sh.; Nemtsev, A.; Nemtsev, I. Agronomy research 2016 / p. 1619-1625 : ill <http://agronomy.emu.ee/category/volume-14/number-5/> http://www.ester.ee/record=b1787401*est [Journal metrics at Scopus](#) [Article at Scopus](#)

Basic values in artificial intelligence : comparative factor analysis in Estonia, Germany, and Sweden

Masso, Anu; Kaun, Anne; **Noordt, Colin Pascal van** AI & Society : Knowledge, Culture and Communication 2024 / p. 2775-2790 <https://doi.org/10.1007/s00146-023-01750-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Pindsoo, Katri; **Soomere, Tarmo** Continental shelf research 2020 / art. 104029 ; 12 p <https://doi.org/10.1016/j.csr.2019.104029> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Battery size optimization with customer PV installations and domestic load profile

Shabbir, Noman; **Kütt, Lauri**; **Astapov, Victor**; Jawad, Muhammad; Allik, Alo; **Husev, Oleksandr** IEEE Access 2022 / p. 13012-13025 : ill <https://doi.org/10.1109/ACCESS.2022.3147977> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Battery storage technologies for electrical applications : impact in stand-alone photovoltaic systems

Akinyele, Daniel; **Belikov, Juri**; Levron, Yoash Energies 2017 / art. 1760, 39 p. : ill <https://doi.org/10.3390/en10111760> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Battery technologies in electric vehicles : improvements in electric battery packs

Mohseni, Parham; **Husev, Oleksandr**; **Vinnikov, Dmitri**; Strzelecki, Ryszard; Romero-Cadaval, Enrique; Tokarski, Igor IEEE industrial electronics magazine 2023 / p. 55-65 <https://doi.org/10.1109/MIE.2023.3252265> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A bayesian estimation of the Milky Way's circular velocity curve using Gaia DR3

Pöder, Sven; Benito, María; Pata, Joosep; Kipper, Rain; Ramler, Heleri; Hütsi, Gert; Kolka, Indrek; Thomas, Guillaume F. Astronomy and Astrophysics 2023 / art. A134 <https://doi.org/10.1051/0004-6361/202346474> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A Bayesian multinomial regression model for palaeoclimate reconstruction with time uncertainty

Iivonen, Liisa; Holmström, Lasse; Seppä, Heikki; **Veski, Siim** Environmetrics 2016 / p. 409-422 : ill <https://doi.org/10.1002/env.2393>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A Bayesian optimization approach for calibrating large-scale activity-based transport models

Agriesti, Serio; Kuzmanovski, Vladimir; Hollmen, Jaakko; Roncoli, Claudio; Nahmias-Biran, Bat-Hen IEEE Open Journal of Intelligent Transportation Systems 2023 / p. 740 - 754 <https://doi.org/10.1109/OJITS.2023.3321110> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Pirzamanbein, Behnaz; **Poska, Anneli;** Lindström, Johan Earth and Space Science 2020 / Art. e2018EA00057
<https://doi.org/10.1029/2018EA000547> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A bayesian spatiotemporal model for reconstructing climate from multiple pollen records

Holmström, Lasse; Iivonen, Liisa; Seppä, Heikki; **Veski, Siim** Annals of Applied Statistics 2015 / p. 1194 - 1225
<https://doi.org/10.1214/15-AOAS832> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bayesian statistical ionospheric tomography improved by incorporating ionosonde measurements

Norberg, Johannes; Virtanen, Ilkka I.; **Roininen, Lassi;** Vierinen, Juha; **Orispää, Mikko;** Kauristie, Kirsti; **Lehtinen, Markku S.** Atmospheric measurement techniques 2016 / p. 1859-1869 : ill <https://doi.org/10.5194/amt-9-1859-2016> [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bearing fault analysis of BLDC motor for electric scooter application

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

The bearing faults detection methods for electrical machines — the state of the art

Khan, Muhammad Amir; **Asad, Bilal; Kudelina, Karolina; Vaimann, Toomas; Kallaste, Ants** Energies 2023 / art. 296
<https://doi.org/10.3390/en16010296> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

β-Asarone content and essential oil composition of Acorus calamus L. rhizomes from Estonia

Raal, Ain; **Orav, Anne; Gretšušnikova, Tatjana** Journal of Essential Oil Research 2016 / p. 299 - 304
<https://doi.org/10.1080/10412905.2016.1147391> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Behavior of Estonian oil shale in acidic oxidative conditions

Niidu, Allan; Grenman, Henrik; **Muldma, Kati; Kaldas, Kristiina; Mikli, Valdek; Lopp, Margus** Frontiers in Chemical Engineering 2022 / art. 590115 <https://doi.org/10.3389/fceng.2022.590115>

Behavior of fin-plate connection of a composite beam subjected to different fire scenarios

Sakr, Mohamed; Lu, Wei; **Talvik, Ivar;** Puttonen, Jari Rakenteiden mekaniikka = Journal of structural mechanics 2024 / 23 p
<https://doi.org/10.23998/rm.137617> [Journal metrics at Scopus](#) [Article at Scopus](#)

Behaviour mechanisms and correlation between lead (Pb) and its isotope ²¹⁰Pb in industrial residue as an indicator for waste characterization

Vaasma, Taavi; **Bitjukova, Liidia;** Kiisk, Madis; Özden, Banu; Tkaczyk, Alan Henry Environmental technology 2016 / p. 3208-3218 : ill <https://doi.org/10.1080/09593330.2016.1181673> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Laas, T.; Laas, K.; Paju, J.; **Priimets, Jaanis;** Tökke, Siim; Väli, B.; **Shirokova, Veroonika; Antonov, Maksim;** Gribkov, V.A.; Demina, E.V.; Pimenov, V.N.; Paduch, M.; Matulka, R.; Akel, M. Fusion engineering and design 2020 / art. 111408
<https://doi.org/10.1016/j.fusengdes.2019.111408> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Behavioural compass : animal behaviour recognition using magnetometers

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

The being of science in Al-Farabi's philosophy

Müürsepp, Peeter; Azerbaijan, Aslan; Nuryseva, Gulzhikhan Acta Baltica historiae et philosophiae scientiarum 2024 / p. 135-150
<https://doi.org/10.11590/abhs.2024.2.06> [Journal metrics at Scopus](#) [Article at Scopus](#)

Beitrag zu detaillierten Analysen der Hydraulik von Schlitzpässen

Musall, Mark; Oberle, Peter; Carbonell Baeza, Ruth; **Fuentes-Pérez, Juan Francisco; Tuhtan, Jeffrey Andrew;** Nestmann, Franz Wasserwirtschaft 2015 / s. 67-72 <https://doi.org/10.1007/s35147-015-0551-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Osadchuk, Irina; **Borovkov, Victor**; **Aav, Riina**; Clot, Eric Physical chemistry chemical physics 2020 / p. 11025–11037
<https://doi.org/10.1039/D0CP00965B> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Benchmarking Danish, Estonian and Finnish NZEB requirements with European Commission recommendations in residential and office buildings

Simson, Raimo; Thomsen, Kirsten Engelund; Wittchen, Kim Bjarne; **Kurnitski, Jarek** Energy and Buildings 2025 / art. 116086
<https://doi.org/10.1016/j.enbuild.2025.116086>

Benchmarking Inorganic Thin-Film Photovoltaics Technologies for Indoor Applications

Placidi, Marcel; Torrents, Arnau; Li-Kao, Zacharie Jehl; Lopez-Garcia, Alex; Segura, Oriol; Gong, Yuancai; Jimenez-Arguijo, Alex; Cano, Ivan; **Spalatu, Nicolae**; **Oja, Ilona** Solar RRL 2025 / art. 2500030 <https://doi.org/10.1002/solr.202500030>
<https://onlinelibrary.wiley.com/doi/epdf/10.1002/solr.202500030>

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](#)

Benchmarking usability of patient portals in Estonia, Finland, Norway, and Sweden

Kujala, Sari; Simola, Saija; Wang, Bo; **Soone, Hedvig**; Hagström, Josefin; Bärkås, Annika; Hörhammer, Iris; Cajander, Åsa; Johansen Fagerlund, Asbjørn; Kane, Bridget International Journal of Medical Informatics 2024 / art. 105302, 7 p
<https://doi.org/10.1016/j.ijmedinf.2023.105302> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Beneficial effects of bio-fabricated selenium nanoparticles as seed nanoprimer agent on seed germination in rice (Oryza sativa L.)

Setty, Jyotsna; Samant, Sanjib Bal; **Yadav, Mayank Kumar**; Manjubala, Muthusamy; Pandurangam, Vijai Scientific Reports 2023 / art. 22349 <https://doi.org/10.1038/s41598-023-49621-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Beneficial effects of stoichiometry and nanostructure for a LiBH₄-MgH₂ hydrogen storage system

Hu, Jianjiang; **Witter, Raiker**; Shao, Huaiyu; Felderhoff, Michael; Fichtner, Maximilian Journal of materials chemistry A 2014 / p. 66-72 : ill <https://doi.org/10.1039/C3TA13775A> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Benefits through space heating and thermal storage with demand response control for a district-heated office building

Ju, Yuchen; **Hiltunen, Pauli**; **Jokisalo, Juha**; **Kosonen, Risto**; **Syri, Sanna** Buildings 2023 / art. 2670, 23 p. : ill
<https://doi.org/10.3390/buildings13102670> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

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

Yeung, Andy Wai Kan; Orhan, Ilkay Erdogan; Aggarwal, Bharat Bhushan; Battino, Maurizio; Belwal, Tarun; Bishayee, Anupam; Daglia, Maria; Devkota, Hari Prasad; El-Demerdash, Amr; Balacheva, Aneliya A.; Georgieva, Maya G.; **Gupta, Vijai Kumar** Animal Science Papers and Reports 2020 / p. 5-19
<https://www.igbzpan.pl/uploaded/FSiBundleContentBlockBundleModelTranslatableBlockTranslatableFilesElement/filePath/1583/str5-20.pdf>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Besicovitch pseudodistances with respect to non-følner sequences

Capobianco, Silvio; Guillon, Pierre 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 of both worlds? Independent lists and voter turnout in local elections

Tavares, Antonio; **Raudla, Ringa**; Silva, Tiago Journal of urban affairs 2020 / p. 955-974
<https://doi.org/10.1080/07352166.2019.1623682> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

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

Beta assertive graphs : proofs of assertions with quantification

Bellucci, Francesco; **Chiffi, Daniele**; Pietarinen, **Ahti-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](#)

The betrayal puzzle : unraveling the connection between inauthenticity, corporate wrongdoing and brand betrayal with avoidance and reparation

Ittefaq, Huma; Akhtar, Naeem; Siddiqi, Umar Iqbal; Islam, Tahir; Kuzior, Aleksandra Journal of retailing and consumer services 2024 / art. 103597 <https://doi.org/10.1016/j.jretconser.2023.103597> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

Between the camp and the makerspace : Commoning practices, temporal autonomy and care

Papoutsi, Anna; Boursinou, Maria Nerina; **Riad, Lukas Adel** Journal of Borderlands Studies 2025 / p. 395-416 <https://doi.org/10.1080/08865655.2024.2330061> [Article at Scopus](#) [Article at WOS](#)

Beyond (and back to) Palatini quadratic gravity and inflation

Dioguardi, Christian; Racioppi, Antonio; Tomberg, Eemeli Journal of cosmology and astroparticle physics 2024 / art. 041, 25 p. : ill <https://doi.org/10.1088/1475-7516/2024/03/041> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Beyond Fraudulent Hopes Versus Despair : The Potential Of Commons-Based Technological Futures

Kouvara, Asimina Journal of futures studies 2024 / p. 59-72 : ill [https://doi.org/10.6531/JFS.202412_29\(2\).0005](https://doi.org/10.6531/JFS.202412_29(2).0005) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Beyond global versus local : illuminating a cosmological framework for convivial technology development

Kostakis, Vasileios; Niaros, Vasileios; **Giotitsas, Christos** Sustainability Science 2023 / p. 2309-2322 <https://doi.org/10.1007/s11625-023-01378-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Beyond green or Tech: cultivating entrepreneurial ecosystems for the twin transition

Rodriguez Santiago, Jaime Joel Scientific Papers of the University of Pardubice, Series D : Faculty of Economics and Administration 2024 / art. 2105 <https://doi.org/10.46585/sp32022105> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Beyond high-tech versus low-tech : a tentative framework for sustainable urban data governance

Kostakis, Vasileios; Pazaitis, Alexandros; Liarakapis, Minas Big data and society 2023 / 6 p. : ill <https://doi.org/10.1177/20539517231180583> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Beyond the attention economy, towards an ecology of attending. A manifesto

Bombaerts, Gunter; Hannes, Tom; Adam, Martin; Aloisi, Alessandra; Anderson, Joel; Arvidson, P. Sven; Berger, Lawrence; Bettera, Stefano Davide; **Drechsler, Wolfgang**; **Shakya, Shobhit** AI & Society 2025 <https://doi.org/10.1007/s00146-025-02405-8>

Beyond the Big Five : the effect of machiavellian, narcissistic, and psychopathic personality traits on stakeholder engagement

Hollebeek, Linda Desiree; Sprott, David E.; **Riisalu, Rein** Psychology & Marketing 2022 / p. 1230-1243 <https://doi.org/10.1002/mar.21647> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Beyond the blind spot : enhancing polyphony through city planning activism using public participation GIS

Harsia, Eveliina; **Nummi, Pilvi** Urban Planning 2024 / art. 7096 <https://doi.org/10.17645/up.7096> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Beyond the headline : how personal exposure to inflation shapes the financial choices of households

Kukk, Merike; Toczynski, Jan; Basten, Christoph Journal of Monetary Economics 2025 / art. 103800
<https://doi.org/10.1016/j.jmoneco.2025.103800>

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](#)

Bicategories in univalent foundations

Ahrens, Benedikt; Frumin, Dan; Maggesi, Marco; **Veltri, Niccolò**; Weide, Niels van der Mathematical Structures in Computer Science 2022 <https://doi.org/10.1017/S0960129522000032> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

Bidirectional isolated hexamode DC-DC converter

Sidorov, Vadim; **Chub, Andrii**; **Vinnikov, Dmitri** IEEE transactions on power electronics 2022 / p. 12264-12278
<https://doi.org/10.1109/TPEL.2022.3170229> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bidirectional Mo4/3CTx MXene/graphene aerogels for tailored microwave absorption

Shamshirgar, Ali Saffar; Qin, Lei; **Rojas Hernandez, Rocio Estefania**; Halim, Joseph; Fernandez, Jose F.; **Hussainova, Irina**; Rosen, Johanna ACS Applied Nano Materials 2025 / p. 1978-1990 <https://doi.org/10.1021/acsanm.4c06555>

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

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

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

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

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](#)

Bifunctional oxygen electrocatalyst based on Fe, Co, and nitrogen co-doped graphene-coated alumina nanofibers for Zn-air battery air electrode

Mooste, Marek; Ahmed, Zubair; Kapitulsis, Pavels; **Ivanov, Roman**; Treshchalov, Alexey; Piirsoo, Helle-Mai; Kikas, Arvo; Kisand, Vambola; Kukli, Kaupo; **Hussainova, Irina**; Tammeveski, Kaido Applied Surface Science 2024 / art. 160024
<https://doi.org/10.1016/j.apsusc.2024.160024> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A big wave at Pouto, Kaipara Harbour, New Zealand

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

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

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

The BIM-based building permit process : factors affecting adoption

Ullah, Kaleem; **Witt, Emlyn David Qivitoq**; **Lill, Irene** Buildings 2022 / art. 45 <https://doi.org/10.3390/buildings12010045> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bimetallic metal-organic-framework-derived porous cobalt manganese oxide bifunctional oxygen electrocatalyst

Yusibova, Gulnara; Assafrei, Jürgen-Martin; **Ping, Kefeng**; Aruväli, Jaan; Paiste, Pääm; Käärik, M.; Leis, J.; Piirsoo, Helle-Mai; Tamm, Aile; **Starkov, Pavel** Journal of electroanalytical chemistry 2023 / art. 117161, 10 p.: ill

<https://doi.org/10.1016/j.jelechem.2023.117161> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Bimodal distribution patterns of motile phytoplankton in relation to physical processes and stratification (Gulf of Finland, Baltic Sea)

Lips, Urmas; Lips, Inga Deep-sea research part II: Topical studies in oceanography 2014 / p. 107-119 : ill

<https://doi.org/10.1016/j.dsr2.2013.05.029> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Binary RuO₂–CuO electrodes outperform RuO₂ electrodes in measuring the pH in food samples

Lazouskaya, Maryna; Vetik, Iuliia; Tamm, Martti; Uppuluri, Kiranmai; **Scheler, Ott** ACS omega 2023 / p. 13275-13284

<https://doi.org/10.1021/acsomega.3c00538> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Binder jetting 3D printing of green TiC-FeCr based cermets- Effect of sintering temperature and systematic comparison study with Laser powder bed fusion fabricated parts

Maurya, Himanshu Singh; Marczyk, J.; **Juhani, Kristjan**; **Sergejev, Fjodor**; Kumar, R.; **Hussain, Abrar**; Akhtar, F.; Hebda, M.; **Prashanth, Konda Gokuldoss** Materials Today Advances 2025 / art. 100562 <https://doi.org/10.1016/j.mtadv.2025.100562>

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

A bio- and chemostratigraphic search for the Mid-Ludfordian Carbon Isotope Excursion interval in the Ludlow of the Ohesaare core, Estonia

Kaljo, Dimitri; **Martma, Tõnu**; **Märss, Tiiu**; **Nestor, Viiu-Kai**; **Viira, Viive** Estonian journal of earth sciences 2022 / p. 44-60 : ill

<https://doi.org/10.3176/earth.2022.04> 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

Biobased natural deep eutectic system as versatile solvents : structure, interaction and advanced applications

Usmani, Zeba; Sharma, Minaxi; Tripathi, Manikant; **Lukk, Tiit**; **Karpichev, Yevgen**; Gathergood, Nicholas; Singh, Brahma N.;

Thakur, Vijay Kumar; Tabatabaei, Meisam; Gupta, Vijai Kumar Science of the total environment 2023 / art. 163002

<https://doi.org/10.1016/j.scitotenv.2023.163002> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Kamboj, Nikhil Kumar; Rodriguez, Miguel Angel; **Rahmani Ahranjani, Ramin**; **Prashanth, Konda Gokuldoss**; **Hussainova, Irina** Proceedings of the Estonian Academy of Sciences 2019 / p. 185–190 : ill <https://doi.org/10.3176/proc.2019.2.10>

http://www.kirj.ee/public/proceedings_pdf/2019/issue_2/proc-2019-2-185-190.pdf Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A bio-chemostratigraphical test of the synchronicity of biozones in the upper Silurian of Estonia and Latvia with some implications for practical stratigraphy

Kaljo, Dimitri; Einasto, Rein; **Martma, Tõnu**; **Märss, Tiiu**; **Nestor, Viiu-Kai**; **Viira, Viive** Estonian journal of earth sciences 2015 / p. 267-283 : ill https://artiklid.elnet.ee/record=b2750825*est <https://doi.org/10.3176/earth.2015.33> Journal metrics at Scopus Article at Scopus Journal metrics at WOS article at WOS

Bioclaustrations in Upper Ordovician bryozoans from northern Estonia

Vinn, Olev; Ernst, Andrej; **Toom, Ursula** Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen 2018 / p. 113-121

<https://doi.org/10.1127/njgpa/2018/0752> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Passari, Ajit Kumar; Lalsiamthari, P.C.; Zothanpuia; Leo, Vincent Vineeth; Mishra, Vineet Kumar; Yadav, Mukesh Kumar; **Gupta, Vijai**

Kumar; Singh, Bhim Pratap European Journal of Plant Pathology 2018 / p. 831 - 846 <https://doi.org/10.1007/s10658-017-1325-3> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Ivanoska-Dacikj, Aleksandra; Bogoeva-Gaceva, Gordana; **Krumme, Andres**; **Tarasova, Elvira**; Scalera, Chiara; Stojkovski,

Velimir; Gjorgoski, Icko; Ristoski, Trpe International Journal of Polymeric Materials and Polymeric Biomaterials 2020 / p. 1101 - 1111

<https://doi.org/10.1080/00914037.2019.1655754> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Biodegradation of ionic liquids - a critical review

Jordan, Andrew; **Gathergood, Nicholas** Chemical Society reviews 2015 / p. 8200-8237 : ill <https://doi.org/10.1039/c5cs00444f> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biodiversity composition reflects the history of ancient semi-natural woodland and forest habitats - Compilation of an indicator complex for restoration practice

Palo, Anneli; **Ivask, Mari**; Liira, Jaan Ecological Indicators 2013 / p. 336 - 344 <https://doi.org/10.1016/j.ecolind.2013.05.020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biodiversity of the Silurian osteostracans of the East Baltic

Märss, Tiit; Afanassieva, Olga; Blom, Henning Earth and environmental science transactions of the Royal Society of Edinburgh 2014 / p. 73-148 : ill <https://doi.org/10.1017/S1755691014000218> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Bioerosion of inorganic hard substrates in the Ordovician of Estonia (Baltica)

Vinn, Olev; Wilson, Mark; **Toom, Ursula** PLoS ONE 2015 / art. e0134279, p. 1-17 : ill <https://doi.org/10.1371/journal.pone.0134279> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bioerosion of inorganic hard substrates in the Silurian of Estonia (Baltica)

Vinn, Olev; **Toom, Ursula** GFF 2016 / p. 306-310 : ill <https://doi.org/10.1080/11035897.2015.1076513> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biofabrication of zinc oxide nanoparticles with syzygium aromaticum flower buds extract and finding its novel application in controlling the growth and mycotoxins of Fusarium graminearum

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

Biogenic methane contributes to the food web of a large, shallow lake

Agasild, Helen; Zingel, Priit; Tuvikene, Lea; Tuvikene, Arvo; Timm, Henn; Feldmann, Tõnu; **Salujõe, Jaana**; **Toming, Kaire**; Jones, Roger I.; Nöges, Tiina Freshwater biology 2014 / p. 272-285 : ill <https://doi.org/10.1111/fwb.12263> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bioimpedance sensors : instrumentation, models, and applications

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

Bioinspired and multifunctional tribological materials for sliding, erosive, machining, and energy-absorbing conditions : A review

Kumar, Rahul, 1993-; **Rezapourianghahfarokhi, Mansoureh**; Rahmani Ahranjani, Ramin; **Maurya, Himanshu Singh**; **Kamboj, Nikhil Kumar**; **Hussainova, Irina** Biomimetics 2024 / art. 209 <https://doi.org/10.3390/biomimetics9040209> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Bioinspired whisker sensor for 3D mapping of underground mining environments

Gomez, Virgilio; **Remmas, Mohamed Walid**; Hernando, Miguel; **Ristolainen, Asko**; Rossi, Claudio Biomimetics 2024 / art. 83 <https://doi.org/10.3390/biomimetics9020083> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biological and geochemical records of human-induced eutrophication in a small hard-water lake

Mikomägi, Annika; Koff, Tiit; **Martma, Tõnu**; Marzecova, Agata Boreal environment research 2016 / p. 513-527 : ill <http://www.borenav.net/BER/ber215-6.htm> <https://helda.helsinki.fi/server/api/core/bitstreams/423cb196-2290-4f57-b64f-6b4ba7b5a6ca/content> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 fibers as a substitute to synthetic fibers in polymer composites

Qasim, Umair; Ali, Muzaffar; Ali, Touqeer; Iqbal, Rameez; Jamil, Farrukh ChemBioEng Reviews 2020 / p. 193–215
<https://doi.org/10.1002/cben.202000002>

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 Viruses

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](#)

Biomimetic design of implants for long bone critical-sized defects

Rezapourianghahfarokhi, Mansoureh; **Kamboj, Nikhil Kumar**; Jasiuk, Iwona; **Hussainova, Irina** Journal of the mechanical behavior of biomedical materials 2022 / art. 105370 <https://doi.org/10.1016/j.jmbbm.2022.105370> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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](#)

Biophysical studies of the amyloid beta-peptide : interactions with metal ions and small molecules

Wärmländer, Sebastian K.T.S.; **Tiiman, Ann**; Abelein, Axel ChemBiochem : a European journal of chemical biology 2013 / p. 1692-1704 : ill <https://doi.org/10.1002/cbic.201300262> [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](#)

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

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

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

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

Bio-recalcitrant pollutants removal from wastewater with combination of the Fenton treatment and biological oxidation

Trapido, Marina; Tenno, Taavo; **Goi, Anna**; **Dulova, Niina**; **Kattel, Eneliis**; **Klauson, Deniss**; Klein, Kati; Tenno, Toomas; **Viisimaa, Marika** Journal of water process engineering 2017 / p. 277-282 : ill <https://doi.org/10.1016/j.jwpe.2017.02.007> [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](#)

Biostratigraphy, shoreline changes and origin of the Limnea Sea lagoons in northern Estonia: The case study of Lake Harku

Grudzinska, Ieva; **Saarse, Leili**; **Vassiljev, Jüri**; **Heinsalu, Atko** Baltica 2014 / p. 15-24 : ill <https://doi.org/10.5200/baltica.2014.27.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biotechnological advances for restoring degraded land for sustainable development

Tripathi, Vishal; Edrisi, Sheikh Adil; Chen, Bin; **Gupta, Vijai Kumar; Vilu, Raivo; Gathergood, Nicholas**; Abhilash, P.C. Trends in biotechnology 2017 / p. 847-859 : ill <https://doi.org/10.1016/j.tibtech.2017.05.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bio-templated aerogel fibers: heterogeneous spinodal architecting and in situ fibrillation of thermoplastic polyurethane-silica on nanostructured cellulose nanofiber scaffold for enhanced thermomechanical performance

Omranpour, Hosseinali; Monfared, Ali Reza; Buahom, Piyapong; **Omranpour Shahreza, Babak**; Salehi, Amirmehdi; Rahmati, Reza; Park, Chul B. ACS applied materials and interfaces 2024 / p. 57981-57994 : ill <https://doi.org/10.1021/acsami.4c14503> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biotic turnover rates during the Pleistocene-Holocene transition

Stivriņš, Normunds; Soininen, Janne; **Amon, Leeli; Reitalu, Triin; Veski, Siim** Quaternary science reviews 2016 / p. 100-110 : ill <https://doi.org/10.1016/j.quascirev.2016.09.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

1,1'-bis(anilino)-4,4'-bis(naphtalene)-8,8'-disulfonate acts as an inhibitor of lipoprotein lipase and competes for binding with apolipoprotein CII

Lõokene, Aivar; Zhang, L.; Tõugu, Vello; Olivecrona, G. Journal of biological chemistry 2003 / p. 37183-37194 <https://doi.org/10.1074/jbc.m303894200>

Bis-spirocyclic diol monomers and polyurethanes derived from citric acid : synthesis, properties, electrospinnability, and evaluation of chemical recyclability

Liblikas, Ilme; Bonjour, Olivier; **Savest, Natalja; Krumme, Andres**; Jannasch, Patric; Vares, Lauri Chemical engineering journal 2025 / art. 163525 <https://doi.org/10.1016/j.cej.2025.163525>

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](#)

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

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

Blockchain and smart contracts for entrepreneurial collaboration in maritime supply chains

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

Blockchain and value systems in the sharing economy: The illustrative case of Backfeed

Pazaitis, Alexandros; De Filippi, Primavera; **Kostakis, Vasileios** Technological forecasting and social change 2017 / p. 105-115 : ill <https://doi.org/10.1016/j.techfore.2017.05.025> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Blockchain implementation barriers in maritime: a case study based on ISM and MICMAC techniques

Bauk, Sanja; Ntshangase, Lindani Handsome Journal of maritime research 2023 / p. 72-80 <https://www.jmr.unican.es/index.php/jmr/article/view/736/766> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

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

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

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

Blockchain-based medical decision support system

Hovorushchenko, Tetiana; Hnatchuk, Yelyzaveta; Osyadlyi, Vitaliy; Kapustian, Mariia; **Boyarchuk, Artem** Journal of cyber security and mobility 2023 / p. 253-274 : ill <https://doi.org/10.13052/jcsm2245-1439.123.1> [Journal metrics at Scopus](#) [Article at Scopus](#)

Blockchain-based ontology driven reference framework for security risk management

Iqbal, Mubashar; Kormiltsyn, Aleksandr; Dwivedi, Vimal; Matulevičius, Raimundas Data & knowledge engineering 2024 / art.

Blood pressure and LDL-cholesterol targets for prevention of recurrent strokes and cognitive decline in the hypertensive patient: Design of the European Society of Hypertension-Chinese Hypertension League Stroke in Hypertension Optimal Treatment randomized trial

Zanchetti, Alberto; Liu, Lisheng; Mancina, Giuseppe; Parati, Gianfranco; Grassi, Guido; Stramba-Badiale, Marco; Silani, Vincenzo; Bilo, Grzegorz; Corrao, Giovanni; **Viigimaa, Margus** Journal of hypertension 2014 / p. 1888-1897

<https://doi.org/10.1097/HJH.0000000000000254> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Blood pressure and low-density lipoprotein-cholesterol lowering for prevention of strokes and cognitive decline: A review of available trial evidence

Zanchetti, Alberto; Liu, Lisheng; Mancina, Giuseppe; Parati, Gianfranco; Grassi, Guido; Stramba-Badiale, Marco; Silani, Vincenzo; Bilo, Grzegorz; Corrao, Giovanni; **Viigimaa, Margus** Journal of hypertension 2014 / p. 1741-1750

<https://doi.org/10.1097/HJH.0000000000000253> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Blue growth potential in South Baltic Sea region

Philipp, Robert; Prause, Gunnar Klaus; Meyer, Christopher Transport and telecommunication journal 2020 / p. 69–83

<https://doi.org/10.2478/tjt-2020-0006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Blurred lines? Disentangling the roles of consumers' influencer- and brand engagement in shaping brand performance

Weiger, Welf H.; Gieritz, Johann N.; Hammerschmidt, Maik; **Hollebeek, Linda Desiree** Journal of Business Research 2025 / art.

115280 <https://doi.org/10.1016/j.jbusres.2025.115280> [Article at Scopus](#)

1-butyl-3-methylimidazolium chloride assisted electrospinning of SAN/MWCNTs conductive reinforced composite membranes

Gudkova, Viktoria; Krumme, Andres; Märtson, Triin; Rikko, M.; Tarasova, Elvira; Savest, Natalja; Viirsalu, Mihkel Journal of electrostatics 2015 / p. 11-16 : ill <https://doi.org/10.1016/j.elstat.2015.09.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

BOD/COD ratio as a probing index in the O/H/O process for coking wastewater treatment

Wei, Gengrui; Wei, Tuo; Li, Zemin; Wei, Cong; Kong, Qiaopin; Guan, Xianghong; Qiu, Guanglei; Hu, Yun; Wei, Chaohai; Zhu, Shuang; Liu, Yu; **Preis, Sergei** Chemical Engineering Journal 2023 / art. 143257 <https://doi.org/10.1016/j.cej.2023.143257> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bond governed interactions between helical reinforcement and 3D printed concrete

Hass, Lauri; Bos, F.P.; Salet, T.A.M. Journal of building engineering 2025 / art. 111447, 28 p. : ill

<https://doi.org/10.1016/j.jobbe.2024.111447>

Boosting app-based mobile financial services engagement in B2B subsistence marketplaces : The roles of marketing strategy and app design

Ferdous, Ahmed Shahriar; Akareem, Husain Salilul; Viswanathan, Madhu; **Hollebeek, Linda Desiree**; Ringer, Allison Industrial

Marketing Management 2024 / p. 147-161 <https://doi.org/10.1016/j.indmarman.2024.04.014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Boosting customers' impulsive buying tendency in live-streaming commerce: The role of customer engagement and deal proneness

Luo, Xi; Cheah, Jun-Hwa; **Hollebeek, Linda Desiree**; Lim, Xin-Jean Journal of retailing and consumer services 2024 / art. 103644,

15 p. : ill <https://doi.org/10.1016/j.jretconser.2023.103644> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Boosting phosphorescence efficiency by crystal anisotropy in SrAl₂O₄:Eu,Dy textured ceramic layers

Rojas Hernandez, Rocio Estefania; Rubio-Marcos, Fernando; Serrano, Aida; Hussainova, Irina; Fernandez, Jose Francisco

Journal of the European Ceramic Society 2020 / p. 1677–1683 : ill <https://doi.org/10.1016/j.jeurceramsoc.2019.11.019> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The borderlines of invisibility and visibility in Calderón's inverse problem

Astala, Kari; Lassas, Matti; **Päivärinta, Lassi Juhani** Analysis and PDE 2016 / p. 43 - 98 <https://doi.org/10.2140/apde.2016.9.43>

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

Borings and bioclastrations in bryozoans from the Kunda Regional Stage (Darriwilian; Middle Ordovician) of northern Estonia and NW Russia

Vinn, Olev; Ernst, Andrej; Wilson, Mark A.; **Toom, Ursula** Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen 2022 / p.

219-225 : map <https://doi.org/10.1127/njgpa/2022/1044> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Borings in phosphatized Cambrian siltstone pebbles, Estonia (Baltica)

Vinn, Olev; **Toom, Ursula** Geological magazine 2016 / p. 635-642 : ill <https://doi.org/10.1017/S001675681500076X> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Boron and Fluorine Co-Doped Graphene/Few-Walled Carbon Nanotube Composite as Highly Active Electrocatalyst for Oxygen Reduction Reaction

Raudsepp, Ragle; Türk, Karl-Kalev; **Zarmehri, Ehsan**; Joost, Urmas; Rauwel, Protima; Saar, Rando; Mäeorg, Uno; Dyck, Alexaner; Bron, Michael; Chen, Zhongming; Noda, Suguru; Kruusenberg, Ivar; Tammeveski, Kaido ChemNanoMat 2024 / art. e202300546, 11 p. : ill <https://doi.org/10.1002/cnma.202300546>

Borrelia burgdorferi sensu lato prevalence in tick populations in Estonia

Geller, Julia; Nazarova, Lidia; Katargina, Olga; Golovljova, Irina Parasites and vectors 2013 / p. 1-10 : ill <https://doi.org/10.1186/1756-3305-6-202> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bottom-up and top-down forces structuring consumer communities in an experimental grassland

Rzanny, Michael; **Kuu, Anneli**; Voigt, Winfried Oikos 2013 / p. 967 - 976 <https://doi.org/10.1111/j.1600-0706.2012.00114.x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Boundary between the Porkuni and Juuru regional stages in the Neitla section, Estonia

Männik, Peep; Nõlvak, Jaak Estonian journal of earth sciences 2023 / p. 66-69 : ill <https://doi.org/10.3176/earth.2023.52> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

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

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

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

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

Bovine sperm plasma membrane proteomics through biotinylation and subcellular enrichment

Kasvandik, Sergio; Sillaste, Gerly; **Velthut-Meikas, Agne**; Mikelsaar, Aavo-Valdur; Hallap, Triin; Padrik, Peeter; Tenson, Tanel; Jaakma, Ülle; Kõks, Sulev; Salumets, Andres Proteomics 2015 / p. 1906 - 1920 <https://doi.org/10.1002/pmic.201400297> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

B-plexins control microtubule dynamics and dendrite morphology of hippocampal neurons

Laht, Piret; Otsus, Maarja; Remm, Jaanus; **Veske, Andres** Experimental cell research 2014 / p. 174-184 : ill <https://doi.org/10.1016/j.yexcr.2014.06.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Brachiopod shell thickness links environment and evolution

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

Bracing urban governance against climate crises : how to integrate high reliability into strategic decisionmaking?

Vihma, Peeter; Hukkinen, Janne I. Environmental policy and governance 2024 / p. 103-113 <https://doi.org/10.1002/eet.2129>

Brand engagement and experience in online services

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

Brand love and customer brand engagement for masstige : a cross-cultural perspective

Shahid, Shadma; Husain, Rehan; Islam, Jamid Ul; **Hollebeek, Linda Desiree** Journal of Product & Brand Management 2025 / 17 p <https://doi.org/10.1108/JPBM-07-2024-5370>

Breakdown of classical models in highly damped ultrasonic propagation

Lafarge, D.; Bouchendouka, A.; Fellah, Z. E. A.; Scotti, T.; Ogam, E.; Perrot, C.; Depollier, C.; **Ratassepp, Madis**; Chrysochoidis, N. The Journal of the Acoustical Society of America 2025 / p. 2389-2403 <https://doi.org/10.1121/10.0039247>

Breaking barriers for breaking ground: A categorisation of public sector challenges to smart city project implementation

Akgün, Emine Zehra; Gerli, Paolo; **Mora, Luca**; McTigue, Clare Public policy and administration 2024 / 53 p. : ill <https://doi.org/10.1177/09520767241263233> [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

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

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

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

Breaking the ice : understanding and overcoming consumer resistance to frozen foods

Waseem, Muhammad Adnan; Waqas, Muhammad; Ekinci, Yuksel; Khan, Muhammad Fawad; **Hollebeek, Linda Desiree** British food journal 2025 / p. 1923-1941 <https://doi.org/10.1108/BFJ-11-2024-1123> [Article at Scopus](#)

Bridge to security : exploring unemployment insurance for solo self-employed in Estonia

Vallistu, Johanna European Journal of Social Security 2024 / p. 155–168 <https://doi.org/10.1177/13882627241264969> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 metacompetencies and entrepreneurship education

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

Bridging risk ethics and sustainability : A data-driven study of ethical leadership practices in risky business environments

Prokopenko, Olha; Jarvis, Marina; Shahnazaryan, Nelly; Chechel, Anna; Sapiński, Aleksander; Batsenko, Liudmyla Business Ethics and Leadership 2025 / p. 211-224 [https://doi.org/10.61093/bel.9\(2\).211-224.2025](https://doi.org/10.61093/bel.9(2).211-224.2025) <https://journals.urau.ua/index.php/2307-0404/article/view/333692>

Bridging the gap in technology transfer for advanced process control with industrial applications

Vansovitš, Vitali; Petlenkov, Eduard; Tepļakov, Aleksej; Vassiljeva, Kristina; Belikov, Juri Sensors 2022 / art. 4149 <https://doi.org/10.3390/s22114149> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bridging the urban-rural digital divide: taxonomy of the best practice and critical reflection of the EU countries' approach

Feurich, Marek; Kourilova, Jana; Pelucha, Martin; **Kasabov, Edward** European planning studies 2024 / p. 483-505 : ill <https://doi.org/10.1080/09654313.2023.2186167> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

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

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

Broadband discrete-level excitations for improved extraction of information in bioimpedance measurements

Min, Mart; Paavle, Toivo Physiological measurement 2014 / p. 997-1010 : ill <https://doi.org/10.1088/0967-3334/35/6/997> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Broadleaf deciduous forest counterbalanced the direct effect of climate on Holocene fire regime in hemiboreal/boreal region (NE Europe)

Feurdean, Angelica; **Veski, Siim; Amon-Veskimeister, Leeli; Heinsalu, Atko; Vassiljev, Jüri** Quaternary science reviews 2017 / p.

378-390 : ill <https://doi.org/10.1016/j.quascirev.2017.05.024> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Brokers in biotechnology and software networks in EU research projects

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

Bryozoan-cnidarian mutualism triggered a new strategy for greater resource exploitation as early as the Late Silurian

Zapalski, M. K.; Vinn, Olev; Toom, Ursula; Ernst, Andrej; Wilson, Mark A. Scientific reports 2022 / art. 15556 ; 9 p. : ill <https://doi.org/10.1038/s41598-022-19955-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

B-spline based finite element method in one-dimensional discontinuous elastic wave propagation

Kolman, Radek; Okrouhlik, M.; Berezovski, Arkadi; Gabriel, Dusan; Kopačka, J.; Plešek, J. Applied mathematical modelling 2017 / p. 382-395 : ill <https://doi.org/10.1016/j.apm.2017.01.077> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [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](#)

Buddhism, wealth, and privilege : Ambedkar and Habermas

San, Pisith; Drechsler, Wolfgang; Shakya, Shobhit Religions 2023 / art. 1057 <https://doi.org/10.3390/rel14081057> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Buddhist governance : navigating today's role of Saṅgha and Dhammarājā, with special reference to Cambodia

San, Pisith Halduskultuur: The Estonian journal of administrative culture and digital governance 2024 / p. 26-49 https://www.ester.ee/record=b2157203*est <https://doi.org/10.32994/hk.v22i2.320> [Journal metrics at Scopus](#) [Article at Scopus](#)

Budgeting for innovation: How funding strategies enable or constrain public sector experimentation

Raudla, Ringa; Sarapuu, Külli; Douglas, James W.; Vallistu, Johanna; Harbuzova, Nastassia Public Budgeting & Finance 2025 / 13 p <https://doi.org/10.1111/pbaf.12402>

Building a legislative framework for securing Georgia's strategic assets

Chochia, Archil; Gvineria, Shota; Mölder, Holger TalTech journal of European studies 2024 / p. 271-301 : ill <https://doi.org/10.2478/bjes-2024-0013> https://www.ester.ee/record=b5290032*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Building global societies on collective intelligence : challenges and opportunities

Suran, Shweta; Pattanaik, Vishwajeet; Kurvers, Ralf; Hallin, Carina Antonia; De Liddo, Anna; Krimmer, Robert Johannes; Draheim, Dirk Digital government : research and practice 2022 / art. 31, p. 1-6 <https://doi.org/10.1145/3568169> [Journal metrics at Scopus](#) [Article at Scopus](#)

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 smart living environments for ageing societies : decision support for cross-border e-services between Estonia and Finland

Weck, Marina; Jackson, Eric Blake; Sihvonen, Markus; Pappel, Ingrid Technology in society 2022 / art. 102066, 13 p. <https://doi.org/10.1016/j.techsoc.2022.102066> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Building sustainability objective assessment in Estonian context and a comparative evaluation with LEED and BREEAM

Seinre, Erkki; Kurnitski, Jarek; Voll, Hendrik Building and environment 2014 / p. 110-120 : ill <https://doi.org/10.1016/j.buildenv.2014.08.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Buildings' energy efficiency measures effect on CO2 emissions in combined heating, cooling and electricity production

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

Bulk and surface characterisation techniques of solar absorbers : general discussion

Andreasen, Jens Wenzel; Breternitz, Joachim; Bär, Marcus; Dale, Phillip J.; Dimitrievska, Mirjana; Fermin, David J.; Fleck, Nicole; Hages, Charles J.; Havryliuk, Yevhenii; Hawkins, Cara; **Mandati, Sreekanth** Faraday Discussions 2022 / p. 180-201
<https://doi.org/10.1039/D2FD90056D>

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

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

Business development models for regional airports - case studies from the Baltic Sea region

Beifert, Anatoli Journal of security and sustainability issues 2015 / p. 199-212 : tab <https://journals.lka.lt/journal/jssi/article/1520/info>
[Journal metrics at Scopus](#) [Article at Scopus](#)

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

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

Business 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](#)

Business opportunities for a ground effect vehicle - case of Canary Islands

Otsason, Riina; **Hilmola, Olli-Pekka Kristian**; **Tapaninen, Ulla**; Tovar, Beatriz Transport and Telecommunication 2024 / p. 473 - 482 <https://doi.org/10.2478/tjt-2024-0034> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Business process efficiency in a digital economy

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

Business process optimization based on logistics concepts and technologies

Prokopenko, Olha; Dikiy, Alexander; Butenko, Nataliia; Naumenko, Mariya; Dedilova, Tetiana; Miroshnyk, Roman International journal of advanced research in engineering and technology 2020 / p. 184–196
http://www.iaeme.com/MasterAdmin/Journal_uploads/IJARET/VOLUME_11_ISSUE_6/IJARET_11_06_017.pdf [Journal metrics at Scopus](#) [Article at Scopus](#)

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

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

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

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

C3-symmetric opioid scaffolds are pH-responsive DNA condensation agents

McStay, Natasha; Molphy, Zara; Coughlan, Alan; Cafolla, Attilio; McKee, Vickie; **Gathergood, Nicholas**; Kellett, Andrew Nucleic acids research 2017 / p. 527-540 : ill <https://doi.org/10.1093/nar/gkw1097> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cabotage and sulphur regulation change : cost effects to Northern Europe

Hilmola, Olli-Pekka Kristian; **Kiisler, Ain**; Hilletoft, Per International journal of business and systems research 2017 / p. 417-428
<https://doi.org/10.1504/IJBSR.2017.087099> [Journal metrics at Scopus](#) [Article at Scopus](#)

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](#)

CaCl₂, bisoxazoline, and malonate : a protocol for an asymmetric Michael reaction

Lippur, Kristin; **Kaabel, Sandra**; **Järving, Ivar**; Rissanen, Kari; **Kanger, Tõnis** Journal of organic chemistry 2015 / p. 6336-6341 : ill <https://doi.org/10.1021/acs.joc.5b00769> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cadmium in the Eastern Gulf of Finland : concentrations and effects on the mollusk Limecola balthica

Sharov, Andrey; Berezina, Nadezhda; **Kuprijanov, Ivan**; Sladkova, Svetlana; Kamardin, Nikolay; Shigaeva, Tatyana; Kudryavtseva, Valentina; Kholodkevich, Sergei Geochemistry International 2022 / p. 702-710 <https://doi.org/10.1134/S0016702922060076> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

CaF₂ solidstate electrolytes prepared by vapor pressure exposure and solid synthesis for defect and ionic conductivity tuning

Molaiyan, Palanivel; Witter, Raiker Material design & processing communications 2020 / art. e76, 6 p. : ill

<https://onlinelibrary.wiley.com/doi/epdf/10.1002/mdp2.76> <https://doi.org/10.1002/mdp2.76> [Journal metrics at Scopus](#) [Article at Scopus](#)

Calcium, Barium and Strontium apatites : a new generation of catalysts in the Biginelli reaction

Ben Moussa, Sana; Lachheb, Jalel; Gruselle, Michel; **Maaten, Birgit; Kriis, Kadri; Kanger, Tõnis; Tõnsuaadu, Kaia**; Badraoui, Bechir Tetrahedron 2017 / p. 6542-6548 : ill <https://doi.org/10.1016/j.tet.2017.09.051> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Calculation analysis of shale oil and power cogeneration

Lausmaa, Toomas; Ots, Arvo; Poobus, Arvi; Dedov, Andrei Oil shale 2019 / p. 19-31 : ill <https://doi.org/10.3176/oil.2019.1.02>

http://www.kirj.ee/public/oilshale_pdf/2019/issue_1/OS-2019-1-19-31.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Calculation method for optimization of barge hull

Gornostajev, Dmitri; **Arjassov, Gennadi; Penkov, Igor** International review of mechanical engineering (IREME) 2016 / p. 115-124 :

ill <https://doi.org/10.15866/ireme.v10i2.8351> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

Aryassov, G.; Gornostajev, Dmitri; **Penkov, Igor** International journal of applied mechanics and engineering 2018 / p. 835–853

<https://doi.org/10.2478/ijame-2018-0046> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

Jürimägi, Lembit; Ubar, Raimund-Johannes; Jenihhin, Maksim; Raik, Jaan Microprocessors and microsystems 2020 / art.

103117, 12 p <https://doi.org/10.1016/j.micpro.2020.103117> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Calculation of the amount of Estonian oil shale products from combustion in regular and oxy-fuel mode in a CFB boiler

Konist, Alar; Loo, Lauri; Valtsev, Aleksandr; Maaten, Birgit; Siirde, Andres; Nešumajev, Dmitri; Pihu, Tõnu Oil shale 2014 / p.

211-224 : ill https://artiklid.elnet.ee/record=b2680497*est <https://doi.org/10.3176/oil.2014.3.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metric 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](#)

Calling for a systems approach in microbiome research and innovation

Meisner, Annelein; Wepner, Beatrix; Kostic, Tanja; Overbeek, Leo S. van; Bunthof, Christine J.; Correa de Souza, Rafael Soares;

Olivares, Marta; Sanz, Yolanda; Lange, Lene; Fischer, Doreen; Sessitsch, Angela; Smidt, Hauke; Microbiome Support Consortium Current opinion in biotechnology 2022 / p. 171–178 : ill <https://doi.org/10.1016/j.copbio.2021.08.003>

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

Villo, Ly; Risti, Robert; Reimund, Mart; Kukk, Kaia; Samel, Nigulas; Lõokene, Aivar Biochimica et Biophysica Acta (BBA) -

Molecular and Cell Biology of Lipids 2020 / art. 158553, 12 p. : ill <https://doi.org/10.1016/j.bbalip.2019.158553> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Risti, Robert; Villo, Ly; Lõokene, 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](#)

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 Europe prosper without the common currency? A historical perspective

Notermans, Antonius Johannes Hubertus Journal of reviews on global economics 2017 / p. 129-142 : tab

<https://doi.org/10.6000/1929-7092.2017.06.11> [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](#)

Can research, development, and innovation policies cross borders? The case of Nordic-Baltic region

Tõnurist, Piret; Kattel, Rainer Science and public policy 2017 / p. 1-13 : tab <https://doi.org/10.1093/scipol/scw066> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Can selenium levels act as a marker of colorectal cancer risk?

Lener, Marcin R.; **Kulp, Maria; Viitak, Anu** BMC cancer 2013 / p. 1-6 : ill <https://doi.org/10.1186/1471-2407-13-214> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Can Smart Technology and Traditional Wisdom Craft Truly Sustainable Built Environments?

Priavoulou, Christina Building and Environment 2025 / art. 112205 <https://doi.org/10.1016/j.buildenv.2024.112205>
<https://www.sciencedirect.com/science/article/abs/pii/S0360132324010473>

Can theories of mental representation adequately explain mental imagery?

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

Cancer LncRNA Census reveals evidence for deep functional conservation of long noncoding RNAs in tumorigenesis

Carlevaro-Fita, Joan; Lanzós, Andrés; Feuerbach, Lars; Hong, Chen; Mas-Ponte, David; Pedersen, Jakob Skou; Abascal, Federico; Amin, Samirkumar B.; Johnson, Rory; **Uusküla-Reimand, Liis** Communications Biology 2020 / Art. nr. 56
<https://doi.org/10.1038/s42003-019-0741-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cancer sniffer dogs : how can we translate this peculiarity in laboratory medicine? Results of a pilot study on gastrointestinal cancers

Panebianco, Concetta; **Kelman, Edgar; Vene, Kristel**; Gioffreda, Domenica; Tavano, Francesca; **Vilu, Raivo**; Terracciano, Fulvia; **Pata, Illar; Adamberg, Kaarel**; Andriulli, Angelo; Papienza, Valerio Clinical chemistry and laboratory medicine (CCLM) 2017 / p. 138-146 : ill <https://doi.org/10.1515/cclm-2016-1158> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Candidate cancer driver mutations in distal regulatory elements and long-range chromatin interaction networks

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

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

Staaf, 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](#)

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

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

Capacitance-to-digital: A single chip detector for capillary electrophoresis

Drevinskas, Tomas; **Kaljurand, Mihkel**; Maruška, Audrius Electrophoresis 2014 / p. 2401-2407 : ill
<https://doi.org/10.1002/elps.201300468> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Capacity reliability of water distribution systems

Vaabel, Joonas; Koppel, Tiit; Ainola, Leo; Sarv, Laur Journal of Hydroinformatics 2014 / p. 731-741
<https://doi.org/10.2166/hydro.2013.040> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Capillary electrophoresis as a monitoring tool for flow composition determination

Kaljurand, Mihkel; Saar-Reismaa, Piret; Vaher, Merike; Gorbatošova, 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](#)

Capillary electrophoresis sensitivity enhancement based on adaptive moving average method

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

Capillary electrophoretic study of the synergistic biological effects of alkaloids from *Chelidonium majus* L. in normal and cancer cells

Kulp, Maria; Bragina, Olga Analytical and bioanalytical chemistry 2013 / p. 3391-3397 : ill <https://doi.org/10.1007/s00216-013-6755-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Capital flows and growth dynamics in Central and Eastern Europe

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

Capturing the 'true' information content of supervisory announcements in Europe

Laidroo, Laivi The European journal of finance 2022 / p. 1917-1939 <https://doi.org/10.1080/1351847X.2022.2029523> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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 isotope chemostratigraphy and conodonts of the Middle-Upper Ordovician succession in the Tungus Basin, Siberian Craton

Ainsaar, Leho; Männik, Peep; Dronov, Andrei V.; Izokh, Olga P.; Meidla, Tõnu; Tinn, Oive Palaeoworld 2015 / p. 123-135 : ill <https://doi.org/10.1016/j.palwor.2015.03.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Carbon prices for meeting the Paris agreement and their impact on key metals

Tost, Michael; Hitch, Michael William; Lutter, Stephan; Feiel, Susanne; Moser, Peter The extractive industries and society 2020 / p. 593-599 <https://doi.org/10.1016/j.exis.2020.01.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Carbon sources influence Fumonisin production in *Fusarium proliferatum*

Li, Taotao; Gong, Liang; Jiang, Guoxiang; Wang, Yong; Gupta, Vijai Kumar; Qu, Hongxia; Duan, Xuewu; Wang, Jiasheng; Jiang, Yueming Proteomics 2017 / art. 1700070, 15 p. : ill <https://doi.org/10.1002/pmic.201700070> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

13C- and 15N-labeling of amyloid- β and inhibitory peptides to study their interaction via nanoscale infrared spectroscopy

Paul, Suman; Jenišťová, Adéla; Vosough, Faraz; Berntsson, Elina; Mörmann, Cecilia; Jarvet, Jüri; Gräslund, Astrid; Wärmländer, Sebastian K.T.S.; Barth, Andreas Communications Chemistry 2023 / art. 163 <https://doi.org/10.1038/s42004-023-00955-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Carbonate shelf development and early Paleozoic benthic diversity in Baltica : a hierarchical diversity partitioning approach using brachiopod data

Penny, Amelia; Hints, Olle; Kröger, Björn Paleobiology 2022 / p. 44-64 <https://doi.org/10.1017/pab.2021.3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Carbonation and leaching behaviors of cement-free monoliths based on high-sulfur fly ashes with the incorporation of amorphous calcium aluminate

Usta, Mustafa Cem; Yörük, Can Rüstü; Uibu, Mai; Traksmaa, Rainer; Hain, Tiina; Gregor, Andre; Trikkel, Andres ACS omega 2023 / p. 29543-29557 : ill <https://doi.org/10.1021/acsomega.3c03286> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Carbonyl hypoiodites from pivalic and trimesic acid and their silver(i) intermediates

Ward, Jas S.; **Martónova, Jevgenija**; Wilson, Laura M. E.; Kramer, Eric; **Aav, Riina**; Rissanen, Kari Dalton Transactions 2022 / p. 14646-14653 <https://doi.org/10.1039/D2DT01988D> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [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](#)

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

Kalda, Mari; **Vendelin, Marko** Scientific reports 2020 / art. 5530, 13 p. : ill <https://doi.org/10.1038/s41598-020-62452-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cardiomyocytes from female compared to male mice have larger ryanodine receptor clusters and higher calcium spark frequency

Laasmaa, Martin; **Branovets, Jelena**; **Stolova, Jekaterina**; Shen, Xin; **Rätsepso, Triinu**; **Balodis, Mihkel Jaan**; **Grahv, Cärolin**; **Hendrikson, Eliise**; Louch, William Edward; **Birkedal Nielsen, Rikke**; **Vendelin, Marko** Journal of Physiology 2023 / p. 4033-4052 : ill <https://doi.org/10.1113/JP284515> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cardiovascular risk in patients with chronic obstructive pulmonary disease : management and life quality

Sereda, Vitaly; **Salmistu, Sirle**; Merisalu, Eda; Demikhov, Aleksii; Yezhova, Olha; Bokova, Svitlana; **Demikhova, Nadiia** Azerbaijan Medical Journal 2024 / p. 103 - 110 <https://doi.org/10.34921/amj.2024.1.016> [Journal metrics at Scopus](#) [Article at Scopus](#)

Carrier collection losses in interface passivated amorphous silicon thin-film solar cells

Neumüller, A.; **Bereznev, Sergei**; Ewert, M.; **Volobujeva, Olga** Applied physics letters 2016 / p. 043903-1 - 043903-4 : ill <https://doi.org/10.1063/1.4959995> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Carrie's first academic conference — on the possibilities of feminist storytelling and fiction in management

Winter Kurchik, Madison Gender, Work & Organization 2023 / p. 2119 - 2129 <https://doi.org/10.1111/gwao.13022> [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](#)

Cascade sub-low temperature district heating networks in existing district heating systems

Volkova, Anna; Reuter, Stefan; Puschnigg, Stefan Smart Energy 2022 / art. 100064 <https://doi.org/10.1016/j.segy.2022.100064> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

The case of the UK's Government Digital Service : the professionalisation of a paradigmatic public digital agency

Kattel, Rainer; Takala, Ville Digital government : research and practice 2023 / art. 28 <https://doi.org/10.1145/3630024>

Case study comparison of bubbling fluidised bed and grate-fired biomass combined heat and power plants

Rummel, Leo; **Paist, Aadu** Chemical engineering transactions 2016 / p. 1147-1152 : ill <https://doi.org/10.3303/CET1652192> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Case study of non-linear PV inverter devices attached to the LV distribution network

Vinnal, Toomas; **Puusepp, Hardi**; **Shabbir, Noman**; **Kütt, Lauri**; **Iqbal, Muhammad Naveed** Agronomy research 2020 / p. 2639-2652 : ill <https://doi.org/10.15159/AR.20.233> <https://dspace.emu.ee/xmlui/handle/10492/5955> [Journal metrics at Scopus](#) [Article at Scopus](#)

A case study of optimising energy storage dispatch : convex optimisation approach with degradation considerations

Vaicys, Jonas; Gudžius, Saulius; Jonaitis, Audrius; Rackiene, Roma; **Blinov, Andrei**; Pefitsis, Dimosthenis Journal of energy storage 2024 / art. 112941 <https://doi.org/10.1016/j.est.2024.112941> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A case study on microlitter and chemical contaminants: Assessing biological effects in the southern coast of the Gulf of Finland (Baltic sea) using the mussel *Mytilus trossulus* as a bioindicator

Kuprijanov, Ivan; Buhhalko, Natalja; Eriksson, Ulrika; Sjöberg, Viktor; Rotander, Anna; **Kolesova, Natalja; Lipp, Maarja; Buschmann, Fred;** Hashmi, Arslan; **Liblik, Taavi;** Lehtonen, Kari K. Marine environmental research 2024 / art. 106628

<https://doi.org/10.1016/j.marenvres.2024.106628> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A case study on the spatial variability of strength in a SFRSCC slab and its correlation with fibre orientation

Kartofelev, Dmitri; Goidyk, Oksana; Herrmann, Heiko Proceedings of the Estonian Academy of Sciences 2020 / p. 298-310 : ill

<https://doi.org/10.3176/proc.2020.4.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Case-control study on occupational exposure to extremely low-frequency electromagnetic fields and glioma risk

Carlberg, Michael; **Koppel, Tarmo;** Ahonen, Mikko; Hardell, Lennart American journal of industrial medicine 2017 / p. 494-503 : ill

<https://doi.org/10.1002/ajim.22707> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Case-control study on occupational exposure to extremely low-frequency electromagnetic fields and the association with acoustic neuroma

Carlberg, Michael; **Koppel, Tarmo;** Ahonen, Mikko; Hardell, Lennart Environmental research 2020 / art. 109621, 7 p. : ill

<https://doi.org/10.1016/j.envres.2020.109621> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Carlberg, Michael; **Koppel, Tarmo;** Ahonen, Mikko; Hardell, Lennart BioMed research international 2018 / 6 p. : ill

<https://doi.org/10.1155/2018/5912394> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Caseins from bovine colostrum and milk strongly bind piscidin-1, an antimicrobial peptide from fish

Kütt, Mary-Liis; Stagsted, Jan International journal of biological macromolecules 2014 / p. 364-372 : ill

<https://doi.org/10.1016/j.ijbiomac.2014.06.063> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Case-study analysis of concrete large-panel apartment building at pre- and post low-budget energy-renovation

Kuusk, Kalle; Kalamees, Targo; Link, Siim; Ilomets, Simo; Mikola, Alo Journal of civil engineering and management 2017 / p. 67-

75 : ill <https://doi.org/10.3846/13923730.2014.975741> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A catalase-related hemoprotein in coral is specialized for synthesis of short-chain aldehydes : discovery of P450-type hydroperoxide lyase activity in a catalase

Teder, Tarvi; Lõhelaid, Helike; Boeglin, William E.; Calcutt, Wade M.; Brash, Alan R.; **Samel, Nigulas** Journal of biological chemistry 2015 / p. 19823-19832 : ill

<https://doi.org/10.1074/jbc.M115.660282> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Link, Siim; Tran, Khanh-Quang; Bach, Quang-Vu; Yrjas, Patrik; **Rosin, Argo** Energy 2018 / p. 906-913

<https://doi.org/10.1016/j.energy.2018.04.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Causality and interpretation : a new design model inspired by the Aristotelian legacy

Pikas, Ergo; Koskela, Lauri; Seppänen, Olli Construction management and economics 2022 / p. 507-525 : ill

<https://doi.org/10.1080/01446193.2021.1934884> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Causality in strain gradient elasticity: An internal variables approach

Berezovski, Arkadi Mechanics research communications 2022 / art. 103997 <https://doi.org/10.1016/j.mechrescom.2022.103997>

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

Causes of the extensive hypoxia in the Gulf of Riga in 2018

Stoicescu, Stella-Theresa; Laanemets, Jaan; Liblik, Taavi; Skudra, Maris; **Samlas, Oliver; Lips, Inga; Lips, Urmas**

Biogeosciences 2022 / p. 2903-2920 <https://doi.org/10.5194/bg-19-2903-2022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cavitation resistance of WC-10Co4Cr and WC-20CrC-7Ni HVOF coatings

Korobov, Yuri; Alwan, H.; Soboleva, Natalia; **Antonov, Maksim** Journal of Thermal Spray Technology 2022 / p. 234-246

<https://doi.org/10.1007/s11666-021-01242-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

The CB₁ cannabinoid receptor signals striatal neuroprotection via a PI3K/Akt/mTORC1/BDNF pathway

Blazquez, C.; Chiarlone, A.; **Pruunsild, Priit**; **Timmusk, Tõnis** Cell death and differentiation 2015 / p. 1618-1629 : ill <https://doi.org/10.1038/cdd.2015.11> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

CCL5/CCR1 axis regulates multipotency of human adipose tissue derived stromal cells

Kauts, Mari-Liis; Pihelgas, Susan; Orro, Kadri; **Neuman, Toomas**; Piirsoo, Alla Stem Cell Research 2013 / p. 166 - 178 <https://doi.org/10.1016/j.scr.2012.11.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

CCM and DCM analysis of Quasi-Z-Source derived push-pull DC/DC converter

Chub, Andrii; **Husev, Oleksandr**; **Blinov, Andrei**; **Vinnikov, Dmitri** Journal of microelectronics, electronic components and materials 2014 / p. 224-234 : ill [http://www.midem-drustvo.si/Journal%20papers/MIDEM_44\(2014\)3p224.pdf](http://www.midem-drustvo.si/Journal%20papers/MIDEM_44(2014)3p224.pdf) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

CdSe nanofiber and nanohorn structures on ITO substrates fabricated by electrochemical deposition

Kois, Julia; **Gurevičš, Jelena**; **Bereznev, Sergei**; **Volobujeva, Olga**; **Öpik, Andres**; **Mellikov, Enn** Applied surface science 2013 / p. 982-985 : ill <https://doi.org/10.1016/j.apsusc.2013.07.056> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cell type-specific labelling of newly synthesized proteins by puromycin inactivation

Cabrera-Cabrera, Florencia; **Tull, Helena**; **Capuana, Roberta**; Kasvandik, Sergio; **Timmusk, Tõnis**; **Koppel, Indrek** Journal of biological chemistry 2023 / art. 105129, 12 p. : ill <https://doi.org/10.1016/j.jbc.2023.105129> [Journal metrics at Scopus](#) [Article at Scopus](#)

Cellular structures from perforated metallic tape and its application for electromagnetic shielding solutions

Mironovs, V.; Lisicins, Mihails; **Koppel, Tarmo** Agronomy research 2014 / p. 279-284 : ill <https://agronomy.emu.ee/tag/including-built-in-buildings-coll-et-al/> [Journal metrics at Scopus](#) [Article at Scopus](#)

Cellular tubular structures from perforated metallic tape and its application

Mironovs, Viktors; Boiko, Irina; **Koppel, Tarmo**; Lisicins, Mihails Agronomy research 2016 / p. 1053-1062 : ill http://ise.elnet.ee/record=b2891944~S1*est [Journal metrics at Scopus](#) [Article at Scopus](#)

Cellular, extracellular and extracellular vesicular miRNA profiles of pre-ovulatory follicles indicate signaling disturbances in polycystic ovaries

Rooda, Ilmatar; Hasan, Mohammed Mehedi; **Roos, Kristine**; Viil, Janeli; **Smolander, Olli-Pekka**; **Velthut-Meikas, Agne** International journal of molecular sciences 2020 / art. 9550, 23 p. : ill <https://doi.org/10.3390/ijms21249550> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Varbla, Sander; **Ellmann, Artu**; **Puust, Raido** Automation in Construction 2021 / art. 103787 <https://doi.org/10.1016/j.autcon.2021.103787> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Centimetre-scale variability of redox-sensitive elements in Tremadocian black shales from the eastern Baltic Palaeobasin

Hints, Rutt; **Soesoo, Alvar**; **Voolma, Margus**; **Tarros, Siim**; **Kallaste, Toivo**; **Hade, Sigrid** Estonian journal of earth sciences 2014 / p. 233-239 : ill https://artiklid.elnet.ee/record=b2705856*est <https://doi.org/10.3176/earth.2014.24> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Central decisions, decentralized solutions : comparing the implications of central cutback policy for the agency level in Estonia and Latvia

Savi, Riin; **Cepilovs, Aleksandrs** Journal of comparative policy analysis : research and practice 2017 / p. 139-154 : tab <https://doi.org/10.1080/13876988.2015.1126946> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Hardell, Lennart; Carlberg, Michael; **Koppel, Tarmo** Medical hypotheses 2020 / art. 110052, 6 p. : ill <https://doi.org/10.1016/j.mehy.2020.110052> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cereal and confectionary packaging : assessment of sustainability and environmental impact with a special focus on greenhouse gas emissions

Krauter, Victoria; Bauer, Anna-Sophia; Milousi, Maria; Dörnyei, Krisztina Rita; Ganczewski, Greg; **Leppik, Kärt**; Krepil, Jan;

Varzakas, Theodoros Foods 2022 / art. 1347 <https://doi.org/10.3390/foods11091347> [Journal metrics at Scopus](#) [Article at Scopus](#)
[Journal metrics at WOS](#) [Article at WOS](#)

Cereal and confectionary packaging: background, application and shelf-life Extension

Bauer, Anna-Sophia; **Leppik, Kärt**; Galic, Kata Foods 2022 / art. 697 <https://doi.org/10.3390/foods11050697> [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cermets with Fe-alloy binder : a review

Kübarsepp, Jakob; **Juhani, Kristjan** International journal of refractory metals and hard materials 2020 / art. 105290, 25 p. : ill
<https://doi.org/10.1016/j.jrmhm.2020.105290> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Certified normalization of generalized traces

Maarand, Hendrik; **Uustalu, Tarmo** Innovations in Systems and Software Engineering 2019 / p. 253–265
<https://doi.org/10.1007/s11334-019-00347-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cervical cancer screening history among women diagnosed with cervical cancer in Estonia 2017-18

Orumaa, Madleen; **Innos, Kaire**; Suurna, Maria; Veerus, Piret The European Journal of Public Health 2023 / p. 64-68
<https://doi.org/10.1093/eurpub/ckac176>

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 comparison of the influence of casting of samples on the fiber orientation distribution

Goidyk, Oksana; **Heinštein, Mark**; **Herrmann, Heiko** Fibers 2023 / art. 6 <https://doi.org/10.3390/fib11010006> [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](#)

The challenge of comparing pollen-based quantitative vegetation reconstructions with outputs from vegetation models - a European perspective

Dallmeyer, Anne; **Poska, Anneli**; Marquer, Laurent; Seim, Andrea; Gaillard, Marie-José Climate of the Past 2023 / p. 1531 - 1557
<https://doi.org/10.5194/cp-19-1531-2023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Challenge-driven innovation policy : towards a new policy toolkit

Mazzucato, Mariana; **Kattel, Rainer**; Ryan-Collins, Josh Journal of industry, competition and trade 2020 / p. 421-437
<https://doi.org/10.1007/s10842-019-00329-w>

Challenges and 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 and perspectives of nature-based wastewater treatment and reuse in rural areas of Central and Eastern Europe

Istenič, Darja; Bodík, Igor; **Merisaar, Maret**; Gajewska, Magdalena; Šereš, Michal; Griessler Bulc, Tjaša Sustainability (Switzerland) 2023 / art. 8145 <https://doi.org/10.3390/su15108145> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Challenges and strategies for bio-based and biodegradable plastic waste management in Europe

Stasiškienė, Žaneta; Barbir, Jelena; Draudvilienė, Lina; Chong, Zhi Kai; Kuchta, Kerstin; **Voronova, Viktoria**; Leal Filho, Walter Sustainability (Switzerland) 2022 / art. 16476 <https://doi.org/10.3390/su142416476> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Challenges in mechanistic investigation of a flexible aminocatalyst as demonstrated through enamine formation

Osadchuk, Irina; **Kanger, Tõnis** ChemistryOpen 2025 / art. 2500116 <https://doi.org/10.1002/open.202500116> <https://chemistry-europe.onlinelibrary.wiley.com/doi/10.1002/open.202500116>

Challenges in noninvasive skin biomarker measurements in daily practice : a longitudinal study on skin surface protein detection by the transdermal analysis patch in pediatric psoriasis

Schaap, Mirjam J.; Bruins, Finola M.; Van Den Brink, Noa J.M.; **Orro, Kadri**; Groenewoud, Hans M.M.; De Jong, Elke M.G.J.; Van Den Bogaard, Ellen H.; Seyger, Marieke M.B. *Skin Pharmacology and Physiology* 2022 / p. 319 - 327 <https://doi.org/10.1159/000527258> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 applying e-learning in the libyan higher education system

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

Challenges of civic engagement in the (post-socialist) transitional society: experiences from waterfront urban areas Mezapark in Riga and Kalarand in Tallinn

Prilenska, Viktorija; Paadam, Katrin; Liias, Roode *Journal of architecture and urbanism* 2020 / p. 109-121 <https://doi.org/10.3846/jau.2020.12223> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Challenges of microgrids in remote communities: a STEEP model application

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

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

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

Challenges to the European single market at thirty : renationalisation, resilience, or renewed integration?

Raudla, Ringa; Spendzharova, Aneta *Journal of European Integration* 2022 / p. 1-17 <https://doi.org/10.1080/07036337.2021.2011263> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

A chameleon algorithm for solving economic dispatch problem in microgrid system

Zahraoui, Younes; Alhamrouni, Ibrahim; Mekhilef, Saad; **Korōtko, Tarmo**; Jusoh, Awang; Sutikno, Tole *Bulletin of electrical engineering and informatics* 2023 / p. 1982-1992 : ill <https://doi.org/10.11591/eei.v12i4.4700> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

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

Change in the carbon footprint of Iranians' food consumption from 1961 to 2019 : a decomposition analysis of drivers

Bashiri, Behzad; Zehtabvar, Mehraz; Gavrilova, O.; **Vilu, Raivo** *Agronomy research* 2023 / p. 428-438 : ill <https://doi.org/10.15159/AR.23.018> [Journal metrics at Scopus](#) [Article at Scopus](#)

Change management in the context of decision-making behaviour of local politicians regarding inter-municipal cooperation : a look at the example of destination management

Gerstlberger, Wolfgang Dieter; Wahl, Mike Franz; Baumann, Bernhard *Scientific papers of the University of Pardubice, series D : Faculty of economics and administration* 2023 / art. 1854 <https://doi.org/10.46585/sp31021854> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Changes in blood B cell-activating factor (BAFF) levels in multiple sclerosis : a sign of treatment outcome

Kannel, Karin; Alnek, Kristi; Vahter, Liina; **Gross-Paju, Katrin**; Uibo, Raivo; Kisand, Kalle V. *PLoS ONE* 2015 / art. e0143393 <https://doi.org/10.1371/journal.pone.0143393> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Changes in heavy metal concentrations in the sediments of the Gulf of Finland over two decades

Vallius, Henry; **Alliksaar, Tiit**; Suuroja, Sten *Estonian journal of earth sciences* 2022 / p. 177-188 : ill <https://doi.org/10.3176/earth.2022.12> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Changes in sovereign debt dynamics in Central and Eastern Europe

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

Changes in the heating load of domestic hot water and its impact on the design of the district heating network

Kõiv, Teet-Andrus; Kovšikov, Aleksandr *WSEAS transactions on environment and development* 2015 / p. 108-115 : ill

Changes in the transcriptome of the human endometrial Ishikawa cancer cell line induced by estrogen, progesterone, tamoxifen, and mifepristone (RU486) as detected by RNA-sequencing

Tamm-Rosenstein, Karin; Simm, Jaak; Suhorutšenko, Marina; Salumets, Andres; **Metsis, Madis** PLoS ONE 2013 / p. 1-13 : ill <https://doi.org/10.1371/journal.pone.0068907> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Changes in trace element contents in ashes of oil shale fueled PF and CFB boilers during operation

Reinik, Janek; Irha, Natalya; Steinnes, Eiliv; Urb, Gary; Jefimova, Jekaterina; Piirisalu, Eero; **Loosaar, Jüri** Fuel Processing Technology 2013 / p. 174 - 181 <https://doi.org/10.1016/j.fuproc.2013.06.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Changes in trait divergence and convergence along a productivity gradient in wet meadows

Carboni, Marta; de Bello, Francesco; Janeček, Štěpán; Doležal, Jirí; Horník, Jan; Lepš, Jan; **Reitalu, Triin;** Klimešová, Jitka Agriculture, ecosystems and environment 2014 / p. 96-105 : ill <https://doi.org/10.1016/j.agee.2013.12.014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Changing of magnetic flux density distribution in a squirrel-cage induction motor with broken rotor bars

Vaimann, Toomas; Belahcen, Anouar; Kallaste, Ants Elektronika ir elektrotehnika = Electronics and electrical engineering 2014 / p. 11-14 : ill <https://doi.org/10.5755/j01.eee.20.7.8018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Changing public service delivery : learning in co-creation

Voorberg, William; Bekkers, Victor; Timeus, Krista; **Tönurist, Piret;** Tummers, Lars Policy and Society 2017 / p. 178-194 : ill <https://doi.org/10.1080/14494035.2017.1323711> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterisation of chemical, microbial and sensory profiles of commercial kombuchas

Andreson, Maret; Kazantseva, Jekaterina; **Kuldjärv, Rain;** Malv, Esther; **Vaikma, Helen;** Kaleda, Aleksei; Kütt, Mary-Liis; **Vilu, Raivo** International journal of food microbiology 2022 / art. 109715 <https://doi.org/10.1016/j.ijfoodmicro.2022.109715> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterisation of the aroma profiles of different honeys and corresponding flowers using solid-phase microextraction and gas chromatography-mass spectrometry/olfactometry

Seisonen, Sirli; Kivima, Evelin; Vene, Kristel Food chemistry 2015 / p. 34-40 : ill <https://doi.org/10.1016/j.foodchem.2014.07.125> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterisation of TiC-NiMo reinforced Ni-based hardfacing

Zikin, Arkadi; Badisch, Ewald; **Hussainova, Irina;** Tomastik, C.; Danninger, Herbert Surface & coatings technology 2013 / p. 36-44 : ill <https://www.sciencedirect.com/science/article/pii/S0257897213001825> <https://doi.org/10.1016/j.surfcoat.2013.02.027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterising local environments in high energy density Li-ion battery cathodes: A combined NMR and first principles study of LiFe_{0.9}Co_{0.1}xPO₄

Strobridge, Fiona C.; Middlemiss, Derek S.; Pell, Andrew J.; Leskes, Michal; Clément, Raphaële J.; Pourpoint, Frédérique; Lu, Zhongguang; Hanna, John V.; Pintacuda, Guido; **Samson, Ago** Journal of materials chemistry A 2014 / p. 11948-11957 : ill <https://doi.org/10.1039/c4ta00934g> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characteristics and inter-annual changes in temperature, salinity and density distribution in the Gulf of Riga

Skudra, Maris; Lips, Urmas Oceanologia 2017 / p. 37-48 : ill <https://doi.org/10.1016/j.oceano.2016.07.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characteristics of cyclones causing extreme sea levels in the northern Baltic Sea

Post, Piia; **Kõuts, Tarmo** Oceanologia 2014 / p. 241-258 <https://doi.org/10.5697/oc.56-2.241> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterization and changes in the thermal behavior of the phosphorite sample from Toolse deposit (Estonia) along the drill-core

Kaljuvee, Tiit; Tõnsuaadu, Kaia; Kallaste, Toivo; Graul, Sophie; Hints, Rutt; Kivimäe, Eliise-Koidula; Petkova, Vilma; **Triikkel, Andres** Journal of thermal analysis and calorimetry 2024 / p. 12651 - 12664 <https://doi.org/10.1007/s10973-024-13655-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 of ash melting of reed and wheat straw blend

Link, Siim; Yrjas, Patrik; Lindberg, Daniel; **Trikkel, Andres** ACS omega 2022 / p. 2137-2146 : ill

<https://doi.org/10.1021/acsomega.1c05087> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterization of bitter off-taste stimuli in sunflower press cake using the sensomics approach

Huseynli, Lachinkhanim; Gigl, Michael; Müller, Jasmin; Walser, Christoph; Frank, Oliver; **Vene, Kristel**; Dawid, Corinna Journal of agricultural and food chemistry 2025 / p. 23548-23559 <https://doi.org/10.1021/acs.jafc.5c07283>

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 Estonian honeys by botanical origin

Kivima, Evelin; Seiman, Andrus; **Pall, Raili**; **Sarapuu, Evelyn**; **Martverk, Kaie**; **Laos, Katrin** Proceedings of the Estonian Academy of Sciences 2014 / p. 183-192 : ill https://artiklid.elnet.ee/record=b2673977*est <https://doi.org/10.3176/proc.2014.2.08> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterization of FeS₂ pyrite microcrystals synthesized in different flux media

Kristmann, Katriin; **Raadi, Taavi**; **Altosaar, Mare**; **Danilson, Mati**; **Krustok, Jüri**; Paaver, Peeter; Butenko, Yuriy Materials advances 2023 / p. 1565 - 1575 <https://doi.org/10.1039/D3MA00697b> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterization of gas-atomized equiatomic AlCoCrFeNi powder for additive manufacturing

Karimi, Javad; **Kollo, Lauri**; **Prashanth, Konda Gokuldoss** Metallurgical and materials transactions A : Physical metallurgy and materials science 2023 / p. 3417-3424 : ill <https://doi.org/10.1007/s11661-023-07129-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterization of new allele influencing flowering time in bread wheat introgressed from Triticum militinae

Ivaničova, Zuzana; **Jakobson, Irena**; **Reis, Diana**; **Järve, Kadri** New biotechnology 2016 / p. 718-727 : ill <https://doi.org/10.1016/j.nbt.2016.01.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterization of odor-active compounds of various pea preparations by GC-MS, GC-O, and their correlation with sensory attributes

Zhogoleva, Aleksandra; **Alas, Maria**; Rosenvald, Sirli Future foods 2023 / art. 100243, 14 p. : ill <https://doi.org/10.1016/j.fufo.2023.100243> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterization of oil shale kerogen semi-coke and its application to remove chemical pollutants from aqueous solutions

Lees, Heidi; **Jõul, Piia**; **Pikkor, Heliis**; **Järvik, Oliver**; **Mets, Birgit**; **Konist, Alar** Oil shale 2023 / p. 115-132 : ill <https://doi.org/10.3176/oil.2023.2.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterization of organosolv lignins and their application in the preparation of aerogels

Jõul, Piia; **Ho, Thi Thuy Tran**; **Kallavus, Urve**; **Konist, Alar**; **Leiman, Kristiina**; **Salm, Olivia-Stella**; **Kulp, Maria**; **Koel, Mihkel**; **Lukk, Tiit** Materials 2022 / art. 2861 <https://doi.org/10.3390/ma15082861> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Characterization of protein-protein interfaces in large complexes by solid-state NMR solvent paramagnetic relaxation enhancements

Öster, Carl; Kosol, Simone; Hartlmüller, Christoph; Lamley, Jonathan M.; Iuga, Dinu; **Oss, Andres**; **Org, Mai-Liis**; **Vanatalu, Kalju**; **Samoson, Ago**; Madl, Tobias; Lewandowski, Jozef R. Journal of the American Chemical Society 2017 / p. 12165-12174 : ill <https://doi.org/10.1021/jacs.7b03875> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterization of tetrahedrite Cu₁₀Cd₂Sb₄S₁₃ monograin materials grown in molten Cd₂ and LiI

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 the complete genome of oat sterile dwarf virus : a fijivirus occurring in the temperate climate zone of Europe

Oja, Tatjana; Sooväli, Pille; Sõmera, Merike Archives of virology 2023 / art. 259 <https://doi.org/10.1007/s00705-023-05890-8> [Journal metrics at Scopus](#) [Article at Scopus](#)

Characterization of the ensemble of lignin-remodeling DyP-type Peroxidases from *Streptomyces coelicolor* A3(2)

Pupart, Hegne; Jõul, Piia; Bramanis, Melissa Ingela; Lukk, Tiit *Energies* 2023 / art. 1557, 15 p. : ill

<https://doi.org/10.3390/en16031557> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterization of the municipal plastic and multilayer packaging waste in three cities of the Baltic states

Lyshtva, Pavlo; Torkelis, Arturas; Kobets, Yaroslav; Carpio-Vallejo, Estefania; Dobri, Andrea; Barbir, Jelena; Voronova, Viktoria; Denafas, Gintaras; Kliucininkas, Linas *Sustainability* 2025 / art. 986 <https://doi.org/10.3390/su17030986>

Characterization of the nuclear matrix targeting sequence (NMTS) of the BPV1 E8/E2 protein - the shortest known NMTS

Sankovski, Eve; Karro, Kristiina; Sepp, Mari; Kurg, Reet; Ustav, Mart; Abro, Aare *Nucleus* 2015 / p. 289-300 : ill

<https://doi.org/10.1080/19491034.2015.1074359> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterization of the optical spectrum as a service

Kaeval, Kaida; Jansen, Sander Lars; Spinty, Florian; Grobe, Klaus; Griesser, Helmut; Fehenberger, Tobias; Tikas, Marko; Jervan, Gert *Journal of Optical Communications and Networking* 2022 / p. 398-410 <https://doi.org/10.1364/JOCN.454158> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterization of the pyrolytic water from shale oil industry

Maaten, Birgit; Järvik, Oliver; Loo, Lauri; Konist, Alar; Siirde, Andres *Oil shale* 2018 / p. 365-374 : ill

http://kirj.ee/public/oilshale_pdf/2018/issue_4/OS-2018-4-365-374.pdf <https://doi.org/10.3176/oil.2018.4.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterization of the vaginal micro- and mycobiome in asymptomatic reproductive-age Estonian women

Drell, Tiina; Lillsaar, Triin; Tummleht, Lea; Simm, Jaak; Aaspõllu, Anu; Väin, Edda; Saarma, Ivo; Salumets, Andres; Donders, Gilbert G. G.; Metsis, Madis *PLoS ONE* 2013 / p. 1-11 : ill <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0054379>

<https://doi.org/10.1371/journal.pone.0054379> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterization of TiC-FeCrMn cermets produced by powder metallurgy method

Kolnes, Märt; Kübarsepp, Jakob; Kollo, Lauri; Viljus, Mart *Medžiagotyra = Materials science* 2015 / p. 353-357 : ill

<https://doi.org/10.5755/j01.ms.21.3.7364> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterization of Uranyl (UO₂²⁺) ion binding to Amyloid Beta (A β) peptides : effects on A β structure and aggregation

Berntsson, Elina; Vosough, Faraz; Noormägi, Andra; Padari, Kärt; Asplund, Fanny; Gielnik, Maciej; Paul, Suman; Jarvet, Jüri; Tõugu, Vello; Palumaa, Peep *ACS chemical neuroscience* 2023 / p. 2618-2633 : ill <https://doi.org/10.1021/acschemneuro.3c00130>

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

Characterizing energy flexibility of buildings with electric vehicles and shiftable appliances on single building level and aggregated level

Azizi, Elnaz; Ahmadihangar, Roya; Rosin, Argo; Bolouki, Sadegh *Sustainable cities and society* 2022 / art. 103999

<https://doi.org/10.1016/j.scs.2022.103999> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Characterizing the bond properties of automatically placed helical reinforcement in 3D printed concrete

Hass, Lauri; Bos, F.P.; Salet, T.A.M. *Construction and building materials* 2022 / art. 129228, 16 p. : ill

<https://doi.org/10.1016/j.conbuildmat.2022.129228> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Charge Diagnostics and State Estimation of Battery Energy Storage Systems Through Transformer Models

Zequera, Rolando Antonio Gilbert; Rassõlkin, Anton; Vaimann, Toomas; Kallaste, Ants *IEEE Access* 2025 / p. 17733–17744 : ill <https://doi.org/10.1109/ACCESS.2025.3532858>

Charging infrastructure planning for electric vehicle in India : present status and future challenges

Sachan, Sulabh; Singh, Praveen Prakash *Regional Sustainability* 2022 / p. 335 - 345 <https://doi.org/10.1016/j.regsus.2022.11.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Charles S. Peirce and the medieval doctrine of consequentiae

Bellucci, Francesco *History and philosophy of logic* 2016 / p. 244-268 <https://doi.org/10.1080/01445340.2015.1118338> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Charring performance of timber structures protected by traditional lime-based plasters

Liblik, Johanna; Nurk, Meeri; Just, Alar *Construction and building materials* 2022 / art. 128572

<https://doi.org/10.1016/j.conbuildmat.2022.128572> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Bakkar, Yassine; Rugemintwari, Clovis; Tarazi, Amine Applied Economics 2020 / p. 3898 - 3918

<https://doi.org/10.1080/00036846.2020.1725234> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Charting the intellectual structure of customer experience research

Kumar, Prashant; **Hollebeek, Linda Desiree;** Kar, Arpan Kumar; **Kukk, Jana** Marketing Intelligence & Planning 2023 / p. 31-47

<https://doi.org/10.1108/MIP-05-2022-0185> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

ChatGPT for founding teams : an entrepreneurial pedagogical innovation

Hammoda, Basel Osama Sayed Ahmed International journal of technology in education 2024 / p. 154-173

<https://doi.org/10.46328/ijte.530>

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

Kukk, Merike; Paulus, Alari; Staehr, Karsten International tax and public finance 2020 / p. 363-390 <https://doi.org/10.1007/s10797-019-09562-9>

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

Chemical and functional properties of myofibrillar protein from selected species of trash fish

Anam, Choirul; Atoum, Manar Fayiz Mousa; Harini, Noor; Damat, Damat; Setyobudi, Roy Hendroko; Wahyudi, Ahmad; Pamujiati, Agustia Dwi; Kuswardhani, Nita; Witono, Yuli; **Liblik, Taavi** Jordan Journal of Biological Sciences 2023 / p. 267-277 : ill

<https://doi.org/10.54319/jjbs/160211> [Journal metrics at Scopus](#) [Article at Scopus](#)

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 bath deposition of SnS thin films on ZnS and CdS substrates

Safonova, Maria; Nair, Padmanabhan Pankajakshy Karunakaran; **Mellikov, Enn;** Garcia, A. R.; **Kerm, Karin;** **Revathi, Naidu;** Romann, Tavo; **Mikli, Valdek;** **Volobujeva, Olga** Journal of materials science : materials in electronics 2014 / p. 3160-3165 : ill

<https://doi.org/10.1007/s10854-014-1998-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Kapp, Karmen; Püssa, Tõnu; **Orav, Anne;** Roasto, Mati; Raal, Ain; Vuorela, Pia; Vuorela, Heikki; Tammela, Päivi Natural product communications 2020 / 14 p <https://doi.org/10.1177/1934578X20977615>

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

Chemical composition of essential oil of common juniper (Juniperus communis L.) branches from Estonia

Raal, Ain; Komarov, Rostislav; **Orav, Anne;** Kapp, Karmen; Grytsyk, Andriy; Koshovyi, Oleh ScienceRise: Pharmaceutical Science

2022 / p. 66 - 73 <https://doi.org/10.15587/2519-4852.2022.271048> [Journal metrics at Scopus](#) [Article at Scopus](#)

Chemical composition of red wines made from hybrid grape and common grape (Vitis vinifera L.) cultivars

Pedastsaar, Priit; **Vaher, Merike;** **Helmja, Kati;** **Kulp, Maria;** **Kaljurand, Mihkel;** Karp, Kadri; Raal, Ain; Karathanos, Vaios; Püssa, Tõnu Proceedings of the Estonian Academy of Sciences 2014 / p. 444-453 : ill https://artiklid.elnet.ee/record=b2707387*est

<https://doi.org/10.3176/proc.2014.4.10> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chemical composition of the mineral matter of the Attarat Um Ghudran oil shale, Central Jordan

Puura, Väino; **Soesoo, Alvar;** **Voolma, Margus;** **Hade, Sigrid;** Aosaar, Hardi Oil shale 2016 / p. 18-30 : ill

https://artiklid.elnet.ee/record=b2760695*est <https://doi.org/10.3176/oil.2016.1.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chemical etching of tetrahedrite Cu₁₀Cd₂Sb₄S₁₃ monograin powder materials for solar cell applications

Ghisani, Fairouz; **Timmo, Kristi;** **Altosaar, Mare;** **Mikli, Valdek;** **Danilson, Mati;** **Grossberg, Maarja;** **Kauk-Kuusik, Marit**

Materials science in semiconductor processing 2022 / art. 106291 <https://doi.org/10.1016/j.mssp.2021.106291> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chemical weathering east and west of the emerging Caledonides in the Silurian – Early Devonian, with implications for climate

Kiipli, Enli; **Kiipli, Tarmo;** **Kallaste, Toivo;** **Märss, Tiit** Canadian journal of earth sciences 2016 / p. 774-780 : ill

<https://doi.org/10.1139/cjes-2015-0156> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chemistry as a practical science : Edward Caldin revisited

Mürsepp, Peeter Foundations of chemistry 2016 / p. 113-123 <https://doi.org/10.1007/s10698-015-9244-x>

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

Chemistry as a practical science (Edward Caldin revisited)

Müürsepp, Peeter Foundations of chemistry 2016 / p. 213-223 <https://doi.org/10.1007/s10698-016-9257-0> [Journal metrics at Scopus](#)
[Article at scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chemistry as the basic science

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

Chemosystematic markers for the essential oils in leaves of Mentha species cultivated or growing naturally in Estonia

Orav, Anne; Kapp, Karmen; Raal, Ain Proceedings of the Estonian Academy of Sciences 2013 / p. 175-186
https://artiklid.elnet.ee/record=b2624901*est <https://doi.org/10.3176/proc.2013.3.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

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

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

Children's Right to Healthy Food and the Digital Market

Joamets, Kristi TalTech journal of European studies 2024 / p. 240-253 <https://doi.org/10.2478/bjes-2024-0024>
https://www.ester.ee/record=b5290032*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

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

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

Chiral hemicucurbit[8]uril as an anion receptor : selectivity to size, shape and charge distribution

Kaabel, Sandra; Adamson, Jasper; Topic, Filip; Öeren, Mario; Reimund, Mart; Prigorchenko, Elena; Löökene, Aivar; Aav, Riina Chemical science 2017 / p. 2184-2190 : ill <https://doi.org/10.1039/C6SC05058A> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chiral heterocycle-based receptors for enantioselective recognition

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

Chiral recognition by supramolecular porphyrin-hemicucurbit[8]uril-functionalized gravimetric sensors

Magna, Gabriele; Šakarašvili, Marko; Stefanelli, Manuela; Giancane, Gabriele; Bettini, Simona; Valli, Ludovico; Ustrnul, Lukas; Borovkov, Victor; Aav, Riina; Monti, Donato; Di Natale, Corrado; Paolesse, Roberto ACS applied materials and interfaces 2023 / p. 30674–30683 <https://doi.org/10.1021/acsami.3c05177> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Chironomidae-based inference model for mean July air temperature reconstructions in the eastern Baltic area

Bakumenko, Varvara; Poska, Anneli; Plociennik, Mateusz; Gasteviciene, Neringa; Kotrys, Bartosz; Luoto, Tomi P.; Belle, Simon; Veski, Siim Boreas 2024 / p. 401 - 414 <https://doi.org/10.1111/bor.12655> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Hints, Olle; Antonovitš, Liina; Bauert, Garmen; Nestor, Viuu; Nõlvak, Jaak; Tammekänd, Mairi Lethaia 2018 / p. 218 - 227

Chitinozoan biostratigraphy in the Haljala Regional Stage, Upper Ordovician: A high-resolution approach from NE Estonia

Bauert, Garmen; Nõlvak, Jaak; Bauert, Heikki GFF 2014 / p. 26-29 : ill <https://doi.org/10.1080/11035897.2013.857715> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chitinozoan diversity in the East Baltic Silurian: First results of a quantitative stratigraphic approach with CONOP

Paluveer, Liina; Nestor, Viu-Kai; Hints, Olle GFF 2014 / p. 198-202 : ill <https://doi.org/10.1080/11035897.2013.873987> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chitinozoans and scolecodonts from the Silurian and Devonian of Japan

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

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](#)

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

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

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

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

Chloromethylation of lignin as a route to functional material with catalytic properties in cross-coupling and click reactions

Mohan, Mahendra Kothottil; Silenko, Oleg; Krasnou, Illia; Volobujeva, Olga; Kulp, Maria; Ošeka, Maksim; Lukk, Tiit; Karpichev, Yevgen ChemSusChem 2024 / art. e202301588 <https://doi.org/10.1002/cssc.202301588> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cholecystectomy and Diagnosis-Related Groups (DRGs): Patient classification and hospital reimbursement in 11 European countries

Paat-Ahi, Gerli; **Aaviksoo, Ain**; Świderek, Maria International journal of health policy and management 2014 / p. 383-391 : ill <https://doi.org/10.15171/ijhpm.2014.121> [Journal metrics at Scopus](#) [Article at Scopus](#)

The chromatin determinants and Ph1 gene effect at wheat sites with contrasting recombination frequency

Majka, Maciej; Janáková, Eva; **Jakobson, Irena; Järve, Kadri**; Cápál, Petr; Korchanová, Zuzanna; Lampar, Adam; Juračka, Jakub; Valárik, Miroslav Journal of advanced research 2023 / p. 75-85 <https://doi.org/10.1016/j.jare.2023.01.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chromosome 19 annotations with disease speciation : a first report from the global research consortium

Nilsson, Carol Lynn; Berven, Frode Steingrimsen; Selheim, Frode; Liu, Huiling; Moskal, Joseph R.; Kroes, Roger A.; Sulman, Erik P.; Conrad, Charles A.; Lang, Frederick F.; Andrén, Per Erik; Nilsson, Anna; Carlsohn, Elisabet; **Fehniger, Thomas Edward; Lindberg, Henrik** Journal of Proteome Research 2013 / p. 135 - 150 <https://doi.org/10.1021/pr3008607> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chromosome variant 1qh- and its influence on the 3D organization of chromosome 1 heterochromatin in interphase nucleus of patients with endometriosis

Mikelsaar, Ruth; **Paves, Heiti**; Org, Katrin; Mikelsaar, Aavo-Valdur Journal of genetics 2014 / p. 219-223 : ill <https://doi.org/10.1007/s12041-014-0340-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chronic infection with gastric helicobacters induces hepatic lesions in mice

Seeneevassen, Lornella; Sifré, Elodie; **Khalid, Sadia**; Managau, Mathilde; Mégraud, Francis; **Ménard, Armelle**; Dubus, Pierre; **Spuul, Pirjo; Varon, Christine** Helicobacter 2025 / art. e70032 <https://doi.org/10.1111/hel.70032>

Chronic pain after lower abdominal surgery : do catechol-O-methyl transferase/opioid receptor μ-1 polymorphisms contribute?

Kolesnikov, Yuri; Gabovits, Boris; Levin, Ariel; **Veske, Andres**; Qin, Li; Dai, Feng; Belfer, Inna Molecular pain 2013 / p. 1-7 <https://pubmed.ncbi.nlm.nih.gov/23566343/> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chrysophanol : a natural anthraquinone with multifaceted biotherapeutic potential

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

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](#)

Circular production, designing, and mechanical testing of polypropylene-based reinforced composite materials : statistical analysis for potential automotive and nuclear applications

Hussain, Abrar; Podgurski, Vitali; Goljandin, Dmitri; Antonov, Maksim; Sergejev, Fjodor; Krasnou, Illia Polymers 2023 / art. 3410, 30 p. : ill <https://doi.org/10.3390/polym15163410> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Circular renovation of an apartment building with prefabricated additional insulation elements to nearly zero energy building

Nigumann, Eero; **Kalamees, Targo; Kuusk, Kalle; Pihelo, Peep** Journal of sustainable architecture and civil engineering 2024 / p. 22-34 <https://doi.org/10.5755/j01.sace.34.1.35674> [Journal metrics at Scopus](#) [Article at Scopus](#)

Circumventing Solidification Cracking Susceptibility in Al–Cu Alloys Prepared by Laser Powder Bed Fusion

Xi, Lixia; Lu, Qiyang; Gu, Dongdong; Cao, Shaoting; Zhang, Han; Kaban, Ivan; Sarac, Baran; **Prashanth, Konda Gokuldoss;** Eckert, Jürgen 3D Printing and Additive Manufacturing 2024 / p. E731 - E742 <https://doi.org/10.1089/3dp.2022.0207> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cities & international policy diffusion : the case of Tokyo

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

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

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

Citizens' perspectives on platformisation of police work: a scenario and story-based exploration in Estonia and Sweden

Masso, Anu; Kasapoglu, Tayfun; Kaun, Anne; Galis, Vasilis Information, Communication and Society 2024 / p. 2400-2418
<https://doi.org/10.1080/1369118X.2024.2333842> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Classification of benthic biocenoses of the lowland river Tudovka (Tver region, Russia) using community features

Schletterer, Martin; Füreder, Leopold; Kuzovlev, Vyacheslav V.; Zhenikov, Yuri N.; **Fuentes-Pérez, Juan Francisco; Tuhtan, Jeffrey Andrew** Geography, environment, sustainability 2017 / p. 40-56 : ill <https://doi.org/10.24057/2071-9388-2017-10-2-40-56> [Journal metrics at Scopus](#) [Article at Scopus](#)

Clean cruise shipping : experience from the BSR

Olaniyi, Eunice Omolola; **Prause, Gunnar Klaus; Gerasimova, Vera;** Inkinen, Tommi Sustainability 2022 / art. 5002, 17 p
<https://doi.org/10.3390/su14095002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cleaner pellet production – an energy consumption study using statistical analysis

Vigants, Haralds; **Uuemaa, Priit;** Veidenbergs, I.; Blumberga, Dagnija Agronomy research 2014 / p. 633-644 : ill
<https://www.cabidigitallibrary.org/doi/pdf/10.5555/20143202498> [Journal metrics at Scopus](#) [Article at Scopus](#)

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](#)

CLFT : camera-LiDAR fusion transformer for semantic segmentation in autonomous driving

Gu, Junyi; Bellone, Mauro; Pivonka, Tomas; **Sell, Raivo** IEEE Transactions on Intelligent Vehicles 2024 / 12 p

<https://doi.org/10.1109/TIV.2024.3454971> [Journal metrics at Scopus](#) [Article at Scopus](#)

Climate change and the potential effects on runoff and nitrogen losses in the Nordic–Baltic region

Oygarden, Lillian; Deelstra, Johannes; **lital, Arvo** Agriculture, ecosystems and environment 2014 / p. 114-126 : ill

<https://doi.org/10.1016/j.agee.2014.06.025> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Climate change is rapidly deteriorating the climatic signal in Svalbard glaciers

Spolaor, Andrea; Scoto, Federico; Larose, Catherine; Barbaro, Elena; Burgay, Francois; Bjorkman, Mats P.; Cappelletti, David; Dallo, Federico; de Blasi, Fabrizio; Divine, Dmitry V.; Dreossi, Giuliano; Gabrieli, Jacopo; Isaksson, Elisabeth; Kohler, Jack; **Martma, Tõnu**; Schmidt, Louise S.; Schuler, Thomas V.; Stenni, Barbara; Turetta, Clara; Luks, Bartłomiej; Casado, Mathieu; Gallet, Jean-Charles The cryosphere 2024 / p. 307–320 : ill <https://doi.org/10.5194/tc-18-307-2024> [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](#)

Climate conscious design of light structures for improving liveability of urban environments

Siani, Rossella; **De Luca, Francesco** TECHNE - Journal of Technology for Architecture and Environment 2025 / p. 309-316

<https://doi.org/10.36253/techne-16583> <https://oaj.fupress.net/index.php/techne/article/view/16583>

Climate effects on belowground tea litter decomposition depend on ecosystem and organic matter types in global wetlands

Trevathan-Tackett, Stacey M.; Kepfer-Rojas, Sebastian; Malerba, Martino; Macreadie, Peter I.; Djukic, Ika; Zhao, Junbin; Young, Erica B.; York, Paul H.; **Stivriņš, Normunds** Environmental Science and Technology 2024 / p. 21589 - 21603

<https://doi.org/10.1021/acs.est.4c02116> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Climate variability and associated vegetation response throughout Central and Eastern Europe (CEE) between 60 and 8ka

Feurdean, Angelica; Perşoiu, A.; Tanţău, I.; Stevens, T.; Connor, S.; Magyari, E.K.; Onac, B.P.; Marković, S.; Andrič, M.; **Veski, Siim**

Quaternary science reviews 2014 / p. 206-224 : ill <https://doi.org/10.1016/j.quascirev.2014.06.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Climate-neutral Provision of Peak Heat Loads

Moser, Simon; **Volkova, Anna** Euroheat and Power (English Edition) 2024 / p. 23-26 <https://prod.euroheat.org/dhc/knowledge-hub/climate-neutral-provision-of-peak-heat-loads> [Journal metrics at Scopus](#) [Article at Scopus](#)

Climatic and vegetational controls of Holocene wildfire regimes in the boreal forest of northern Fennoscandia

Remy, Cecile C.; Magne, Gwenaël; **Stivriņš, Normunds**; Aakala, Tuomas; **Asselin, Hugo**; Seppä, Heikki; Luoto, Tomi P.;

Jasiunas, Nauris; Ali, Adam A. Journal of ecology 2023 / p. 845-860 : ill., map <https://doi.org/10.1111/1365-2745.14065> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Clinical equipoise and moral leeway : an epistemological stance

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

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

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

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**; Lytvyn, 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](#)

Closing the gap between plant ecology and Quaternary palaeoecology

Reitalu, Triin; Kuneš, Petr; Giesecke, Thomas Journal of vegetation science 2014 / p. 1188-1194 <https://doi.org/10.1111/jvs.12187> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cluster approach in organization of transportation in the Baltic Sea Region

Nežerenko, Olga; Koppel, Ott; Tuisk, Tarmo Transport 2017 / p. 167-179 : ill <https://doi.org/10.3846/16484142.2014.994225> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A cluster of many small holes with negative imaginary surface impedances may generate a negative refraction index

Alsaedi, Ahmed; Ahmad, Bashir; **Challa, Durga Prasad**; Kirane, Mokhtar; Sini, Mourad Mathematical methods in the applied sciences 2016 / p. 3607-3622 : ill <https://doi.org/10.1002/mma.3805> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Clustering energy performance certificates : A methodology for selecting representative buildings in scalable energy simulations

Hajian, Hatef; Leiber, Collin; Härkönen, Kalevi; Mannila, Heikki; Ferrantelli, Andrea Energy and buildings 2025 / art. 116592 <https://doi.org/10.1016/j.enbuild.2025.116592>

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

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

Clustering-based penalty signal design for flexibility utilization

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

Clusters in foreign-born vs. native self-employment in Europe : do we look alike?

Cuadros, Ana; **Cuestas, Juan Carlos**; Mourelle, Estefania Applied economics letters 2023 / p. 92-96

<https://doi.org/10.1080/13504851.2022.2130861> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cnoidal waves governed by the Kudryashov-Sinelshchikov equation

Randrüüt, Merle; Braun, Manfred Physics letters A 2013 / p. 1868-1874 : ill

<https://www.sciencedirect.com/science/article/pii/S0375960113005288> <https://doi.org/10.1016/j.physleta.2013.05.040> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

CO2 curing of Ca-rich fly ashes to produce cement-free building materials

Usta, Mustafa Cem; Yörük, Can Rüstü; Uibu, Mai; Hain, Tiina; Gregor, Andre; Trikkel, Andres Minerals 2022 / art. 513, 24 p. : ill <https://doi.org/10.3390/min12050513> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

CO2 emission intensity of the Estonian DH sector

Latšov, Eduard; Umbleja, Siim; Volkova, Anna Smart Energy 2022 / art. 100070 <https://doi.org/10.1016/j.segy.2022.100070> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

CO2 mineralization by burnt oil shale and cement bypass dust : effect of operating temperature and pre-treatment

Yörük, Can Rüstü; Uibu, Mai; Usta, Mustafa Cem; Kaljuvee, Tiit; Trikkel, Andres Journal of thermal analysis and calorimetry 2020 / p. 991–999 : ill <https://doi.org/10.1007/s10973-020-09349-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)