

**“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://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 CH<sub>4</sub> 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](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**; **Ghahfarokhi, Payam Shams** 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, Emilia; 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](#)

## 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-Isebel; **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; Kalina, Laimdota; **Stivrinš, Normunds**; Grudzinska, 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](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; Märtens, Olev; Land, Raul** Elektronika ir elektrotechnika = 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; Bauman, 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 SO<sub>2</sub> 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 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](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>

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

### **Adaptation of the development of ecological entrepreneurship**

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

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

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

### **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](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**; **Ghahfarokhi, Payam Shams** Energies 2021 / art. 3278 <https://doi.org/10.3390/en14113278> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

### **Additive manufacturing of 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](#)

**Addressing ethical matters in Ukrainian accounting practice**

**Zhatkin, Yuri; Gurvič, 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;** Ejrnaes, 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](#)

**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 Cd<sup>2+</sup> 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 dexamethasone by activated peroxo compounds in water matrices : A comparative study**

Onga, Liina; Dulova, Niina; Kattel-Salusoo, Eneliis *Water* 2025 / art. 2303 <https://doi.org/10.3390/w17152303> <http://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>

**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; Goloroush, 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>

**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**

Ayankoj, 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**; Valtensbergs, 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 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; Ciofi-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; Päeske, 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](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 <https://doi.org/10.1016/j.palwor.2020.12.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Age, 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**

**Rasoulinezhad, 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](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.egyr.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; Korõtko, 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/\(ASCE\)JHY.1943-7900.0002021](https://doi.org/10.1061/(ASCE)JHY.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; **Kriševskaja, 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.; **Lõokene, Aivar** Atherosclerosis 2022 / p. 68 <https://doi.org/10.1016/j.atherosclerosis.2022.06.428>

#### **Alcoholysis of primary amides in the presence of CF<sub>3</sub>SO<sub>3</sub>H**

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.; **Aydinyan, Sofiya**; Kirakosyan, H.; Moskovskikh, D.; Nepapushev, A.; Kuskov, K.; Tumanyan, M.; Zargaryan, A.; **Traksmäa, Rainer**; **Kharatyan, S.** Journal of alloys and compounds 2023 / art. 167589, 13 p <https://doi.org/10.1016/j.jallcom.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](http://www.kirj.ee/public/oilshale_pdf/2019/issue_1/OS-2019-1-76-95.pdf) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### **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, Kattri-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>

### **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](#)

**Ammendatud 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](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; Mildentrey, Eike; **Prause, Gunnar Klaus** Transport and telecommunication journal 2022 / p. 102-112 : ill <https://doi.org/10.2478/ttj-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)Se<sub>2</sub> 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](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; Öpik, 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 Muhlig; Abascal, Federico; Wala, Jeremiah A.; Shapira, Ofer; Tiao, Grace; Homshøj, Henrik; Hess, Julian M.; Juul, Randi Istrup; Uusküla-Reimand, Liis Nature 2020 / 10 p. : ill <https://doi.org/10.1038/s41586-020-1965-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### Analysing 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; Hõimoja, 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](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

Lotamõis, 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](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://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](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; Hermann, 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://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; Hermann, 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 insolation 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, Dibyojyoty; Rikmann, Ergo; Jaagura, Madis** Biodegradation 2020 / p. 249 -

264 <https://doi.org/10.1007/s10532-020-09907-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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, Hayretidin** 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; Vandeveld, 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; Loorits, Mihkel; Raudoja, Jaan; Lehner, Julia; Gurevitš, Jelena; Traksmaa, 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, Ivar** Baltic journal of European studies 2019 / p. 148-165 : ill <https://doi.org/10.1515/bjes-2019-0027> [Journal](#)

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

**Annual 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; Cetenovic, 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; Cetenovic, 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; Kouvara, 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 ( $\alpha$ -Fe<sub>2</sub>O<sub>3</sub>) 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 Cu<sub>2</sub>ZnSnS<sub>4</sub> 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; Vorrsjö, 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 <https://doi.org/10.7250/bjrbe.2023-18.623> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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-secosterols**

**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>

### **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, Kumarvel; 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 Mujtaba; Jamil, Muhammad Asif; **Hussain, Abrar**; Soudagar, Manzoore Elahi M.; Rahman, Muhammad Muhtur *Catalysts* 2021 / art. 1215, 17 p. : ill <https://doi.org/10.3390/catal11101215> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Application of 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](#) [Article at WOS](#)

#### **Application of different techniques for activation of H<sub>2</sub>O<sub>2</sub>/Fe<sup>3+</sup> 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



#### **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](#) [Journal metrics at WOS](#) [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; Lytvynenko, 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](#)

#### **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**

Ehatäht, 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.jobe.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, Rupal; 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](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 Journal of Computer Integrated Manufacturing 2021 / p. 933-949 : ill <https://doi.org/10.1080/0951192X.2021.1946857> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

**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>

**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; Trikkel, 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; Pilnik-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](#)

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

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

### **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.; Ubarte, Ieva; Randil, O.P.C.; Lill, Irene; Puust, Raido** Ecological indicators 2020 / art. 106562, 33 p <https://doi.org/10.1016/j.ecolind.2020.106562> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](http://www.ester.ee/record=b2941458*est) [https://www.bahps.org/02\\_Moktefi-2017-1-02.pdf](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; Ianole-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.ktu.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](#)

### **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://content.sciendo.com/view/journals/bjes/bjes-overview.xml?tab_body=latestIssueToc-79907) [https://www.ester.ee/record=b5290032\\*est](https://www.ester.ee/record=b5290032*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

#### **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](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 / 22 p <https://doi.org/10.1080/03043797.2023.2299731>

#### **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](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](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**

Priavolou, 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 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, Ainhua; Romu, Tobias; Tunon, Patrik; Segelmark, Marten; Uhlin, 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 <https://doi.org/10.3389/fmars.2019.00054> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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](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; Boršcevis, 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, Viu; 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**

**Ernits, 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; Ambrozevits, 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>

#### **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 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; Uhlin, Nils Fredrik Arne** *Journal of the American heart association* 2019 / art. e013091, 18 p. : ill <https://doi.org/10.1161/JAHA.119.013091> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)



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

Reimand, Juhan; Collij, Lyduine E.; Scheltens, Philip Neurology 2020 / p. e2648-e2657 : ill

<https://doi.org/10.1212/WNL.00000000000010739> <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7963352/> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **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 $\alpha$ -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/efoc.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](#)

**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**

Trubitsõn, 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  $\alpha,\beta$ -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-cyclopropanoxindoles**

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**

Ošeka, 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-cyclopentaneoxindoles 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-Al<sub>2</sub>O<sub>3</sub> 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 GeTe<sub>2</sub> 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 Sb<sub>2</sub>Se<sub>3</sub> : 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  $\beta$ -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 Ga<sub>2</sub>Te<sub>3</sub> : 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/Ga<sub>2</sub>O<sub>3</sub>/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](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/JPBAFM-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; Lepand, 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, Urmis; 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**; **Gorbatšova, 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; Shanenkov, 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](#)

**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, Bianka;** Loewen, Bradley; **Müüripeal, Anni; Sooväli-Sepping, Helen** Geografiska annaler, Series B: Human geography 2023 / 19 p. : ill <https://doi.org/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?seq=1#metadata\\_info\\_tab\\_contents](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; Goringe, Patrick; Huess, Vibeke; **Kõuts, Tarmo;** Reissmann, Jan Hinrich; Tuomi, Laura  
Frontiers in Earth Science 2020 / art. 7 <https://doi.org/10.3389/feart.2020.00007> [Journal metrics at Scopus](#) [Article at Scopus](#)  
[Journal metrics at WOS](#) [Article at WOS](#)

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

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

**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 CuInTe<sub>2</sub> 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; HosseinNia, S. 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 Cu<sub>2</sub>ZnSn(S,Se)<sub>4</sub> 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://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.estee.ee/record=b1787401\\*est](http://www.estee.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**

Ilvonen, 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; Ilvonen, 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.; **Primets, 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>

#### **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/DOCP00965B> [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 Englund; Wittchen, Kim Bjarne; **Kurnitski, Jarek** Energy and Buildings 2025 / art. 116086  
<https://doi.org/10.1016/j.enbuild.2025.116086>

#### **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](#)

#### **Beneficial effects of bio-fabricated selenium nanoparticles as seed nanopriming 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 LiBH<sub>4</sub>-MgH<sub>2</sub> 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](#)

#### **Benzene-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](https://heinonline.org/HOL/Page?collection=journals&handle=hein.journals/rojaeuf19&id=223&men_tab=srchresults) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### **Beyond 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](#)

**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; Kapitulska, 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, Päärn; Käär, 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 RuO<sub>2</sub>-CuO electrodes outperform RuO<sub>2</sub> 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, Tiit; Nestor, Viit-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](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, Tiit; Nestor, Viit-Kai; Viira, Viive** Estonian journal of earth sciences 2015 / p. 267-283 : ill [https://artiklid.elnet.ee/record=b2750825\\*est](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](#)

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

### **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.; Nõges, 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; Dobe, Galina; Zhurinsh, Aivars; Niaura, Gediminas; Tamasauskaitė-Tamasiunaite, Loreta; Norkus, Eugenijus; Kruusenberg, Ivar ChemNanoMat 2021 <https://doi.org/10.1002/cnma.202000615>

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

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

#### **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](#)

#### **Biotic turnover rates during the Pleistocene-Holocene transition**

**Stivrinš, 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/tjtj-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. 102257 <https://doi.org/10.1016/j.datak.2023.102257> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **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

**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](#)

**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** 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 bioclustrations in bryozoans from the Kunda Regional Stage (Darrivilian; 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](#)

**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>

**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](#)

**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; Järvis, 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**

**Vansovits, Vitali; Petlenkov, Eduard; Teplyakov, Aleksei; 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](#)

**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](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 Cu<sub>10</sub>Cd<sub>2</sub>Sb<sub>4</sub>S<sub>13</sub> 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://www.ester.ee/record=b2157203*est) <https://doi.org/10.32994/hk.v22i2.320>

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

### **Business 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.ika.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; Tapaninen, Ulla;** Tovar, Beatriz Transport and Telecommunication 2024 / p. 473 - 482 <https://doi.org/10.2478/ttj-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](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](#)

**CaCl<sub>2</sub>, 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](#)

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

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

**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](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.einet.ee/record=b2680497\\*est](https://artiklid.einet.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 leaf 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; Löökene, Aivar** Biochimica et Biophysica Acta (BBA) - Molecular and Cell Biology of Lipids 2020 / art. 158553, 12 p. : ill <https://doi.org/10.1016/j.bbalip.2019.158553> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

**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?**

**Priavolou, 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; Pazienza, 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; Dzeladze, Irakli; Simpson, Jared T.; Lupien, Mathieu; Stein, Lincoln D.; Boutros, Paul C.; Wilson, Michael D.; Reimand, Jüri *Molecular Cell* 2020 / p. 1307-1321.e10 <https://doi.org/10.1016/j.molcel.2019.12.027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### **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; Gorbatsova, 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; **Gorbatsova, 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**

**Stivriņš, 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.ester.ee/record=b2246661*est) [http://www.kirj.ee/public/Estonian\\_Journal\\_of\\_Earth\\_Sciences/2018/issue\\_4/earth-2018-4-247-258.pdf](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; Mõtsep, 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](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 WOS](#) [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](#)

### **<sup>13</sup>C- and <sup>15</sup>N-labeling of amyloid- $\beta$ 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.; **Martõnova, 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, Oleksii; 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**  
Pustõnski, 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; Peftitsis, 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](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 CO<sub>2</sub> 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 CB<sub>1</sub> 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; Gurevičs, 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](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://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.ijrmhm.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/ijtcse/2019/0681.42019> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

**Prilenska, Viktorija**; **Paadam, Katrin**; **Liias, Roode** *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, Rhianon; **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 <https://www.wseas.org/multimedia/journals/environment/2015/a245715-268.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **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<sub>0.9</sub>Co<sub>0.1</sub>PO<sub>4</sub>**

Strobridge, Fiona C.; Middlemiss, Derek S.; Pell, Andrew J.; Leskes, Michal; Clément, Raphaële J.; Pourpoint, Frédérique; Lu, Zhouguang; Hanna, John V.; Pintacuda, Guido; **Samoson, 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; Chernova, 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; Triikkel, 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://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 FeS<sub>2</sub> pyrite microcrystals synthesized in different flux media**

**Kristmann, Katriin; Raadik, 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, Tran T.; 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, Sergo; 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 Cu<sub>10</sub>Cd<sub>2</sub>Sb<sub>4</sub>S<sub>13</sub> monograin materials grown in molten Cd<sub>2</sub> and Lil**

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

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

#### **Characterization of the complete genome of oat sterile dwarf virus : a fijivirus occurring in the temperate climate zone of Europe**

**Oja, Tatjana; Soooväli, 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](#)

[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>

[Journal metrics at Scopus](#)

#### **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](#)

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

<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 (UO<sub>2</sub><sup>2+</sup>) ion binding to Amyloid Beta (A $\beta$ ) peptides : effects on A $\beta$  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/acscchemneuro.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](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; Rassölkin, 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, Vaio; Püssa, Tõnu Proceedings of the Estonian Academy of Sciences 2014 / p. 444-453 : ill [https://artiklid.elnet.ee/record=b2707387\\*est](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://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 Cu<sub>10</sub>Cd<sub>2</sub>Sb<sub>4</sub>S<sub>13</sub> 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**

**Müürsepp, 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**; Nuryseva, Gulzhikhan; Ramazanov, 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://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](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](#)



[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 <https://doi.org/10.1111/let.12249> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **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, Viuu-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 WOS](#) [Article at WOS](#)

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

Wudarska, Alicja; Slaby, Ewa; Wiedenbeck, Michael; 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; Ošek, 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  $\mu$ -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**

Prakteeeksha; 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, Qiuyang; 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://www.ester.ee/record=b2675037*est) <https://doi.org/10.1515/bjes->

**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 / 19 p  
<https://doi.org/10.1080/1369118X.2024.2333842>

**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.; **Stivrins, 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](#)

[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; **Stivrinš, 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 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> [Journal metrics](#) at Scopus [Article](#) at Scopus

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

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

#### **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; Triikkel, 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**

**Latõšov, 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; Triikkel, Andres Journal of thermal analysis and calorimetry



### **CO2 reduction to formate on an affordable bismuth metal-organic framework based catalyst**

Avila-Bolivar, Beatriz; Cepitis, Ritums; **Alam, Mahboob; Starkov, Pavel** Journal of CO2 Utilization 2022 / art. 101937, 11 p <https://doi.org/10.1016/j.jcou.2022.101937> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Co2 storage potential of sedimentary basins of Slovakia, the Czech Republic, Poland and the Baltic States**

Šliaupa, Saulius; Lojka, Richard; Tasáryova, Zuzana; Kolejka, Vladimír; Hladík, Vít; Kotulová, Julia; Kucharič, Ludovit; Fejdi, Vlado; Wójcicki, Adam; Tarkowski, Radostaw; Uliasz-Misiak, Barbara; Šliaupienė, Rasa; Nulle, Inara; Pomeranceva, Raisa; Ivanova, Olga; **Šogenova, Alla; Šogenov, Kazbulat** Geological Quarterly 2013 / p. 219 - 232 [https://gg.pg.gov.pl/article/view/7856/pdf\\_954](https://gg.pg.gov.pl/article/view/7856/pdf_954) <https://doi.org/10.7306/gg.1088> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **CO2 transformed into highly active catalysts for the oxygen reduction reaction via low-temperature molten salt electrolysis**

Rommel, Anna-Liis; Ratso, Sander; Liivand, Kerli; **Danilson, Mati**; Kaare, Kätlin; **Mikli, Valdek**; Kruusenberg, Ivar Electrochemistry Communications 2024 / art. 107781 <https://doi.org/10.1016/j.elecom.2024.107781> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

### **Coalgebraic update lenses**

Ahman, Danel; **Uustalu, Tarmo** Electronic notes in theoretical computer science 2014 / p. 25-48 : ill <https://doi.org/10.1016/j.entcs.2014.10.003> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

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

### **Coastal dune dynamics along the northern Curonian Spit, Lithuania : toward an integrated database**

Bitinas, Albertas; Dobrotin, Nikita; Buynevich, Ilya; **Molodkov, Anatoli** Geological quarterly 2018 / p. 553–562 : ill <https://doi.org/10.7306/gg.1435> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### **Coastal grassland wader abundance in relation to breeding habitat characteristics in Matsalu Bay, Estonia**

Leito, Aivar; Elts, Jaanus; Mägi, Eve; Truu, Jaak; **Ivask, Mari; Kuu, Annely**; Ööpik, Merle; **Meriste, Mart**; Ward, Raymond; Kuresoo, Andres Ornis Fennica 2014 / p. 149-165 : ill <https://ornisfennica.journal.fi/article/view/133852> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### **Coating with microbial hydrophobins : a novel approach to develop smart drug nanoparticles**

Singh, Brahma N.; Singh, Braj R.; **Gupta, Vijai Kumar** Trends in biotechnology 2018 / p. 1103–1106 : ill <https://doi.org/10.1016/j.tibtech.2018.03.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Cobalt- and iron-containing nitrogen-doped carbon aerogels as non-precious metal catalysts for electrochemical reduction of oxygen**

Sarapuu, Ave; Samolberg, Lars; **Kreek, Kristiina; Koel, Mihkel**; Matisen, Leonard; Tammeveski, Kaido Journal of electroanalytical chemistry 2015 / p. 9-17 : ill <https://doi.org/10.1016/j.jelechem.2015.03.021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

**Cobalt-containing nitrogen-doped carbon aerogels as efficient electrocatalysts for the oxygen reduction reaction**  
**Kreek, Kristiina**; Sarapuu, Ave; Samolberg, Lars; Joost, Urmas; **Mikli, Valdek**; **Koel, Mihkel**; Tammeveski, Kaido  
ChemElectroChem 2015 / p. 2079-2088 : ill <https://doi.org/10.1002/celec.201500275> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**CoB-TiB<sub>2</sub> crystalline powders : Synthesis, microstructural analysis and their utilization as reinforcement agent**  
Khoshshima, Sina; Altintas, Zerrin; Burkhardt, Ulrich; Schmidt, Marcus; **Prashanth, Konda Gokuldoss**; Somer, Mehmet; Balci, Özge  
Advanced powder technology 2020 / p. 2964-2972 <https://doi.org/10.1016/j.apt.2020.05.026> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Cocaine-induced epigenetic DNA modification in mouse addiction-specific and non-specific tissues**  
Anier, Kaili; Urb, Mari; Kipper, Karin; Herodes, Koit; **Timmusk, Tõnis** Neuropharmacology 2018 / p. 13-25  
<https://doi.org/10.1016/j.neuropharm.2018.06.036> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Cocksfoot mottle virus coat protein is dispensable for the systemic infection**  
**Olsper, Allan**; **Kamsol, Kristjan**; **Sarmiento Guerin, Maria Cecilia**; **Gerassimenko, Jelena**; **Truve, Erkki** Virology journal 2014 / art. 19, 10 p. : ill <https://doi.org/10.1186/1743-422X-11-19> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

**Co-creation of service recovery and post-recovery responses : the impact of cultural values orientations and outcome favorability**  
**Nik Bakhsh, Naghmeh** Journal of service science research 2019 / p. 133–155 <https://doi.org/10.1007/s12927-019-0007-4>

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