

## **"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>

## **Aadu elutöö preemia pälvinud Tiit Metsvahi arvates on asjad sageli kinni mõttelaiskuses**

Ramler, Gerli Teejuht : maal, vees ja õhus : Transpordiameti digiajakiri 2022 / lk. 56-59 : fot <https://transpordiamet.ee/digiajakiri/nr4#Teejuht> [https://www.ester.ee/record=b5495900\\*est](https://www.ester.ee/record=b5495900*est)

## **Aadu Lassi nimeline teede valdkonna tunnustusauhind**

Teejuht : maal, vees ja õhus : Transpordiameti digiajakiri 2022 / lk. 135 : fot <https://transpordiamet.ee/digiajakiri/nr4#Teejuht> [https://www.ester.ee/record=b5495900\\*est](https://www.ester.ee/record=b5495900*est)

## **Aasta 2024 - koos loome tulevikul!**

Roosileht, Mare Aastaraamat 2024 2025 / lk. 4-5 : fot [https://www.ester.ee/record=b2666429\\*est](https://www.ester.ee/record=b2666429*est)

## **Aasta arendustööd**

Mente et Manu 2022 / lk. 26-27 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

## **Aasta inseneriks valiti Arvi Hamburg, aasta tehnikaüliõpilaseks Erik Teder**

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

## **Aasta Mereharija 2022**

Post, Tarmo Meremees : Eesti merendusajakiri = Estonian maritime magazine 2022 / lk. 22-24 : fot [https://www.ester.ee/record=b4646644\\*est](https://www.ester.ee/record=b4646644*est) <https://issuu.com/ajakirimeremees>

## **Aasta mereharija Rein Loodla on õpetanud ligi 50 aastat**

Piirsalu, Merlin Meremees : Eesti merendusajakiri = Estonian maritime magazine. Veeteede Teataja 2021 / lk. 4-7 : fot [https://issuu.com/ajakirimeremees/docs/meremees\\_2021\\_3-4\\_veeteede\\_teataja\\_2021\\_3-4](https://issuu.com/ajakirimeremees/docs/meremees_2021_3-4_veeteede_teataja_2021_3-4)

## **Aasta mereharija tiitel läks mereakadeemia õppejõule Tarmo Postile**

haridus.postimees.ee 2022 [Aasta mereharija...](#)

## **Aasta noorteadlane 2021 on Oleksandr Husev**

Mente et Manu 2022 / lk. 24 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

## **Aasta parim õppejõud Nelly Oldekop**

Hõimoja, Jane Meremees : Eesti merendusajakiri = Estonian maritime magazine 2023 / lk. 9-12 : fot <https://issuu.com/ajakirimeremees/docs/meremees320> [https://www.ester.ee/record=b4646644\\*est](https://www.ester.ee/record=b4646644*est)

## **[Aasta parimad]**

Mente et Manu 2022 / lk. 28-29 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

## **Aasta teadlane 2021 on Jarek Kurnitski**

Mente et Manu 2022 / lk. 24 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

## **Aasta teadusartiklid**

Mente et Manu 2022 / lk. 25-27 [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

## **Aasta tehnikaüliõpilane 2021 on Karolina Kudelina**

Vaimann, Toomas Meie Leht 2021 / lk. 4 [http://narva-joesuu.ee/documents/2032926/30038466/Meie\\_Leht\\_DETSEMBER\\_2021\\_EST.pdf/6812d56d-dce2-4684-87ee-72639332075f](http://narva-joesuu.ee/documents/2032926/30038466/Meie_Leht_DETSEMBER_2021_EST.pdf/6812d56d-dce2-4684-87ee-72639332075f)

## **Aasta õppejõud Heino Punab**

Punab, Heino Meremees. Veeteede Ameti teataja 2021 / lk. 4-6 : fot [https://issuu.com/veeteedeamet/docs/meremees\\_2021\\_2-4\\_veeteede\\_teataja\\_2021\\_2-4](https://issuu.com/veeteedeamet/docs/meremees_2021_2-4_veeteede_teataja_2021_2-4)

## **Aastaraamat 2024**

2025 [https://www.ester.ee/record=b2666429\\*est](https://www.ester.ee/record=b2666429*est)

## **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](#)

**ABCE proteins' role in RNA silencing suppression and their evolution = ABCE valkude roll RNA vaigistamise supressioonis ja nende evolutsioonis**

**Möttus, Jelena** 2024 <https://doi.org/10.23658/taltech.43/2024> <https://digikogu.taltech.ee/et/Item/fea618c9-0f5a-4bd5-b867-c36ab775f6f1>  
[https://www.eester.ee/record=b5694239\\*est](https://www.eester.ee/record=b5694239*est)

**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](#)

**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 wear resistant composite hardfacings with ex-situ and in-situ synthesized carbide reinforcement =**

**Abrasiivkulumiskindlad komposiitpindad ex-situ ja in-situ sünteetitud karbiidkõvafaasiga**

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

**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; **Stivriņš, 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](#)

**Absolute dynamic topography through synergizing sea level data sources utilizing a common and stable reference surface**

**Jahanmard, Vahidreza; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** XXVIII General Assembly of the International Union of Geodesy and Geophysics (IUGG) 2023 <https://doi.org/10.57757/IUGG23-1756>

**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](#)

**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](#)

### **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](#)

### **Academic development support for implementing CDIO**

Kase, Kärt; Kasuk, Tiina; Rüttnann, Tiia; Sonk, Kaimo; Sell, Raivo; Annus, Ivar 18th CDIO : International Conference : proceedings - full papers 2022 / p. 634-646 [https://en.ru.is/media/cdio2022/CDIO\\_2022\\_Proceedings.pdf](https://en.ru.is/media/cdio2022/CDIO_2022_Proceedings.pdf)

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

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

### **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 of Ca-rich fly ashes in non-cement applications = Kaltsiumirikka lendtuha kiirendatud karboniseerimine tsemendivabades rakendustes**

Usta, Mustafa Cem 2023 <https://doi.org/10.23658/taltech.63/2023> <https://digikogu.taltech.ee/et/Item/5cd96499-8d75-44fa-9599-6d3eee32b244> [https://www.ester.ee/record=b5645215\\*est](https://www.ester.ee/record=b5645215*est)

### **Accelerated RNA-RNA hybridization by concentrated guanidinium thiocyanate solution in single-step RNA isolation : [letter to the editor]**

Mölder, Triin; Speek, Mart *Biotechniques* 2016 / p. 61-65 : ill <https://doi.org/10.2144/000114441> [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/abhs.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 conditions of MIMO nonlinear control systems on homogeneous time scales**

Bartosiewicz, Zbigniew; Kotta, Ülle; Tönso, Maris; Wyrwas, Małgorzata *Mathematical control and related fields* 2016 / p. 217-250 <https://doi.org/10.3934/mcrf.2016002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Accessible battery model with aging dependency**

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

### **Accounting 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 terminology as an important component of improving the professional knowledge**

Alver, Jaan; Alver, Lehte Actual problems in the system of education: general secondary education institution - pre-university training - higher education institution 2022 / p. 81-97 <https://doi.org/10.18372/2786-5487.1.16585>

### **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-Iisabel; **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](#)

### **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 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](#)

### **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>

### **Acoustic analysis of compact silencer solution based on microperforated panel**

**Villau, Margus**; **Rämmal, Hans**; **Lavrentjev, Jüri** Modern Materials and Manufacturing 2023 : Tallinn, Estonia, 2–4 May 2023 2024 / art. 030014 <https://doi.org/10.1063/5.0189854> [Article at Scopus](#) [Conference Proceedings 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 lumped element techniques to measure the low frequency response of porous materials**

Di Giulio, Elio; Napolitano, Marialuisa; Romano, Rosario Aniello; **Auriemma, Fabio**; Dragonetti, Raffaele Proceedings of the 10th Convention of the European Acoustics Association 2023 : Forum Acusticum, September 11-15, 2023 2024 / p. 3497-3502  
<https://doi.org/10.61782/fa.2023.1056>

### **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 elektrotehnika = Electronics and electrical engineering 2015 / p. 54-

**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>

**Data acquisition workflow utilizing lod3 geometry templates and point clouds for urban building energy modelling**

Ilste, Elisa; Pikas, Ergo; Kalamees, Targo; Viik, Joosep Proceedings of the 2024 European Conference on Computing in Construction 2024 / p. 689-696 <https://doi.org/10.35490/EC3.2024.221> Conference proceedings at Scopus Article at Scopus

**Acta architecturae naturalis = Maastikuarhitektuurseid uurimusi**

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

**Acta Baltica historiae et philosophiae scientiarum**

2023 <https://www.bahps.org/acta-baltica/abhps-11-1/> [https://www.ester.ee/record=b2941458\\*est](https://www.ester.ee/record=b2941458*est)

**Acta Baltica historiae et philosophiae scientiarum**

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

**Acta Baltica Historiae et Philosophiae Scientiarum**

2023 <https://www.bahps.org/acta-baltica/abhps-11-2/> [https://www.ester.ee/record=b2941458\\*est](https://www.ester.ee/record=b2941458*est)

**Acta Baltica Historiae et Philosophiae Scientiarum**

2025 <https://www.bahps.org/acta-baltica/abhps-13-1/>

**Acta Baltica historiae et philosophiae scientiarum**

2024 <https://www.bahps.org/acta-baltica/abhps-12-2/>

**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 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 methods in entrepreneurship education : a competency-based approach to investigate their theoretical**

**foundations and effectiveness = Aktivõppe meetodid ettevõtlusõppes : pädevuspõhine lähenemine nende teoreetiliste aluste ja tõhususe uurimiseks**

Hammoda, Basel Osama Sayed Ahmed 2024 [https://www.ester.ee/record=b5703100\\*est](https://www.ester.ee/record=b5703100*est) <https://digikogu.taltech.ee/et/Item/0902f217-6fec-4ce8-84cd-dec3369bc56a> <https://doi.org/10.23658/taltech.58/2024>

**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-passive two-way ranging protocol for positioning systems = Aktiv-passiivne kauguste mõõtmise protokoll positsioneerimissüsteemidele**

Laadung, Taavi 2023 <https://doi.org/10.23658/taltech.26/2023> <https://digikogu.taltech.ee/et/Item/e9906a57-6c88-4a98-860e-d2c567a3109c> [https://www.ester.ee/record=b5567510\\*est](https://www.ester.ee/record=b5567510*est)

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

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

## **The activity of nanomaterials in photocatalysis**

Krichevskaya, Marina Proceedings 2023 / art. 23 <https://doi.org/10.3390/proceedings2023092023>

## **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](#)

## **AdAM: adaptive fault-tolerant approximate multiplier for edge DNN accelerators**

Taheri, Mahdi; Cherezova, Natalia; Nazari, Samira; Rafiq, Ahsan; Azarpeyvand, Ali; Ghasempouri, Tara; Daneshtalab, Masoud; Raik, Jaan; Jenihhin, Maksim 2024 IEEE European Test Symposium (ETS): ETS 2024 : May 20-24, 2024, The Hague, Netherlands : proceedings 2024 <https://doi.org/10.1109/ETS61313.2024.10567161> [Conference Proceedings 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 striated muscles to Wolframin deficiency in mice : alterations in cellular bioenergetics**

Tepp, Kersti; Puurand, Marju; Timohhina, Natalia; Aid-Vanakova, Jekaterina; Reile, Indrek; Ševtšuk, Igor; Tšekulajev, Vladimir; Eimre, Margus; Peet, Nadežda; Kadaja, Lumme; Paju, Kalju; Käämbre, Tuuli Biochimica et biophysica acta 2020 / art. 129523

<https://doi.org/10.1016/j.bbagen.2020.129523>

## **Adapting mechanochemical C–N bond forming reactions for greener synthesis of pharmaceuticals**

Nikonovich, Tatsiana; Nallaparaju, Jagadeesh Varma; Mishra, Kamini Atindrakumar; Jarg, Tatsiana; Kudrjašova, Marina; Kananovich, Dzmitry; Aav, Riina GSFMT Scientific Conference 2023 : Tartu, 23-24 May, 2023 : abstracts 2023 / art. O21 : ill

<https://fmdtk.ut.ee/programm-2023/> <https://fmdtk.ut.ee/wp-content/uploads/2023/05/Nikonovich.pdf>

## **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 frequency-based power management for off-grid hybrid photovoltaic converters**

Gonschorowsk, Ezequiel; Cardoso, Rafael; Carvalho da Silva, Edivan Laercio; Stein, Carlos Marcelo De Oliveira; Carati, Emerson Giovanni; Denardin, Gustavo Weber; da Costa, Jean Patric Eletronica de potencia 2024 / art. e202440

<https://doi.org/10.18618/REP.e202440>

## **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 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](#)

## **Added value of post-secondary education in Estonia**

Küttim, Merle; Hartšenko, Jelena; Riivits-Arkonsuo, Iivi HEAd'19 : 5th International Conference on Higher Education Advances :

proceedings 2019 / p. 65-73 <https://doi.org/10.4995/HEAd19.2019.9437>

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

Nutt, Nele; Kubjas, Ardo; Nei, Lembit Proceedings of the Estonian Academy of Sciences 2020 / p. 179–185 : ill

<https://doi.org/10.3176/proc.2020.3.01> [https://kirj.ee/public/proceedings\\_pdf/2020/issue\\_3/proc-2020-3-179-185.pdf](https://kirj.ee/public/proceedings_pdf/2020/issue_3/proc-2020-3-179-185.pdf) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

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

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

**Additive Manufacturing and Performance of E-Type Transformer Core**

**Tiismus, Hans; Kallaste, Ants; Belahcen, Anouar; Rassölkin, 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 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 Mo-Mo(x)S(x+1) functional structures : engineering and electrochemical applications =**

**Lisandustehnoloogia teel valmistatud Mo-Mo(x)S(x+1) funktsionaalsed struktuurid inseneri- ja elektrokeemilistele rakendustele**

**Alinejadian, Navid** 2022 <https://doi.org/10.23658/taltech.43/2022> <https://digikogu.taltech.ee/et/Item/636a0175-ae97-4a28-a2a1-c3b75c7c1eb6> [https://www.ester.ee/record=b5511559\\*est](https://www.ester.ee/record=b5511559*est)

**Additive manufacturing of TiC-based cermets with Fe-based binders using novel laser scan techniques =**

**Titaankarbiidsete Fe-baasil sideainega kermiste valmistamine uudse laserskaneeriva kihtlisandustehnoloogia teel**

**Maurya, Himanshu Singh** 2023 <https://doi.org/10.23658/taltech.61/2023> <https://digikogu.taltech.ee/et/Item/3dad7b12-4a7a-4c9d-8162-30388c52bf5e> [https://www.ester.ee/record=b5645217\\*est](https://www.ester.ee/record=b5645217*est)

**Additively manufactured advanced thermal management solutions for electrical machines = Kihtlisandusmeetodil**

**valmistatud täiustatud jahutuslahendused elektrimasinatele**

**Sarap, Martin** 2025 [https://www.ester.ee/record=b5755150\\*est](https://www.ester.ee/record=b5755150*est) <https://digikogu.taltech.ee/et/Item/e8fe803d-bbda-41c5-b78d-3aef7b1fd504> <https://doi.org/10.23658/taltech.54/2025>

**Addressing ethical matters in Ukrainian accounting practice**

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

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

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

**Addressing security issues in Industry 4.0 through quantum key distribution**

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

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

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

**Administrative burden reduction over time : literature review, trends and gap analysis**

**Meyerhoff Nielsen, Morten**; Goncalves Veiga, Linda; Carvalho, Nuno Ramos; Barbosa, Luis Soares ICEGOV '17 : proceedings of the 10th International Conference on Theory and Practice of Electronic Governance : New Delhi AA, India, March 7-9, 2017 2017 / p. 140-148 <https://doi.org/10.1145/3047273.3047334> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Adoption is not enough: Institutionalization of e-participation initiatives**

**Randma-Liiv, Tiina** Public policy and administration 2023 / p. 329-351 <https://doi.org/10.1177/09520767211069199> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Adoption of BIM-related international standards across Europe**

Sibenik, Goran; Mizumoto, Juliana; Bosche, Frederic; Meda, Pedro; **Puust, Raido**; Akbarieh, Arghavan; Bolpagni, Marzia  
Proceedings of the 2023 European Conference on Computing in Construction and the 40th International CIB W78 Conference 2023 /  
7 p <https://doi.org/10.35490/EC3.2023.282>

### **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](#)

### **Adrian Venables: Hübriidsõda – Eesti lahing nähtamatu vaenlasega**

**Venables, Adrian Nicholas** Trialoog 2024 <https://trialoog.taltech.ee/hubriidsoda-eesti-lahing-nahtamatu-vaenlasega/> [Adrian Venables: Hübriidsõda – Eesti lahing nähtamatu vaenlasega](#)

### **Adrian Venables: veebitsensuuri tõus ja selle mõju**

**Venables, Adrian Nicholas** Edasi.org : innustav ja hariv ajakiri 2019 <https://edasi.org/44704/adrian-venables-veebitsensuuri-tous-ja-selle-moju/>

### **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 autonomous vehicle's functions for safety improvements in urban mobility context = Täiustatud autonoomsete sõidukite funktsioonid ohutuse parandamiseks linnaliikluse kontekstis**

**Malayjerdi, Ehsan** 2022 <https://doi.org/10.23658/taltech.46/2022> [https://www.ester.ee/record=b5511689\\*est](https://www.ester.ee/record=b5511689*est)  
<https://digikogu.taltech.ee/et/Item/b7da5652-066b-408c-81b4-d15cb6e46fca>

### **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 Hardware Protection Mechanisms : A Study on Logic Locking and Circuit Obfuscation Techniques**

**[Võrguteavik] = Täiustatud riistvara kaitsemehhanismid : uuring loogikalukustamise ja hägustamise tehnikate kohta**  
**Costa de Almeida, Antonio Felipe** 2025 [https://www.ester.ee/record=b5752171\\*est](https://www.ester.ee/record=b5752171*est) <https://digikogu.taltech.ee/et/Item/9840306f-39a2-4ac7-b275-9a841a75857b> <https://doi.org/10.23658/taltech.42/2025>

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

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

### **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

**Advanced Modelling Frameworks for the Digital Twin of an Autonomous Electric Vehicle Propulsion Drive System = Autonomoose elektrisõiduki veoelektriajami digitaalse kaksiku täiustatud modelleerimise raamistikud**

**Mohamed, Mahmoud Ibrahim Hassanin** 2025 <https://digikogu.taltech.ee/et/Item/6df09867-e34b-45f1-b04e-b97c08b90589>  
[https://www.ester.ee/record=b5746300\\*est](https://www.ester.ee/record=b5746300*est) <https://doi.org/10.23658/taltech.31/2025>

**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>

**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 drug testing using capillary electrophoresis and native fluorescence**

**Bolkvadze, Vyacheslav; Saar-Reismaa, Piret; Kaljurand, Mihkel; Vahe, Merike; Gorbatšova, Jelena; Mazina-Šinkar, Jekaterina** V4 Symposium Flow Analysis & Capillary Electrophoresis : abstracts 2021 / p. 64  
[https://v4face.project.uj.edu.pl/documents/144328876/0/Book\\_of\\_abstracts\\_FACE+2020.pdf/d09dca39-a279-47c4-90e3-72f05bcd4a1](https://v4face.project.uj.edu.pl/documents/144328876/0/Book_of_abstracts_FACE+2020.pdf/d09dca39-a279-47c4-90e3-72f05bcd4a1)

**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 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 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/mmr.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, Muge; 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>

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

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

**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 novel physical fatigue assessment and human activity monitoring methods towards personalized feedback with wearable sensors = Kantavatel seadmetel põhinevate füüsilise väsimuse hindamise ning inimese aktiivsuse monitoorimise meetodite arendamine personaalseks tagasisideks**

**Allik, Ardo** 2022 <https://doi.org/10.23658/taltech.62/2022> <https://digikogu.taltech.ee/et/Item/230f302e-0cf1-4b86-a9d3-0927a51b36e2>  
[https://www.ester.ee/record=b5525012\\*est](https://www.ester.ee/record=b5525012*est)

## **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>

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

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

## **Aerobic oxidations in asymmetric synthesis : catalytic strategies and recent developments**

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

## **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 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](#)

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

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

## **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](#)

## **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](#)

## **The AGEMERA project : building European capacities with innovative exploration technologies**

**Hand, Tony** Kliimast, geoloogist, ringmajandusest ja ajaloost 2024 / p. 46 [https://www.ester.ee/record=b5673955\\*est](https://www.ester.ee/record=b5673955*est) <https://kirjandus.geoloogia.info/reference/49154>

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

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

## **Aggregate production from burnt oil shale and CO<sub>2</sub> - 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 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](#)

### **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](#)

### **Ago Luberg: leian motivatsiooni õpetamisest endast!**

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

### **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>

### **AI IN BUSINESS : proceedings of the scientific workshop on business implications of artificial intelligence, June 7, 2022**

2022 [https://www.ester.ee/record=b5506022\\*est](https://www.ester.ee/record=b5506022*est) <https://digikogu.taltech.ee/et/Item/2096bada-661d-4928-99a7-bfbce51825d8>

### **AI ja võrdne kohtlemine. Isegi võrdse kohtlemise kaasused vajavad teadmisi tehnoloogiaõigusest**

**Joamets, Kristi** taltech.ee 2024 <https://taltech.ee/uudised/ai-ja-vordne-kohtlemine-isegi-vordse-kohtlemise-kaasused-vajavad-teadmisi>

### **AI readiness assessment for Data-driven Public Service Projects : change management and human elements of procurement**

**Dreyling III, Richard Michael**; Erlenheim, Regina; **Tammet, Tanel; Pappel, Ingrid** Human factors, business management and society : proceedings of the 14th AHFE International Conference on Applied Human Factors and Ergonomics : San Francisco Marriott Marquis, California, USA, July 20-24, 2023. Vol. 97 2023 / p. 178–187 : ill <https://doi.org/10.54941/ahfe1003894>

### **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](#)

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

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

### **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 change efficiency of room ventilation units**

**Mikola, Alo; Rehand, Juhan; Kurnitski, Jarek** E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019 2019 / art. 01017, 8 p <https://doi.org/10.1051/e3sconf/201911101017> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **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 of concrete floor and foundation junctions**

**Alev, Üllar**; Antsov, Peeter; **Kalamees, Targo** Energy procedia 2015 / p. 2046-2051 : ill <https://doi.org/10.1016/j.egypro.2015.11.217>  
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Air leakage of joints filled with polyurethane foam**

**Hallik, Jaanus; Gustavson, Heleen; Kalamees, Targo** Buildings 2019 / art. 172, 15 p. : ill <https://doi.org/10.3390/buildings9070172>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Kaur, Katrin; Laanearu, Janek; Annus, Ivar** Journal of hydraulic engineering 2023 / art. 04022030, 11 p. : ill [https://doi.org/10.1061/\(ASCE\)HY.1943-7900.0002021](https://doi.org/10.1061/(ASCE)HY.1943-7900.0002021) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Kauppinen, Antti; **Kiviste, Mihkel**; Pirhonen, Joni; Tuominen, Eero; Laukkarinen, Anssi; Huttunen, Petteri; Vinha, Juha Buildings 2022 / art. 1629 <https://doi.org/10.3390/buildings12101629> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

**Airtightness improvement solutions for log wall joints**

**Alev, Üllar; Uus, Andres; Kalamees, Targo** Energy procedia 2017 / p. 861-866 : ill <https://doi.org/10.1016/j.egypro.2017.09.678> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Airtightness of Estonian dwellings – median and base-values for heat loss estimation**

**Hallik, Jaanus; Kalamees, Targo; Pikas, Ergo** Journal of Physics: Conference Series 2023 / 9 p <https://doi.org/10.1088/1742-6596/2654/1/012063> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Ajurünnak - "Kuhu edasi, kolledž?"**

**Roosileht, Mare** Aastaraamat 2020 : TalTech Virumaa Kolledž 2021 / lk. 71-73 : fot [https://www.ester.ee/record=b2666429\\*est](https://www.ester.ee/record=b2666429*est) <http://data.vk.edu.ee/aastaraamat20/>

**Akadeemiline eetika - ülikooli jätkusuutlikkuse ja autonoomia nurgakivi**

**Kerikmäe, Tanel** Mente et Manu 2021 / lk. 38-39 : portr [Mente et Manu 1/2021](#) [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

**Akadeemiline klubi**

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

**Akulaevade areng ja tulevikuväljavaade**

**Kasepõld, Kadi** Meremees : Eesti merendusajakiri = Estonian maritime magazine 2024 / lk. 19-21 : ill [https://www.ester.ee/record=b4646644\\*est](https://www.ester.ee/record=b4646644*est) [https://issuu.com/ajakirimeremees/docs/meremees\\_nr\\_325-issuu](https://issuu.com/ajakirimeremees/docs/meremees_nr_325-issuu)

**Albumin and heparin together or separately - different outcome on lipoprotein lipaseoligomerization and stability**

**Risti, Robert; Gunn, K.; Villo, Ly; Hiis-Hommuk, Kristofer; Seeba, Natjan-Naatan; Karimi, Hamed; Vendelin, Marko; Neher, Saskia B.; Lõokene, Aivar** FEBS Open Bio 2023 / p. 223 <https://doi.org/10.1002/2211-5463.13646>

**Aldehyde-free resins based on resorcinol and natural alkylresorcinols modified with styrene**

**Jurkeviciute, Ana; Grigorieva, Larisa; Tõnsuaadu, Kaia; Yashicheva, Tamara** Polymers / Composites / 3Bs Materials 2023 International Joint Conferences 22-24 February 2023 Bangkok, Thailand : Book of Abstracts 2023 / p. 43 : ill <https://setcor.org/userfiles/files/2023/Bangkok/Polymers-Composites-3BsMaterials-2023-Book-of-Abstracts.pdf>

**Alfred Elenurm, 100th birthday of the Grand Old Man of Estonian Oil Shale Research**

Oil shale 2022 / p. 151-152 : portr [https://kirj.ee/wp-content/plugins/kirj/pub/OS-2-2022-151-152\\_20220608154329.pdf](https://kirj.ee/wp-content/plugins/kirj/pub/OS-2-2022-151-152_20220608154329.pdf)

**Algebraic and coalgebraic perspectives on interaction laws**

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

**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](#)

**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 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](#)

### **Allan Niidu teeb süsihappegaasist materjalide ehitusplokke**

arileht.delfi.ee 2023 [Allan Niidu teeb süsihappegaasist materjalide ehitusplokke](#)

### **Allmaalaborid - unikaalsed tootmis- ja arenduskeskused**

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

### **Alloying of TiC-FeCr cermet in manganese vapor**

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

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

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

### **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>

### **Along-track satellite altimetry to identify coastal sea level dynamics using a synergized geodetic-oceanographic approach = Satelliitaltimeetria pikiorbiitse andmestikuga rannikumere veetaseme dünaamika tuvastamine kasutades sünergilist geodeetilist-okeanograafilist meetodit**

**Mostafavi, Majid** 2024 [https://www.ester.ee/record=b5671644\\*est](https://www.ester.ee/record=b5671644*est) <https://doi.org/10.23658/taltech.11/2024> <https://digikogu.taltech.ee/et/Item/49eaa519-adfc-42a0-98dd-a69ba649331a>

### **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](#)

### **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.jalcom.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](#)

### **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](#)

### **Alustas teedevaldkonna järelkasvuprojekt**

**Kask, Mihkel; Tammekivi, Jane-Ly; Peterson, Jan-Daniel** Teejuht : maal, vees ja õhus : Transpordiameti digiajakiri 2022 / lk. 102-104 : fot <https://digiajakiri.transpordiamet.ee/view/1070695105/102/> [https://www.ester.ee/record=b5495900\\*est](https://www.ester.ee/record=b5495900*est)

### **Alusuuringud on aluseks edasisele tööle**

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

### **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](#)

### **Ambitsioon saada merenduse küberjulgeoleku eestkõnelejaks**

Hõimoja, Jane Meremees : Eesti merendusajakiri = Estonian maritime magazine 2022 / lk. 8-10 : fot  
[https://www.ester.ee/record=b4646644\\*est](https://www.ester.ee/record=b4646644*est) [https://issuu.com/ajakirimeremees/docs/meremees\\_2022\\_1-4](https://issuu.com/ajakirimeremees/docs/meremees_2022_1-4)

### **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; Mildenstrey, 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](#)

### **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 alternative approach to distinguish movements of Parkinson disease patients**

**Nõmm, Sven**; Toomela, Aaro; Vaske, Martti; Uvarov, Dan; Taba, Pille IFAC-PapersOnLine 2016 / p. 272-276 : ill  
<https://doi.org/10.1016/j.ifacol.2016.10.546> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [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.ester.ee/record=b2509383\\*est](http://www.ester.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 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](#)

### **Analyse de la mentalité technocratique chez les fonctionnaires européens**

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

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

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

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

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

### **Analysing the actual use of controller-pilot data link communications**

Orye, Erwin; **Visky, Gabor; Maennel, Olaf Manuel** Engineering Proceedings 2022 / art. 18 <https://doi.org/10.3390/engproc2022028018>

### **Analysing the behaviour of road users and estimating efficiency of smart pedestrian crossing as a tool for sustainable road safety improvement = Liikluskäitumise analüüs ja targa ülekäiguraja tõhususe hindamine jätkusuutliku liiklusohutuse parandamiseks**

**Ess, Juri** 2022 <https://doi.org/10.23658/taltech.35/2022> [https://www.ester.ee/record=b5502798\\*est](https://www.ester.ee/record=b5502798*est)  
<https://digikogu.taltech.ee/et/Item/55ddb22b-6b51-45d2-a644-d4ccca822be6>

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

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

### **Analysis and 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](#)

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

Lotamöis, Kristina; Uettoa, 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 causes of the end of service life of a spray polyurethane foam and polyurea roof**

**Kalamees, Targo; Ilomets, Simo; Põldaru, Mattias; Klõšeiko, Paul; Kallavus, Urve; Rosenberg, Margit; Öiger, Karl** E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 15002, 6 p. : ill <https://doi.org/10.1051/e3sconf/202017215002> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Analysis of coagulation factors in fresh-frozen plasma**

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

### **Analysis of 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](#)

### **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 factor VIII levels in haemophilia A treated patients – preliminary results of pharmacokinetic study**

**Pikta, Marika; Kaju, Kaspar; Malikov, A.; Urbala, Maike; Saks, K.; Rahuoja, Kaisa; Varik, M.; Lepik, K.; Ross, Mariken** Haemophilia 2023 / p. 107 <https://doi.org/10.1111/hae.14715>

### **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 grain orientation and defects in Sb<sub>2</sub>Se<sub>3</sub> solar cells fabricated by close-spaced sublimation**  
**Krautmann, Robert; Spalatu, Nicolae;** Gunder, Rene; Abou-Ras, Daniel; Unold, Thomas; Schorr, Susan; **Oja Acik, Ilona; Krunks, Malle** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 17 [https://fmtdk.ut.ee/wp-content/uploads/2021/06/GSFMT\\_abstractbook\\_2021.pdf](https://fmtdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf)
- Analysis of grain orientation and defects in Sb<sub>2</sub>Se<sub>3</sub> 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 hull performance on fast patrol boat with an extended study of survivability under damaged conditions**  
Pratama, Angga Sifta; Prabowo, Aditya Rio; Muhayat, Nurul; **Putranto, Teguh;** Tuswan, Tuswan IOP Conference Series: Earth and Environmental Science ; 1166, 1 2023 / art. 012046 <https://doi.org/10.1088/1755-1315/1166/1/012046> [Conference Proceedings at Scopus](#) [Article at Scopus](#)
- 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 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 policy alignment including country case studies : Deliverable D8.1**  
**Šogenova, Alla; Šogenov, Kazbulat;** Fantini, Martina; Ferrari, Katia; Guasti, Elisa; Martinelli, Francesco; Sogni, Alberto; Damasiotis, Markos; Patlitzianas, Kostas; Tzaos, Petros; Dütschke, Elisabeth; Kantel, Anne; Jannsen, Hannah 2024 <https://www.herccules.eu/results-publications/deliverables/public.html>
- 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 the impact of poisoned data within Twitter classification models**  
**Price, Christopher; Nömm, Sven; Priisalu, Jaan** Proceedings of the 5th interdisciplinary cyber research conference 2019 : 29th of June 2019, Tallinn University of Technology [Online resource] 2019 / p. 53-57 <https://doi.org/10.1016/j.ifacol.2019.12.170> [https://www.eester.ee/record=b5238490\\*est](https://www.eester.ee/record=b5238490*est) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)
- Analysis of the impact of predictive models on the quality of the model predictive control for an experimental building**  
Proceedings of Building Simulation 2021: 17th Conference of IBPSA 2022 / p. 302-309 <https://doi.org/10.26868/25222708.2021.30566>
- Analysis of the reciprocal wear testing of Aluminum AA1050 processed by a novel mechanical nanostructuring technique**  
**Omranpour Shahreza, Babak; Kommel, Lembit; Sergejev, Fjodor; Ivanisenko, Yulia; Antonov, Maksim** IOP conference series : materials science and engineering 2021 / art. 012051, 6 p. : ill <https://doi.org/10.1088/1757-899X/1140/1/012051>
- 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](#)
- Analysis of wave properties in the Baltic Sea : integrating findings from the Gulf of Finland, Gulf of Riga and Western Baltic Coasts**

**Giudici, Andrea; Männikus, Rain; Jankowski, Mikolaj Zbigniew; Soomere, Tarmo** New challenges for Baltic Sea Earth System research : conference proceedings 2024 / p. 61-62  
[https://baltic.earth/imperia/md/assets/baltic\\_earth/baltic\\_earth/5bec\\_proceedings.pdf](https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/5bec_proceedings.pdf)

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

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

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

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

**Analyzing 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](#)

**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 Quality by Design in Environmental Analysis = Analüütilise disainiruumi kontseptsiooni rakendamine saasteainete pinnases määramise meetodi väljatöötamisel**

**Jurjeva, Jelena** 2025 [https://www.ester.ee/record=b5758848\\*est](https://www.ester.ee/record=b5758848*est) <https://digikogu.taltech.ee/et/Item/365bb698-bf6e-4768-8d60-31737d61ce10>  
<https://doi.org/10.23658/taltech.65/2025>

**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](#)

**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](#)

**Andmed tulevikuühiskonnas : andmevabaduse tuleviku uurimissuund : uuring 2022**

Õunapuu, Tauno; Olesk, Maarja; Raun, Merle; Kaldur, Kristjan; **Tiits, Marek;** Tatar, Merit 2022 [https://www.ester.ee/record=b5643049\\*est](https://www.ester.ee/record=b5643049*est)  
<https://www.ibs.ee/wp-content/uploads/Andmed-tulevikuuhiskonnas-2022.pdf>

**Andrii Chub: teadustöö on põnevam kui töö ettevõttes**

**Chub, Andrii** Mente et Manu 2022 / lk. 12-17 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

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

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

**Anion binding of biotinuril derivatives enhanced by silver cation**

**Siilak, Kristjan; Dalidovich, Tatsiana; Shalima, Tatsiana; Kudrjašova, Marina; Ustrnul, Lukas; Aav, Riina** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / p 35 [https://fmdk.ut.ee/wp-content/uploads/2021/06/GSFMT\\_abstractbook\\_2021.pdf](https://fmdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf)

**Annealing effect on CdS films : transition from glass to ITO**

**Maticiuc, Natalia; Hiie, Jaan** IOP conference series : materials science and engineering 2013 / p. 1-4 : ill <https://doi.org/10.1088/1757-899X/49/1/012061> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [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](#)

### **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 performance analysis of heat emission in radiator and underfloor heating systems in the European reference room**

**Vösa, Karl-Villem; Ferrantelli, Andrea; Kurnitski, Jarek** E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019 / art. 04009, 8 p : ill <https://doi.org/10.1051/e3sconf/201911104009> [Conference proceedings at Scopus](#) [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](#)

### **Antibacterial activity of chitosan-silver nanocomposites**

Kasemets, Kaja; **Laanoja, Jüri**; Kahru, Anne Debrecen Colloquium on Carbohydrates 2020 in 2022, August 24-27, 2022 Debrecen, Hungary : program and abstracts 2022 / p. 47 [https://konferencia.unideb.hu/sites/default/files/file\\_uploads/debcarb-abstract-elektronikus-2022-kesz\\_04-cor\\_0.pdf](https://konferencia.unideb.hu/sites/default/files/file_uploads/debcarb-abstract-elektronikus-2022-kesz_04-cor_0.pdf)

### **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 antifungal efficacy of novel chitosan-silver nanocomposites**

**Kasemets, Kairi**; Laanoja, Jüri; Sihtmäe, Mariliis; Kurvet, I.; Otsus, Maarja; Vija, H.; Kahru, Anne (E-MRS) European Materials Research Society 2023 Spring Meeting : 40th Anniversary 2023 / art. 61\_875 <https://www.dropbox.com/s/w8prtknkt2ekutr/SPRING%2023%20-%20Conference%20program.pdf?dl=0>

### **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](#)

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

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

### **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](#)

### **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>

### **Antioxidative and anti-borrelia activity of phytochemicals in rubiaceae species**

**Laanet, Pille-Riin**; **Saar-Reismaa, Piret**; **Bragina, Olga**; **Jõul, Piia**; **Vaher, Merike** FEBS3+ Conference of Estonian, Latvian and Lithuanian Biochemical Societies : abstract book : Tallinn, Estonia 15–17 June 2022 2022 / p. 104-105 [https://biokeemiaselts.ee/wp-content/uploads/2022/06/ABSTRACT-BOOK\\_FEBS32022\\_Tallinn.pdf](https://biokeemiaselts.ee/wp-content/uploads/2022/06/ABSTRACT-BOOK_FEBS32022_Tallinn.pdf)

### **Antioxidative and anti-borrelia effects of plantago species**

**Laanet, Pille-Riin**; **Drošnova, Regina**; **Saar-Reismaa, Piret**; **Bragina, Olga**; **Vaher, Merike** Proceedings 2023 / art. 6 <https://doi.org/10.3390/proceedings2023092006>

### **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](#)

### **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](#)

### **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](#)

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

Larsson, Mikael; Vorrjö, Evelina; Talmund, Philippa; **Löökene, 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 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

**Applicability of limiting phase angle temperatures for measuring the low temperature performance and aging of asphalt binders = Piiravate faasinurga temperatuuride rakendatavus bituumenite madala temperatuuri ja vananemiselase toimivuse mõõtmiseks**

Lill, Kristjan 2024 [https://www.ester.ee/record=b5712446\\*est](https://www.ester.ee/record=b5712446*est) <https://digikogu.taltech.ee/et/Item/7e247788-70ef-4a2b-b0d1-d72c16a9b993>  
<https://doi.org/10.23658/taltech.70/2024>

**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 spiral drawing test for mental fatigue modelling**

Senkiv, Olesja; Nömm, Sven; Toomela, Aaro IFAC-PapersOnLine 2019 / p. 190-195 : ill <https://doi.org/10.1016/j.ifacol.2019.01.064>

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

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

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

<https://doi.org/10.3176/proc.2024.3.06>

**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 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, Oriparambil 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 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 chiral bifunctional halogen bond catalysts in glycosylation reactions**

Miller, Annette; Hunt, Kaarel Erik; Kriis, Kadri; Kanger, Tõnis Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 129 [Kogumik](#)

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

Martõnova, Jevgenija; Adamson, Jasper; Kaabel, Sandra; Šubin, Kirill; Aav, Riina GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 2 [https://fmdk.ut.ee/wp-content/uploads/2021/06/GSFMT\\_abstractbook\\_2021.pdf](https://fmdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf)

**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 deep conditional generative adversarial networks to fill the gaps of satellite altimetry-based absolute dynamic topography**

Jahanmard, Vahidreza; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu XXVIII General Assembly of the International Union of Geodesy and Geophysics (IUGG) 2023 / 1 p <https://doi.org/10.57757/IUGG23-1627>

**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 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 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 fly ash of lignite combustion in air and water purification**

Nikitin, Dmitri; Bolobajev, Juri; Kritševskaja, Marina; Pilar, Lukas; Vitvarova, Monika; Preis, Sergei; Dulova, Niina Proceedings 2023 / art. 32 <https://doi.org/10.3390/proceedings2023092032>

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

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

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

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

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

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

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

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

**Application of Mindlin Theory to Describe the Scattering of Guided Waves From Notches in a Plate**

Rasheed, Usman; Lints, Martin; Ratassepp, Madis ASME 2022 49th Annual Review of Progress in Quantitative Nondestructive Evaluation (QNDE2022) 2022 <https://event.asme.org/Events/media/library/resources/qnde/QNDE-2022-Final-Program.pdf> <https://qnde.secure-platform.com/a/solicitations/178/sessiongallery/11537/application/98050>

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

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

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

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

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

**Application of the improved method of grids with the estimation of accuracy**

Gornostajev, Dmitri; Arjassov, Gennadi; Baraškova, Tatjana; Žigailov, Sergei Procedia engineering 2014 / p. 1443-1448 : ill  
<https://doi.org/10.1016/j.proeng.2014.03.140> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Application of the integration model in the system of inclusive education**

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

#### **Application of the LSTM models for Baltic Sea wave spectra estimation**

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

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

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

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

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

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

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

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

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

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

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

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

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

#### **Applications of 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 forecasting methods to accrual-based and cash-based ratio analysis**

Litvinenko, Alexey; **Litvinenko, Anna;** Saarinen, Samuli Journal of accounting and management information systems 2025 / p. 328-360 <https://doi.org/10.24818/jamis.2025.02006> <https://online-cig.ase.ro/jcig/papers.aspx?idc=62164>

#### **Applying machine learning with satellite altimetry data for prediction of absolute dynamic topography for the Baltic Sea**

**Mostafavi, Majid; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** Nordic Geodetic Commission General Assembly 2022 in Copenhagen : Poster Session 2022 / 26 l. <https://medialib.cmcdn.dk/medialibrary/010C1367-E991-4A33-AB10-1953247E9C23/530AEABD-3A25-ED11-84B6-00155D0B0940.pdf>

#### **Applying reflexive-adaptive law for safeguarding the European Union's Security of gas supply during the transition era = Refleksiivse-kohanduva õiguse rakendamine Euroopa Liidu gaasitarnekindluse tagamiseks üleminekuperioodil**

**Keypour, Javad** 2024 <https://doi.org/10.23658/taltech.41/2024> [https://www.ester.ee/record=b5693102\\*est](https://www.ester.ee/record=b5693102*est) <https://digikogu.taltech.ee/et/Item/833878b1-64e1-49ac-8938-73261eab01f1>

#### **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 analyze the performance of advanced manufacturing environment**

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

#### **Approaches to extra-functional verification of security and reliability aspects in hardware designs = Riistvaraprojektide**

## **turva- ja töökindlusaspektide ekstrafunktsionaalse verifitseerimise lähenemisviisid**

Lai, Xinhui 2022 <https://doi.org/10.23658/taltech.29/2022> <https://digikogu.taltech.ee/et/Item/cff1aeb9-b0b2-49ce-b81a-bfb9dc25fd56>  
[https://www.ester.ee/record=b5502807\\*est](https://www.ester.ee/record=b5502807*est)

## **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 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](#)

## **Archetypes based meta-modeling towards evolutionary, dependable and interoperable healthcare information systems**

Piho, Gunnar; Tepandi, Jaak; Thompson, Douglas; Tammer, Triinu; Parman, Marko; Puusep, Viljam Procedia computer science 2014 / p. 457-464 : ill <https://doi.org/10.1016/j.procs.2014.08.069> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

## **Archimedes screw - an alternative for safe migration through turbines?**

Pauwels, Ine S.; Tuhtan, Jeffrey Andrew; Coeck, Johan; Buysse, David; Baeyens, Raf Novel Developments for Sustainable Hydropower 2022 / p. 125-133 : ill [https://doi.org/10.1007/978-3-030-99138-8\\_11](https://doi.org/10.1007/978-3-030-99138-8_11)

## **Architectural solutions for high-speed data processing demands of CERN LHC detectors with FPGA and high-level synthesis**

Devadze, Sergei; Nielsen, Christine Elizabeth; Mihhailov, Dmitri; Ellervee, Peeter 2024 IEEE Nordic Circuits and Systems Conference (NorCAS) 2024 <https://doi.org/10.1109/NorCAS64408.2024.10752490> [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 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 “hubs” in beta-cell clusters an emergent network property or do they exist independently? : abstract**

Patriarca, Marco; Scialla, Scialla; Yamakou, Marius; Heinsalu, Els; Cartwright, Julian H.E. Acta physiologica 2023 / 1 p <https://doi.org/10.1111/apha.14044>

## **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/abhps.2017.1.02> [Journal metrics at Scopus](#) [Article at Scopus](#)

## **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](#)

## **Area efficient design and implementation of a novel divider circuit block = Uudne efektiivne jagamistehte riistvaraline**

## realisatsioon

**Patankar, Udayan Sunil** 2025 [https://www.ester.ee/record=b5746970\\*est](https://www.ester.ee/record=b5746970*est) <https://digikogu.taltech.ee/et/Item/bada7a0d-f54f-48bb-844d-37e23ad8d029> <https://doi.org/10.23658/taltech.29/2025>

## 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](#)

## Arenev Euroopa teaduse eetikakoodeks

**Soomere, Tarmo**; Uibo, Raivo Sirp / lk. 14-16 <https://sirp.ee/s1-artiklid/c21-teadus/arenev-euroopa-teaduse-eetikakoodeks/>

## Arengufond andis välja enam kui 120 000 euro eest stipendiume

Mente et Manu 2022 / lk. 10 [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

## Arhitektuurimuuseumi vestlussari võtab fookusesse linna kaevandamise

Rebane, Karmen kultuur.err.ee 2023 [Arhitektuurimuuseumi vestlussari võtab fookusesse linna kaevandamise](#)

## Array programming with NumPy

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

## The ARROWS project : robotic technologies for underwater archaeology

Allotta, Benedetto; Costanzi, Riccardo; Ridolfi, Alessandro; Salvetti, Ovidio; Reggiannini, Marco; **Kruusmaa, Maarja**; **Salumäe, Taavi**; Lane, David M. Mike; Frost, Gordon; Tsiogkas, Nikolaos; Cocco, Michele IOP conference series : materials science and engineering 2018 / art. 012088 <https://doi.org/10.1088/1757-899X/364/1/012088> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [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 effect on labour relations

**Joamets, Kristi**; **Chochia, Archil** Journal of Law 2020 / p. 384-401 ["Journal of Law"](#)

## 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 for worker management: mapping definitions, uses and implications

Christenko, Aleksandr; Jankauskaite, Vaida; Paliokaite, Agne; van den Broek, Egidius Leon; **Reinhold, Karin**; **Järvis, Marina** 2022 <https://healthy-workplaces.osha.europa.eu/en/publications/artificial-intelligence-worker-management-mapping-definitions-uses-and-implications>

## Artificial intelligence in businesses : importance and context

**Kalvet, Tarmo** AI IN BUSINESS : proceedings of the scientific workshop on business implications of artificial intelligence, June 7, 2022 2022 / p. 9-12 : ill [https://www.ester.ee/record=b5506022\\*est](https://www.ester.ee/record=b5506022*est) <https://digikogu.taltech.ee/et/Item/2096bada-661d-4928-99a7-bfbce51825d8>

## 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 Intelligence-Based Predictive Analytics for Battery Energy Storage Systems in Electric Vehicle Applications =**  
**Tehisintellektil põhinev ennustav andmeanalüüs akupõhiste energiasalvestussüsteemide jaoks elektrisõidukites**

**Zequera, Rolando Antonio Gilbert** 2025 [https://www.ester.ee/record=b5758189\\*est](https://www.ester.ee/record=b5758189*est) <https://digikogu.taltech.ee/et/Item/7ecb1e38-a591-47c5-b37e-7c2e901d05f1> <https://doi.org/10.23658/taltech.61/2025>

**Arupuruarendaja Jürjo Preden: tajumatud arvutid meie ümber muudavad maailma paremaks**

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

**Arvamuslugu ei ole kirjand**

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

**Asfalditootmise keskkonnajalajalg sõltub segu temperatuurist**

**Toom, Roven** Teejuht : maal, vees ja õhus : Transpordiameti digiajakiri 2022 / lk. 104-108 : fot  
<https://transpordiamet.ee/digiajakiri/nr4#Teejuht> <https://digikogu.taltech.ee/et/Item/99169d8e-0949-4847-bc84-6bbe98338cff>

**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](#)

**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 Higgs boson physics : vacuum stability, Yukawa couplings and SO(10) unification = Higgsi bosoni füüsika aspektid : vaakumi stabiilsus, Yukawa interaktsioonid ja SO(10) ühendteooriad**

**Ouyang, Ruiwen** 2023 <https://doi.org/10.23658/taltech.39/2023> <https://digikogu.taltech.ee/et/Item/3574ebed-b8a5-4bc1-98b9-b10176a139a5>  
[https://www.ester.ee/record=b5571980\\*est](https://www.ester.ee/record=b5571980*est)

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

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

**Aspects of personal data protection from state and citizen perspectives - case of Georgia**

**Tsulukidze, Mariam; Nyman-Metcalf, Katrin Merike; Tsap, Valentyna; Pappel, Ingrid; Draheim, Dirk** Digital Transformation for a Sustainable Society in the 21st Century 18th IFIP WG 6.11 : Conference on e-Business, e-Services, and e-Society, I3E 2019 Trondheim, Norway, September 18–20, 2019 : proceedings 2019 / p. 476-488 [https://doi.org/10.1007/978-3-030-29374-1\\_39](https://doi.org/10.1007/978-3-030-29374-1_39)  
[Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

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

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

**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](#)

**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 biological effects of contaminants in the Gulf of Finland, Northeastern Baltic Sea, using sediment biotests with Amphipods (Monoporeia affinis) and biomarker responses in Clams (Macoma balthica)**

**Kuprijanov, Ivan; Kolesova, Natalja; Lipp, Maarja; Lehtonen, Kari K.** Proceedings 2023 / art. 54

**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 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 Equal Opportunities for Seafarers : Preparation for Unmanned Vessels in the Baltic Sea Region**  
**Kerem, Kristin; Otsason, Riina; Tapaninen, Ulla Pirita** 2025 International Conference "Advancing The Blue Economy Through Gender Equality" : Book of Abstracts 2025 / p. 20 [https://commons.wmu.se/cgi/viewcontent.cgi?article=1012&context=lib\\_papers](https://commons.wmu.se/cgi/viewcontent.cgi?article=1012&context=lib_papers)

**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](#)

**Assessment and Enhancement of Hardware Reliability for Deep Neural Networks = Riistvara töökindluse hindamine ja täiustamine süvanärvivõrkude jaoks**  
**Ahmadilivani, Mohammad Hasan** 2025 [https://www.ester.ee/record=b5739227\\*est](https://www.ester.ee/record=b5739227*est) <https://digikogu.taltech.ee/et/Item/652d50e3-773f-4de5-897d-86531feb0d56> <https://doi.org/10.23658/taltech.19/2025>

**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 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.egypro.2023.09.160>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Assessment of downward draught in high-glazing facades in cold climates – experimental and CFD study into draught control with a 21-type radiator**  
**Võsa, Karl-Villem; Ferrantelli, Andrea; Kurnitski, Jarek** E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 02002, 8 p. : ill <https://doi.org/10.1051/e3sconf/202124602002> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Assessment of durability of environmentally friendly wood-based panels**  
**Kallavus, Urve; Järv, Hele; Kalamees, Targo; Kurik, Lembit** Energy procedia 2017 / p. 207-212 : ill  
<https://doi.org/10.1016/j.egypro.2017.09.756> [Conference proceedings at Scopus](#) [Article at Scopus](#) [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 moisture and mould of hempcrete and straw panels**

**Raamets, Jane; Lokko, Laura; Ruus, Aime; Kalamees, Targo; Muoni, Karin** Journal of physics : conference series 2021 / art.

012194, p. 1-3 <https://doi.org/10.1088/1742-6596/2069/1/012194> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

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

**Korõtko, Tarmo; Plaum, Freddy; Häring, Tobias; Mutule, Anna; Lazdins, Roberts; Boršcevisks, Olegs; Rosin, Argo; Carroll,**

Paula Energies 2023 / art. 3476 <https://doi.org/10.3390/en16083476> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Assessment of retrofit measures for industrial halls: energy efficiency and renovation budget estimation**

**Simson, Raimo; Fadejev, Jevgeni; Kurnitski, Jarek; Kesti, Jyrki; Lautso, Petteri** Energy procedia 2016 / p. 124-133 : ill

<https://doi.org/10.1016/j.egypro.2016.09.114> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [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 strength and stiffness properties of aged structural timber**

**Kauniste, Maarja; Just, Alar; Tuhkanen, Eero** 5th International Conference Forum Wood Building Baltic : 26-28 February 2024,

Tallinn, Estonia : proceedings 2024 / p. 170-171 : ill <https://digikogu.taltech.ee/et/Item/22318c67-e0ef-42f1-88c7-34c9d9677b17>  
[https://www.ester.ee/record=b5668645\\*est](https://www.ester.ee/record=b5668645*est)

**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 potential of reconstruction of historic buildings**

**Liiva, Elina; Rummo, Helena; Ambrozevits, Kateriin; Ojari, Andres; Kalamees, Targo; Lomp, Siim** 5th International Conference Forum Wood Building Baltic : 26-28 February 2024, Tallinn, Estonia : proceedings 2024 / p. 208-209

<https://digikogu.taltech.ee/et/Item/22318c67-e0ef-42f1-88c7-34c9d9677b17> [https://www.ester.ee/record=b5668645\\*est](https://www.ester.ee/record=b5668645*est)

**Assessment of the precision of data collected about the traffic accidents with property damage only in claim handling**

process by insurance companies

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

**Assessment of the proportion of anthropogenic underwater noise levels in passiveacoustic monitoring**

**Mustonen, Mirko; Klauson, Aleksander; Berdnikova, Julia; Tommingas, Mihkel** Proceedings of Meetings on Acoustics 2018 / art. 070003, 10 p.: ill <https://doi.org/10.1121/2.0000939>

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

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

**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>

**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](#)

**Associated factors of the satisfaction with a virtual assistant**

Alles, Mait; **Karu, Reijo**; Maasik, Mikk AI IN BUSINESS : proceedings of the scientific workshop on business implications of artificial intelligence, June 7, 2022 2022 / p. 40-42 : ill [https://www.ester.ee/record=b5506022\\*est](https://www.ester.ee/record=b5506022*est) <https://digikogu.taltech.ee/et/Item/2096bada-661d-4928-99a7-bfbce51825d8>

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

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

**Association 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; **Uhlín, 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](#)

#### **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 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 Biginelli-like reaction catalyzed by chiral TADDOL-derived phosphoric acid bearing two hydroxyl groups**

Guo, Jianxin; Zhang, Rui; Yin, Zhongyou; Hu, Xiaoyun; **Borovkov, Victor** The 23rd International Electronic Conference on Synthetic Organic Chemistry 15 nov 2019 - 15 dec 2019 2019 / 8 p. : ill <https://doi.org/10.3390/ecsoc-23-06647>

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

**Kimm, Mariliis; Ošeka, Maksim; Kanger, Tõnis** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 41 [https://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT\\_abstractbook\\_2021.pdf](https://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf)

#### **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 Reactions of Cyclopentane-1,2-dione = Tsüklopentaan-1,2-diooni asümmeetrilised organokatalüütilised reaktsioonid**

**Silm, Estelle** 2022 <https://doi.org/10.23658/taltech.23/2022> <https://digikogu.taltech.ee/et/Item/106a2384-0619-453b-bd4d-4a6e6d237368> [https://www.ester.ee/record=b5499810\\*est](https://www.ester.ee/record=b5499810*est)

#### **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](#)

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

#### **Aterogeensete lipoproteiinide määramine Euroopa uusimate soovitude alusel**

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

#### **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

**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

**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

**ATR kinase inhibition induces thymineless death in proliferating CD8+ T cells**

Sugitani, Norie; Vendetti, Frank P.; Cipriano, Andrew J.; Deppas, Joshua J.; **Moiseeva, Tatiana**; Schamus-Haynes, Sandra; Wang, Yiyang; Palmer, Drake; Osmanbeyoglu, Hatice U.; Bostwick, Anna; Snyder, Nathaniel W.; Gong, Yi-Nan; Aird, Katherine M.; Delgoffe, Greg M.; Beumer, J.H.; Bakkenist, Christopher J. bioRxiv 2022 <https://doi.org/10.1101/2022.02.24.481821>

**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>

**Attribution of coastline changes in the southern and eastern Baltic Sea to climate change driven modifications of main coastal drivers**

**Eelsalu, Maris**; **Soomere, Tarmo**; **Parnell, Kevin Ellis**; Viška, Maija 4th Baltic Earth Conference Assessing the Baltic Sea Earth System : Jastarnia, Hel Peninsula, Poland, 30 May to 3 June 2022 : Conference Proceedings 2022 / p. 96-97 [https://baltic.earth/imperia/md/assets/baltic\\_earth/baltic\\_earth/baltic\\_earth/4bec\\_proceedings\\_web.pdf](https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/baltic_earth/4bec_proceedings_web.pdf)

**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

**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

**Auf der Suche nach der eigenen Alma Mater : Ingenieure und Architekten aus Estland, die vor dem Zweiten Weltkrieg an Technischen Universitäten Europas studiert haben**

Pullat, Raimo; **Liibek, Tõnis** 2022 <https://doi.org/10.5445/KSP/1000148222> <https://library.oapen.org/handle/20.500.12657/60292> [https://www.eester.ee/record=b5554284\\*est](https://www.eester.ee/record=b5554284*est)

**Austerity in the Baltic states during the global financial crisis**

**Staehr, Karsten** Intereconomics 2013 / p. 293-302 <https://doi.org/10.1007/s10272-013-0472-9> Journal metrics at Scopus Article at Scopus

**Authigenesis of biomorphic apatite particles from Benguela upwelling zone sediments off Namibia: The role of organic matter in sedimentary apatite nucleation and growth**

Mänd, Kaarel; Kirsimäe, Kalle; **Lepland, Aivo**; Lumiste, Kaarel Geobiology 2018 / p. 640-658 : ill <https://doi.org/10.1111/gbi.12309> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

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

**Author Correction: A deep learning system accurately classifies primary and metastatic cancers using passenger mutation patterns (Nature Communications, (2020), 11, 1, (728), 10.1038/s41467-019-13825-8)**

Jiao, Wei; Atwal, Gurmit; Polak, Paz; Karlic, Rosa; Cuppen, Edwin; Al-Shahrour, Fatima; Bailey, Peter J.; Biankin, Andrew V.; Boutros, Paul C.; **Uusküla-Reimand, Liis** Nature Communications 2022 / Art. 7573 <https://doi.org/10.1038/s41467-022-32329-6> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Author correction: A global database for metacommunity ecology, integrating species, traits, environment and space**

**(Scientific Data, (2020), 7, 1, (6), 10.1038/s41597-019-0344-7)**

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

**Author Correction: Analyses of non-coding somatic drivers in 2,658 cancer whole genomes (Nature, (2020), 578, 7793, (102-111), 10.1038/s41586-020-1965-x)**

Rheinbay, Esther; Nielsen, Morten Muhlig; Abascal, Federico; Wala, Jeremiah A.; Shapira, Ofer; Tiao, Grace; Hornshøj, Henrik; Hess, Julian M.; Juul, Randi Istrup; Lin, Ziao; Feuerbach, Lars; Sabarinathan, Radhakrishnan; **Uusküla-Reimand, Liis** Nature 2023 / p. E40 <https://doi.org/10.1038/s41586-022-05599-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Author Correction: Butler enables rapid cloud-based analysis of thousands of human genomes (Nature Biotechnology, (2020), 38, 3, (288-292), 10.1038/s41587-019-0360-3)**

Yakneen, Sergei; Waszak, Sebastian M.; Aminou, Brice; Bartolome, Javier; Boroevich, Keith A.; Boyce, Rich; Brooks, Angela N.; Buchanan, Alex; Buchhalter, Ivo; Butler, Adam P.; Byrne, Niall J.; Cafferkey, Andy; **Uusküla-Reimand, Liis** Author Correction: Butler enables rapid cloud-based analysis of thousands of human genomes (Nature Biotechnology, (2020), 38, 3, (288-292), 10.1038/s41587-019-0360-3) 2023 / p. 577 <https://doi.org/10.1038/s41587-022-01554-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Author Correction: Combined burden and functional impact tests for cancer driver discovery using DriverPower (Nature Communications, (2020), 11, 1, (734), 10.1038/s41467-019-13929-1)**

Shuai, Shimin; Abascal, Federico; Amin, Samirkumar B.; Bader, Gary D.; Bandopadhyay, Pratiti; Barenboim, Jonathan; Beroukhim, Rameen; Bertl, Johanna; Boroevich, Keith A.; **Uusküla-Reimand, Liis** Nature Communications 2022 / art. 7571 <https://doi.org/10.1038/s41467-022-32343-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Author Correction: Comprehensive analysis of chromothripsis in 2,658 human cancers using whole-genome sequencing (Nature Genetics, (2020), 52, 3, (331-341), 10.1038/s41588-019-0576-7)**

Cortés-Ciriano, Isidro; Lee, Jake June-Koo; Xi, Ruibin; Jain, Dhawal; Jung, Youngsook Lucy; Yang, Lixing; Gordenin, Dmitry A.; Klimczak, Leszek J.; Zhang, Cheng-Zhong; Pellman, David S.; Akdemir, Kadir Caner; Alvarez, Eva Garcia; **Uusküla-Reimand, Liis** Nature Genetics 2023 / p. 1076 <https://doi.org/10.1038/s41588-023-01315-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Author Correction: Comprehensive molecular characterization of mitochondrial genomes in human cancers (Nature Genetics, (2020), 52, 3, (342-352), 10.1038/s41588-019-0557-x)**

Yuan, Yuan; Ju, Young Seok; Kim, Youngwook; Li, Jun; Wang, Yumeng; Yoon, Christopher J.; Yang, Yang; Martincorena, Inigo; Creighton, Chad J.; Weinstein, John N.; Xu, Yanxun; Han, Leng; **Uusküla-Reimand, Liis** Nature Genetics 2023 / p. 892 <https://doi.org/10.1038/s41588-020-0629-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Author Correction: Comprehensive molecular characterization of mitochondrial genomes in human cancers (Nature Genetics, (2020), 52, 3, (342-352), 10.1038/s41588-019-0557-x)**

Yuan, Yuan; Ju, Young Seok; Kim, Youngwook; Li, Jun; Wang, Yumeng; Yoon, Christopher J.; Yang, Yang; Martincorena, Inigo; Creighton, Chad J.; Weinstein, John N.; Xu, Yanxun; Han, Leng; **Uusküla-Reimand, Liis** Nature Genetics 2023 / p. 1078 <https://doi.org/10.1038/s41588-023-01317-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Author Correction: Disruption of chromatin folding domains by somatic genomic rearrangements in human cancer (Nature Genetics, (2020), 52, 3, (294-305), 10.1038/s41588-019-0564-y)**

Akdemir, Kadir Caner; Le, Victoria T.; Chandran, Sahaana; Li, Yilong; Verhaak, Roel G.W.; Beroukhim, Rameen; Campbell, Peter J.; Chin, Lynda; Dixon, Jesse R.; Futreal, Phillip Andrew; Akdemir, Kadir Caner; Alvarez, Eva Garcia; **Uusküla-Reimand, Liis** Nature Genetics 2023 / p. 1079 <https://doi.org/10.1038/s41588-023-01318-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Author Correction: Divergent mutational processes distinguish hypoxic and normoxic tumours (Nature Communications, (2020), 11, 1, (737), 10.1038/s41467-019-14052-x)**

Bhandari, Vinayak; Li, Constance H.; Bristow, Robert G.; Boutros, Paul C.; Aaltonen, Lauri A.; Abascal, Federico; Abeshouse, Adam; Aburatani, Hiroyuki; Adams, David J.; **Uusküla-Reimand, Liis** Nature Communications 2022 / Art. nr. 7569 <https://doi.org/10.1038/s41467-022-32339-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Author correction: First crystal structure of an endo-levanase – the BT1760 from a human gut commensal Bacteroides thetaiotaomicron (Scientific Reports, (2019), 9, 1, (8443), 10.1038/s41598-019-44785-0)**

Ernits, Karin; **Eek, Priit; Lukk, Tiit**; Visnapuu, Triinu; Alamäe, Tiina Scientific reports 2019 / art. 17512, 1 p. <https://doi.org/10.1038/s41598-019-54274-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Author Correction: Genomic basis for RNA alterations in cancer (Nature, (2020), 578, 7793, (129-136), 10.1038/s41586-020-1970-0)**

Calabrese, Claudia; Davidson, Natalie R.; Demircioğlu, Deniz; Fonseca, Nuno A.; He, Yao; Kahles, André; Lehmann, Kjong-Van; Liu, Fenglin; Shiraishi, Yuichi; Soulette, Cameron M.; Urban, Lara; Shiraishi, Yuichi; **Uusküla-Reimand, Liis** Nature 2023 / p. E37 <https://doi.org/10.1038/s41586-022-05596-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Author Correction: Genomic footprints of activated telomere maintenance mechanisms in cancer (Nature Communications, (2020), 11, 1, (733), 10.1038/s41467-019-13824-9)**

Sieverling, Lina; Hong, Chen; Koser, Sandra D.; Ginsbach, Philip; Kleinheinz, Kortine; Hutter, Barbara; Braun, Delia M.; Cortés-Ciriano, Isidro; Xi, Ruibin; **Uusküla-Reimand, Liis** Nature Communications 2022 / Art. nr. 7574 <https://doi.org/10.1038/s41467-022-32328-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Author Correction: High-coverage whole-genome analysis of 1220 cancers reveals hundreds of genes deregulated by rearrangement-mediated cis-regulatory alterations (Nature Communications, (2020), 11, 1, (736), 10.1038/s41467-019-13885-w)**

Zhang, Yiqun; Chen, Fengju; Fonseca, Nuno A.; He, Yao; Fujita, Masashi; Nakagawa, Hidewaki; Zhang, Zemin; Brazma, Alvis; Amin, Samirkumar B.; **Uusküla-Reimand, Liis** Nature Communications 2022 / Art. nr. 7572 <https://doi.org/10.1038/s41467-022-32333-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Author Correction: Inferring structural variant cancer cell fraction (Nature Communications, (2020), 11, 1, (730), 10.1038/s41467-020-14351-8)**

Cmero, Marek; Yuan, Ke; Ong, Cheng Soon; Schröder, Jan; Adams, David J.; Anur, Pavana; Beroukhi, Rameen; Boutros, Paul C.; Bowtell, David D. L.; **Uusküla-Reimand, Liis** Nature Communications 2022 / Art. nr. 7568 <https://doi.org/10.1038/s41467-022-32338-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Author Correction: Integrative pathway enrichment analysis of multivariate omics data (Nature Communications, (2020), 11, 1, (735), 10.1038/s41467-019-13983-9)**

Paczowska, Marta; Barenboim, Jonathan; Sintupisut, Nardnisa; Fox, Natalie S.; Zhu, Helen; Abd-Rabbo, Diala; Mee, Miles W.; Boutros, Paul C.; Abascal, Federico; **Uusküla-Reimand, Liis** Nature Communications 2022 / art. 7570 <https://doi.org/10.1038/s41467-022-32342-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Author Correction: Pan-cancer analysis of whole genomes identifies driver rearrangements promoted by LINE-1 retrotransposition (Nature Genetics, (2020), 52, 3, (306-319), 10.1038/s41588-019-0562-0)**

Rodriguez-Martin, Bernardo; Alvarez, Eva Garcia; Baez-Ortega, Adrian; Zamora, Jorge; Supek, Fran; Demeulemeester, Jonas; Santamarina, Martin; Temes, Javier; Garcia-Souto, Daniel; Detering, Harald; Li, Yilong; Rodriguez-Castro, Jorge; **Uusküla-Reimand, Liis** Nature Genetics 2023 / p. 1080 <https://doi.org/10.1038/s41588-023-01319-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Author Correction: Pan-cancer analysis of whole genomes (Nature, (2020), 578, 7793, (82-93), 10.1038/s41586-020-1969-6)**

Aaltonen, Lauri A.; Abascal, Federico; Abeshouse, Adam; Aburatani, Hiroyuki; Adams, David J.; Agrawal, Nishant; Ahn, Keun Soo; Ahn, Sung-Min; Aikata, Hiroshi; Akbani, Rehan; Akdemir, Kadir Caner; Al-Ahmadi, Hikmat; **Uusküla-Reimand, Liis** Nature 2023 / p. E39 <https://doi.org/10.1038/s41586-022-05598-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Author Correction: Pathway and network analysis of more than 2500 whole cancer genomes (Nature Communications, (2020), 11, 1, (729), 10.1038/s41467-020-14367-0)**

Reyna, Matthew A.; Haan, David; Paczowska, Marta; Verbeke, Lieven P. C.; Vazquez, Miguel; Kahraman, Abdullah; Pulido-Tamayo, Sergio; Barenboim, Jonathan; Wadi, Lina; **Uusküla-Reimand, Liis** Nature Communications 2022 / Art. nr. 7566 <https://doi.org/10.1038/s41467-022-32334-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Author Correction: Patterns of somatic structural variation in human cancer genomes (Nature, (2020), 578, 7793, (112-121), 10.1038/s41586-019-1913-9)**

Li, Yilong; Roberts, Nicola D.; Wala, Jeremiah A.; Shapira, Ofer; Schumacher, Steven E.; Kumar, Kiran; Khurana, Ekta; Waszak, Sebastian; Korb, Jan O.; Haber, James E.; Imielinski, Marcin; Akdemir, Kadir Caner; **Uusküla-Reimand, Liis** Nature 2023 / p. E38 <https://doi.org/10.1038/s41586-022-05597-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Author Correction: Reconstructing evolutionary trajectories of mutation signature activities in cancer using TrackSig (Nature Communications, (2020), 11, 1, (731), 10.1038/s41467-020-14352-7)**

Rubanova, Yulia; Shi, Ruian; Harrigan, Caitlin F.; Li, Roujia; Wintersinger, Jeff; Sahin, Nil; Deshwar, Amit G.; Dentre, Stefan C.; Leshchiner, Ignaty; **Uusküla-Reimand, Liis** Nature Communications 2022 / Art. nr. 7567 <https://doi.org/10.1038/s41467-022-32336-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

**Author Correction: The evolutionary history of 2,658 cancers (Nature, (2020), 578, 7793, (122-128), 10.1038/s41586-019-1907-7)**

Gerstung, Moritz; Jolly, Clemency; Leshchiner, Ignaty; Dentre, Stefan C.; Gonzalez, Santiago; Rosebrock, Daniel; Mitchell, Thomas J.; Rubanova, Yulia; Anur, Pavana; Yu, Kaixian; Tarabichi, Maxime; Deshwar, Amit; **Uusküla-Reimand, Liis** Nature 2023 / p. E42  
<https://doi.org/10.1038/s41586-022-05601-4> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Author Correction: The landscape of viral associations in human cancers (Nature Genetics, (2020), 52, 3, (320-330), 10.1038/s41588-019-0558-9)**

Zapatka, Marc; Borozan, Ivan; Brewer, Daniel S.; Iskar, Murat; Grundhoff, Adam; Alawi, Malik; Desai, Nikita; Sülthmann, Holger; Moch, Holger; Cooper, Colin S.; Eils, Roland; Ferretti, Vincent; **Uusküla-Reimand, Liis** Nature Genetics 2023 / p. 1077  
<https://doi.org/10.1038/s41588-023-01316-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Author Correction: The repertoire of mutational signatures in human cancer (Nature, (2020), 578, 7793, (94-101), 10.1038/s41586-020-1943-3)**

Alexandrov, Ludmil B.; Kim, Jaegil; Haradhvala, Nicholas J.; Huang, Mi Ni; Tian Ng, Alvin Wei; Wu, Yang; Boot, Arnould; Covington, Kyle R.; Gordenin, Dmitry A.; Bergstrom, Erik N.; Islam, S. M. Ashiqul; **Uusküla-Reimand, Liis** Nature 2023 / p. E41  
<https://doi.org/10.1038/s41586-022-05600-5> [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](#)

**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 closed captioning for Estonian live broadcasts**

**Alumäe, Tanel; Kalda, Joonas**; Bode, Külliki; Kaitsa, Martin Proceedings of the 24th Nordic Conference on Computational Linguistics (NoDaLiDa) 2023 / p. 492–499 <https://aclanthology.org/2023.nodalida-1.49> <https://aclanthology.org/2023.nodalida-1.49.pdf>

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

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

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

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

**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](#)

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

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

**Autonomous cyber defence capabilities**

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

**Autonomous driving validation and verification using digital twins**

**Pikner, Heiko; Malayjerdi, Mohsen; Bellone, Mauro; Baykara, Baris Cem; Sell, Raivo** Proceedings of the 10th International

**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>

**Autonomous vehicle for industry 5.0 : Digital twin for system safety validation**

**Sell, Raivo; Malayjerdi, Mohsen;** Malayjerdi, Ehsan; **Bellone, Mauro; Pikner, Heiko** Proceedings of the 11th International Conference on Vehicle Technology and Intelligent Transport Systems VEHITS ; Vol. 1 2025 / p. 660-667  
<https://doi.org/10.5220/0013476600003941>

**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](#)

**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](#)

**Avaliku sektori kriisitsustamist mõjutavad tegurid koroonakriisi algfaasis Saaremaa valla ja Tallinna linna kriisiüksuste näitel**

Nagel, Hannes; **Nagel, Anne-May** Turvalisuskompass : turvalisuse ja julgeoleku teadusajakiri 2022 / lk. 43–72 : ill <https://digiriitl.sisekaitse.ee/bitstream/handle/123456789/2876>

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

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

**Avatud teadus Eestis ja Euroopas : võimalikkus ja potentsiaal erinevate sidusgruppide vaates : lõpparuanne**

Toom, Kristel; Olesk, Arko; Ruusalepp, Raivo; Kaal, Esta; Mandre, Sigrid; **Vaikmäe, Rein** 2017  
[https://www.etag.ee/rahastamine/programmid/rita/rita-tegevus-4-rita-4/avatud\\_teadus\\_eestis\\_ja\\_euroopas\\_voimalikkus\\_ja\\_potentsiaal/](https://www.etag.ee/rahastamine/programmid/rita/rita-tegevus-4-rita-4/avatud_teadus_eestis_ja_euroopas_voimalikkus_ja_potentsiaal/)  
[https://www.etag.ee/wp-content/uploads/2018/02/Avatud-teadus-Eestis-ja-Euroopas\\_TL%C3%9C-ja-ETA.pdf](https://www.etag.ee/wp-content/uploads/2018/02/Avatud-teadus-Eestis-ja-Euroopas_TL%C3%9C-ja-ETA.pdf)

**AVB-aware routing and scheduling for critical traffic in time-sensitive networks with preemption**

Berisa, Aldin; Zhao, Luxi; Craciunas, Silviu S.; Ashjaei, Mohammad; Mubeen, Saad; **Daneshtalab, Masoud;** Sjödin, Mikael RTNS '22: Proceedings of the 30th International Conference on Real-Time Networks and Systems 2022 / p. 207-218  
<https://doi.org/10.1145/3534879.3534926>

**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](#)

**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](#)

**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](#)

**Balmorel open source energy system model**

Wiese, Frauke; Bramstoft, Rasmus; **Koduvare, 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; Gorringer, Patrick; Huess, Vibeke; **Kõuts, Tarmo**; Reissmann, Jan Hinrich; Tuomi, Laura *Frontiers in Earth Science* 2020 / art. 7 <https://doi.org/10.3389/feart.2020.00007> [Journal metrics at Scopus](#) [Article at Scopus](#)  
[Journal metrics at WOS](#) [Article at WOS](#)

### **Baltic Sea Remote Sensing**

2021 [https://www.mdpi.com/journal/remotesensing/special\\_issues/Baltic\\_RS#info](https://www.mdpi.com/journal/remotesensing/special_issues/Baltic_RS#info)

### **Baltic Sea surface temperature analysis 2022: a study of marine heatwaves and overall high seasonal temperatures**

Lindenthal, Anja; Hinrichs, Claudia; Jandt-Scheelke, Simon; Kruschke, Tim; **Lagemaa, Priidik**; van der Lee, Eefke M.; **Maljutenko, Ilja**; Morrison, Helen e.; Panteleit, T. R.; **Raudsepp, Urmas** *State of the Planet* 2024 / 16 p <https://doi.org/10.5194/sp-4-osr8-16-2024>

### **Baltic-DB&IS-Forum-DC 2024 and Baltic DB&IS Conference Forum and Doctoral Consortium 2024 : Joint Proceedings of Baltic DB&IS Conference Forum and Doctoral Consortium 2024 co-located with 16th International Baltic Conference on Digital Business and Intelligent Systems (Baltic DB&IS 2024), Vilnius, Lithuania, June 30-July 3, 2024**

2024 <https://ceur-ws.org/Vol-3698/>

### **Band gap engineering by cationic substitution in Sn(Zr<sub>1-x</sub>Ti<sub>x</sub>)Se<sub>3</sub> 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**; Hosseinia, 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](#)

### **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](#)

### **Bandwidth Reduction DoS attacks in Multi-Tenant NoC-based MPSoCs : detection and avoidance strategies = Ribalaiuse vähendamise DoS-rünnakud mitme rentnikuga NoC-põhiste MPSoC-de puhul : tuvastamise ja vältimise strateegiad**

**Chaves Arroyave, Cesar Giovanni** 2023 <https://doi.org/10.23658/taltech.8/2023> <https://digikogu.taltech.ee/et/Item/60b3f5ee-3a53-43c6-b79e-d6a8cbbc3489> [https://www.ester.ee/record=b5548907\\*est](https://www.ester.ee/record=b5548907*est)

### **Banking market competition in Europe—financial stability or fragility enhancing?**

**Ahi, Kalle**; **Laidroo, Laivi** *Quantitative finance and economics* 2019 / p. 257-285 : ill <https://doi.org/10.3934/QFE.2019.2.257>

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

**Cuestas, Juan Carlos**; Lucotte, Yannick; **Reigl, Nicolas Andreas** *Post-communist economies* 2020 / p. 215-249 : ill <https://doi.org/10.1080/14631377.2019.1640981> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### **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>

### **Barriers to digital transformation of the silver economy : challenges to adopting digital skills by the silver generation**

**Butt, Sidra Azmat**; **Lips, Silvia**; **Sharma, Rahul**; **Pappel, Ingrid**; **Draheim, Dirk** *Human factors, business management and society : proceedings of the 14th AHFE International Conference on Applied Human Factors and Ergonomics : San Francisco Marriott Marquis, California, USA, July 20-24, 2023. Vol. 97* 2023 / p. 151–163 : tab <https://doi.org/10.54941/ahfe1003892>

### **Bashir Bashiri: Kuidas algoritm aitab meil tervislikumalt süüa**

**Bashiri, Bashir** *Trialoog* 2025 <https://trialoog.taltech.ee/bashir-bashiri-kuidas-algoritm-aitab-meil-tervislikumalt-suua/>

### **Basic solutions for the renovation of lightweight brick walls of Estonian detached houses**

**Suvalov, Mihhail**; **Lomp, Siim**; **Kalamees, Targo** *2nd International Conference on Moisture in Buildings (ICMB23), online, 3-4 July* 2023 2023 / 2 p <https://doi.org/10.14293/ICMB230051>

### **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](#)

### **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](#)

### **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 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](#)

### **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](#)

### **Behavior of wooden based insulations at high temperatures**

**Tiso, Mattia**; **Just, Alar**; **Mäger, Katrin Nele** Energy procedia 2016 / p. 729-737 : ill <https://doi.org/10.1016/j.egypro.2016.09.135>

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

### **Behavioral aspects of auditing and the auditor's decision-making as a key cognitive process in the case of fraud**

**Vassiljev, Maria**; **Alver, Lehte** Zeszyty teoretyczne rachunkowosci = Theoretical journal of accounting 2019 / p. 149-169

<https://doi.org/10.5604/01.3001.0013.4360>

### **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; Azerbayev, Aslan; Nuryseva, Gulzhikhan Acta Baltica historiae et philosophiae scientiarum 2024 / p. 135-150  
<https://doi.org/10.11590/abhs.2024.2.06>

### **Benchmarking the measured energy use of Nordic residential buildings and their Zero Energy-readiness**

Ferrantelli, Andrea; Thalfeldt, Martin; Kurnitski, Jarek CLIMA 2022: the 14th REHVA HVAC World Congress, 22nd – 25th May in Rotterdam, The Netherlands 2022 / p. 1-8 <https://doi.org/10.34641/clima.2022.171>

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

Osadchuk, Irina; Borovkov, Victor; Aav, Riina; Clot, Eric Physical chemistry chemical physics 2020 / p. 11025–11037  
<https://doi.org/10.1039/D0CP00965B> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Benchmarking Danish, Estonian and Finnish NZEB requirements with European Commission recommendations in residential and office buildings**

Simson, Raimo; Thomsen, Kirsten Engelund; Wittchen, Kim Bjarne; Kurnitski, Jarek Energy and Buildings 2025 / art. 116086  
<https://doi.org/10.1016/j.enbuild.2025.116086>

### **Benchmarking 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](#)

### **The beneficial effect of reusable food boxes on the green transition**

Tähemaa, Toivo; Sarkans, Martinš; Sarand, Inga; Pohlak, Meelis; Niidas, Alar Modern Materials and Manufacturing 2023 : Tallinn, Estonia, 2–4 May 2023 2024 / art. 030012 <https://doi.org/10.1063/5.0189325> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **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](#)

### **Benefits of Protected Area Network Status : Pilot study at Bieszczady National Park, Poland [re-print]**

Cottrell, Stuart; Raadik Cottrell, Jana The Journal Of Tourism 2019 / p. 57-71 : ill <https://www.jothenbgu.in/article/Journal%20XX-2-2019%20final.pdf>

### **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](#)

### **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](#)

### **Betooni külmakindluse alternatiivse katsetoodika uurimine**

Tammekivi, Jane-Ly Teejuht : maal, vees ja õhus : Transpordiameti digiajakiri 2024 / lk. 82-84 : ill  
<https://digiajakiri.transpordiamet.ee/view/434325528/82/> <https://digikogu.taltech.ee/et/Item/d60eb4ee-bbf9-4a0a-be47-061778d20513>

### **Betooniühing kuulutas välja 2021. aasta üliõpilastööde võistluse**

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

### **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 5G/6G EMF considerations**

**Benn, Andrew; Fellan, Amina; Kosmatos, Evangelos; Mohr, Werner; Roosipuu, Priit; Verrios, Panayiotis** 2023

<https://doi.org/10.5281/zenodo.8099834>

### **Beyond 5G/6G KPIs and target values : Version 1.0-June 2022**

**Nielsen, Lars; Gavras, Anastasius; Dieudonne, Michael; Mesogiti, Ioanna; Roosipuu, Priit; Houatra, Drissa; Kosmatos, Evangelos** 2022

<https://doi.org/10.5281/zenodo.6577506>

### **Beyond bitcoin : is bitcoin a misguided information technology tool here to create more problems than it solves?**

**Kostakis, Vasileios; Giotitsas, Christos** economics.com 2017 [Beyond bitcoin : is bitcoin a misguided information technology tool here to create more problems than it solves?](#)

### **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>

### **Beyond high-tech versus low-tech : a tentative framework for sustainable urban data governance**

**Kostakis, Vasileios; Pazaitis, Alexandros; Liarokapis, 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 sustainability and ICZM : the future for management of Baltic Seacoasts**

**Parnell, Kevin Ellis; Soomere, Tarmo** 4th Baltic Earth Conference Assessing the Baltic Sea Earth System : Jastarnia, Hel

Peninsula, Poland, 30 May to 3 June 2022 : Conference Proceedings 2022 / p. 152-153

[https://baltic.earth/imperia/md/assets/baltic\\_earth/baltic\\_earth/baltic\\_earth/4bec\\_proceedings\\_web.pdf](https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/baltic_earth/4bec_proceedings_web.pdf)

### **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 blind spot : enhancing polyphony through city planning activism using public participation GIS**

**Harsia, Eveliina; Nummi, Pilvi** Urban Planning 2024 / art. 7096 <https://doi.org/10.17645/up.7096> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

### **Beyond the headline : how personal exposure to inflation shapes the financial choices of households**

**Kukk, Merike; Toczynski, Jan; Basten, Christoph** 2023 <https://doi.org/10.23656/25045520/072023/0206>

### **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** arXiv.org 2020 / 32 p

<https://doi.org/10.4230/LIPICs.FSCD.2019.5>

### **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](#)

### **Bicategories of automata, automata in bicategories**

Boccali, Guido; **Laretto, Andrea; Loregian, Fosco**; Luneia, Stefano 6th International Conference on Applied Category Theory, ACT 2023, Hybrid, College Park, 31 July 2023 - 4 August 2023 / p. 1-19 <https://doi.org/10.4204/EPTCS.397.1> [Conference proceedings at Scopus](#) [Article at Scopus](#) [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 twisted single-stage single-phase buck-boost DC-AC converter**

**Husev, Oleksandr; Matiushkin, Oleksandr**; Roncero-Clemente, Carlos; **Vinnikov, Dmitri**; Chopyk, Vasilii 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](#)

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

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

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

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

#### **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](#)

#### **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](#)

#### **Binding between cyclohexanohemicucurbit[n]urils and polar organic guests**

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

#### **A bio- and chemostratigraphic search for the Mid-Ludfordian Carbon Isotope Excursion interval in the Ludlow of the Ohesaare core, Estonia**

**Kaljo, Dimitri; Martma, Tõnu; Märss, Tiiu; Nestor, Viu-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](#)

#### **Bioceb: tuleviku biomajandust loome viie ülikooli ühise õppekavaga**

**Kers, Jaan** Mente et Manu 2022 / lk. 34-37 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

#### **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, Tiiu; Nestor, Viu-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](#)

#### **Biodigitaalsete muutuste lainel = Driving the biodigital transition**

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

### **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](#)

### **Biofabrication of zinc oxide nanoparticles with syzygium aromaticum flower buds extract and finding its novel application in controlling the growth and mycotoxins of Fusarium graminearum**

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

### **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](#)

### **Bioinert ceramics scaffolds for bone tissue engineering by laser-based powder bed fusion : a preliminary review**

**Kamboj, Nikhil Kumar;** Piili, H.; Ganvir, A.; Gopaluni, A.; Nayak, C.; Moritz, N.; Salminen, A. IOP conference series : materials science and engineering 2023 / art. 012022, 10 p. : ill <https://doi.org/10.1088/1757-899X/1296/1/012022>

### **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](#)

### **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 effect indicators : influence of environmental parameters and contaminants on Amphipods = Bioloogilise mõju indikaatorid : keskkonnaparametrite ja ohtlike ainete mõju kirpvähiilistele**

**Kolesova, Natalja** 2024 <https://doi.org/10.23658/taltech.40/2024> [https://www.eester.ee/record=b5694394\\*est](https://www.eester.ee/record=b5694394*est) <https://digikogu.taltech.ee/et/Item/961ea92d-ef14-429c-8e99-e56d652b4a44>

### **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](#)

### **Biomimetics**

2024 [https://www.mdpi.com/journal/biomimetics/special\\_issues/0K2292JW30](https://www.mdpi.com/journal/biomimetics/special_issues/0K2292JW30)

### **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](#)

### **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](#)

### **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](#)

### **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](#)

## Birgy Lorenz: kübertalentide väsimatu avastaja

**Lorenz, Birgy** Mente et Manu 2022 / lk. 12-17 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

## 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>

## Bituumeni lühiajalise vananemise protsess ning selle laboratoorne jälgendamine

**Kuldmaa, Indrek Teejuht :** maal, vees ja õhus : Transpordiameti digiajakiri 2023 / lk. 70-73 : ill [https://www.ester.ee/record=b5495900\\*est](https://www.ester.ee/record=b5495900*est) <https://digiajakiri.transpordiamet.ee/view/75979974/72/> <https://digikogu.taltech.ee/et/Item/406738e9-c2a2-4c96-a25c-e4955ff6cef2>

## 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](#)

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

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

## 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/rtuct-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 in maritime : pros and cons

**Ntshangase, Lindani Handsome; Bauk, Sanja** XVI međunaroni naučno-stručni skup Informacione Tehnologije za e-Obrazovanje : ITeO : zbornik radova 2024 / p. 36-41 [https://iteo.rs.ba/sites/default/files/ITeO\\_Zbornik%20radova%202024%20%281%29.pdf](https://iteo.rs.ba/sites/default/files/ITeO_Zbornik%20radova%202024%20%281%29.pdf)

## Blockchain technology for enabling transparent and traceable government collaboration in public project processes of developing economies

**Abodei, Ebizimoh; Norta, Alexander;** Azogu, Irene; Udokwu, Chibuzor; **Draheim, Dirk** Digital Transformation for a Sustainable Society in the 21st Century 18th IFIP WG 6.11 : Conference on e-Business, e-Services, and e-Society, I3E 2019 Trondheim, Norway, September 18–20, 2019 : proceedings 2019 / p. 464–475 [https://doi.org/10.1007/978-3-030-29374-1\\_38](https://doi.org/10.1007/978-3-030-29374-1_38) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

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

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

### **Blockchain-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](#)

### **The Blot**

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

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

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

### **Book Review: The scaffolding is on and Public Administration literature will change : by Edoardo Ongaro and Michele Tantardini. Religion and Public Administration: An Introduction. Edward Elgar, 2023, ISBN 978 1 80088 802 9**

**Shakya, Shobhit** Halduskultuur: The Estonian journal of administrative culture and digital governance 2024 / p. 67-69 [https://www.ester.ee/record=b2157203\\*est](https://www.ester.ee/record=b2157203*est) <https://doi.org/10.32994/hk.v22i2.336>

### **Boost half-bridge DC-DC converter with reconfigurable rectifier for ultra-wide input voltage range applications**

**Vinnikov, Dmitri**; Chub, Andrii; Liivik, Elizaveta; Blaabjerg, Frede; Siwakoti, Yam P. 2018 IEEE Applied Power Electronics Conference and Exposition (APEC 2018), San Antonio, Texas, USA, 4-8 March 2018 2018 / p. 1528-1532 : ill <https://doi.org/10.1109/APEC.2018.8341219> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **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](#)

### **The borderlines of invisibility and visibility in Calderón's inverse problem**

Astala, Kari; Lassas, Matti; **Päiväranta, 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](#)

### **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](#)

### **Le bouddhisme et le chemin vers une bonne économie**

**San, Pisith** Lepetitjournal 2022 / 1 p. : phot [https://lepetitjournal.com/cambodge/bouddhisme-chemin-bonne-economie-342067?fbclid=IwAR0OC03O-GhqL0zTN4zD303ov\\_GwbnNkbNgKxpp94Z7EwUpnUEspEYaDTpU](https://lepetitjournal.com/cambodge/bouddhisme-chemin-bonne-economie-342067?fbclid=IwAR0OC03O-GhqL0zTN4zD303ov_GwbnNkbNgKxpp94Z7EwUpnUEspEYaDTpU)

### **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](#)

### **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](#)

### **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>

**Breaking barriers : empowering women's leadership in global health**

Khalid, S. The European Sting 2024 <https://europeansting.com/2024/05/02/breaking-barriers-empowering-womens-leadership-in-global-health/>

**The breaking of symmetry leads to chirality in cucurbituril-type hosts**

Aav, Riina; Mishra, Kamini Atindrakumar Symmetry 2018 / 26 p. : ill <https://doi.org/10.3390/sym10040098> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

**Breaking the silence : women's quest for leadership in global health post-COVID-19**

Khalid, Sadia The European Sting 2024 <https://europeansting.com/2024/04/22/breaking-the-silence-womens-quest-for-leadership-in-global-health-post-covid-19/>

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

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

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

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

**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 [http://doi.org/10.61093/bel.9\(2\).211-224.2025](http://doi.org/10.61093/bel.9(2).211-224.2025) <https://journals.urau.ua/index.php/2307-0404/article/view/333692>

**Bridging the gap in technology transfer for advanced process control with industrial applications**

Vansovitš, Vitali; Petlenkov, Eduard; Tepļakov, Aleksej; Vassiljeva, Kristina; Belikov, Juri Sensors 2022 / art. 4149 <https://doi.org/10.3390/s22114149> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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](#)

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

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

**Bringing the community back : a case study of the post-earthquake heritage restoration in Kathmandu Valley**

Lekakis, Stelios; Shakyia, 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](#)

**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](#)

**Bromides in treated wastewater : limiting the use of post-ozonation for micropollutant removal**

Klauson, Deniss; Lember, Erki; Jaaku, Jaak 23rd European Meeting on Environmental Chemistry, 3-6 December 2023, Budva, Montenegro : book of abstracts 2023 / p. 53 : ill <https://emec23.com/wp-content/uploads/2023/12/EMEC23-Book-of-Abstracts.pdf>

## **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](#)

## **The BSUIN project**

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

## **Buddhism and the path to good economics**

**San, Pisith** Cambodianess 2022 / 1 p. : phot <https://cambodianess.com/article/buddhism-and-the-path-to-good-economics>

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

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

## **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>

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

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

## **Building and ductwork airtightness in Estonia : national trends and requirements**

**Kalamees, Targo; Hallik, Jaanus; Mikola, Alo** Ventilation challenges in a changing world : the 42nd AIVC, 10th Tightvent and 8th venticool Conference : proceedings 2022 / p. 640-641 [https://www.aivc.org/sites/default/files/download/AIVC2022\\_Proceedings.pdf](https://www.aivc.org/sites/default/files/download/AIVC2022_Proceedings.pdf)

## **Building carbon footprint comparison between building permit and as-built with circular material usage**

**Kertsmik, Kadri-Ann; Talvik, Martin; Lylykangas, Kimmo Sakari; Ilomets, Simo; Kalamees, Targo** ICEARC'23 : The 3rd International Civil Engineering & Architecture Conference, Trabzon, Türkiye, 12-14 October 2023 : Proceedings ; Vol. 2: Architecture 2023 / p. 392-399 [https://icearc2023.glpmanger.com/documents/ICEARC'23\\_Proceedings\\_Architecture.pdf](https://icearc2023.glpmanger.com/documents/ICEARC'23_Proceedings_Architecture.pdf)

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

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

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

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

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

**Võsa, Karl-Villem; Ferrantelli, Andrea**; Tzanev, Dragomir; Simeonov, Kamen; Carnero, Pablo; Espigares, Carlos; Navarro Escudero, Miriam; Quiles, Pedro Vicente; Andrieu, Thibault; Battezzati, Florian; Kurnitski, Jarek E3S Web Conference: Cold Climate

HVAC and Energy 2021 2021 / art. 13003, 9 p <https://doi.org/10.1051/e3sconf/202124613003> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**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](#)

**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](#)

**A built environment perspective on post-disaster and conflictinduced displacement : a report of the REGARD project : rebuilding after displacement**

2022 [https://regardproject.com/portal/images/Downloads/Regard\\_Final\\_Project\\_Report\\_V2.pdf](https://regardproject.com/portal/images/Downloads/Regard_Final_Project_Report_V2.pdf)

**Bulk and interface recombination in TiO2/Sb2Se3 solar cells**

**Krautmann, Robert**; **Josepson, Raavo**; **Spalatu, Nicolae**; **Oja Acik, Ilona** Graduate School of Functional Materials and

Technology (GSFMT) Scientific Conference : abstracts 2022 / p. 28 [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

**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 archetypes and archetype patterns from the HL7 RIM and openEHR RM perspectives : towards interoperability and evolution of healthcare models and software systems**

**Piho, Gunnar**; **Tepandi, Jaak**; Thompson, Douglas; Woerner, Andreas; Parman, Marko Procedia computer science 2015 / p. 553-

560 : ill <https://doi.org/10.1016/j.procs.2015.08.384> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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

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

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

**Business 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/tjt-2024-0034> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Business programme dropout causes and the ceiling of retention**

**Lember, Elo**; **Niine, Tarvo**; **Küttim, Merle** Eighth International Conference on Higher Education Advances 2022 / p. 1279-1286

<http://ocs.editorial.upv.es/index.php/HEAD/HEAD22/paper/view/14436> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**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](#)

**CAC 2.0 : a corrupt and correct logic locking technique resilient to structural analysis attacks**

**Aksoy, Levent**; Yasin, Muhammad; **Pagliarini, Samuel Nascimento** 2024 IEEE 25th Latin American Test Symposium (LATS) : 9-

12 April 2024 (2024) 2024 <https://doi.org/10.1109/LATS62223.2024.10534592> [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](#)

### **CaF<sub>2</sub> solid-state 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](#)

### **CagA and VacA genotypes of Helicobacter pylori strains in Estonia and their resistance to antibiotics**

**Roots, Kaisa; Truu, Liisa**; Suurmaa, Külliki; Rütümann, Anna Maria; **Spuul, Pirjo** EHMSG - 35th International Workshop on Helicobacter & Microbiota in Inflammation & Cancer : accepted abstracts 2022 / art. e735, p. 34  
[https://doi.org/10.26355/mhd\\_20229\\_735](https://doi.org/10.26355/mhd_20229_735)

### **Calcium extraction from Estonian industrial wastes based on ammonium solvents**

**Tamm, Kadriann; Viires, Regiina; Kuusik, Rein, keemik; Uibu, Mai** Energy and sustainability VII 2018 / p. 465-476 : ill  
<https://doi.org/10.2495/ESUS170431> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **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 and compliance procedures of thermal bridges in energy calculations in various European countries**

**Kuusk, Kalle; Kurnitski, Jarek; Kalamees, Targo** Energy procedia 2017 / p. 27-32 : ill <https://doi.org/10.1016/j.egypro.2017.09.626>  
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **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 the amount of Estonian oil shale products from combustion in regular and oxy-fuel mode in a CFB boiler**

**Konist, Alar; Loo, Lauri; Valtsev, Aleksandr; Maaten, Birgit; Siirde, Andres; Nešumajev, Dmitri; Pihu, Tõnu** Oil shale 2014 / p. 211-224 : ill [https://artiklid.elnet.ee/record=b2680497\\*est](https://artiklid.elnet.ee/record=b2680497*est) <https://doi.org/10.3176/oil.2014.3.02> [Journal metrics at Scopus](#) [Article at Scopus](#)  
[Journal metric at WOS](#) [Article at WOS](#)

### **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>

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

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

### **Calorimetry as a tool for mechanistic studies of lipolytic enzymes under in vivo like conditions = Kalorimeetria rakendamise lipolüütiliste ensüümide mehhanismide uurimiseks**

**Risti, Robert** 2023 <https://doi.org/10.23658/taltech.19/2023> <https://digikogu.taltech.ee/et/Item/40f4a8ba-7a1a-4612-a455-00b1cc0d62d7>  
[https://www.ester.ee/record=b5560479\\*est](https://www.ester.ee/record=b5560479*est)

### **Cambrian Deimena Regional Stage sandstones – the oldest and most prospective geothermal reservoir in the Baltic Basin**

**Šogenova, Alla; Šogenov, Kazbulat**; Sliupa, Saulius; Sliapiene, Rasa; Jõelet, Argo; Zajacs, Aleksandrs XI Baltic Stratigraphical Conference : abstracts and field guide 2024 / p. 36 [https://www.ester.ee/record=b5696260\\*est](https://www.ester.ee/record=b5696260*est)  
<https://files.geocollections.info/6ec70b0d-243b-4503-862d-5de364ca95bb.pdf>

### **Campulse - TalTechi digilinnaku süda**

**Agabus, Hannes** Mente et Manu 2022 / lk. 34-35 : ill [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

### **Campulse toob ülikooli energiaandmed kokku**

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

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

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

### **Can blockchain, a swiftly evolving technology, be controlled?**

Kostakis, Vasileios; De Filippi, Primavera; Drechsler, Wolfgang theconversation.com 2017 [Can blockchain, a swiftly evolving technology, be controlled?](#)

### **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 I have a Mooc2Go, please? On the viability of mobile vs. stationary learning**

Zhao, Yue; Robal, Tarmo; Lofi, Christoph; Hauff, Claudia Lifelong Technology-Enhanced Learning : 13th European Conference on Technology Enhanced Learning : EC-TEL 2018, Leeds, UK, September 3-5, 2018 : proceedings 2018 / p. 101-115 : ill  
[https://doi.org/10.1007/978-3-319-98572-5\\_8](https://doi.org/10.1007/978-3-319-98572-5_8) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **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 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](#)

### **Cancer LncRNA Census reveals evidence for deep functional conservation of long noncoding RNAs in tumorigenesis**

Carlevaro-Fita, Joan; Lanzós, Andrés; Feuerbach, Lars; Hong, Chen; Mas-Ponte, David; Pedersen, Jakob Skou; Abascal, Federico; Amin, Samirkumar B.; Johnson, Rory; Uusküla-Reimand, Liis Communications Biology 2020 / Art. nr. 56  
<https://doi.org/10.1038/s42003-019-0741-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Candidate cancer driver mutations in distal regulatory elements and long-range chromatin interaction networks**

Zhu, Helen; Uusküla-Reimand, Liis; Isaev, Keren; Wadi, Lina; Alizada, Azad; Shuai, Shimin; Huang, Vincent; Aduloso-Nwaobasi, Dike; Paczkowska, Marta; Abd-Rabbo, Diala; Ocsenas, Oliver; Liang, Minggao; Thompson, J. Drew; Li, Yao; Ruan, Luyao; Krassowski, Michal; Dzieladze, 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](#)

### **Cannabinoids ( $\Delta^9$ -THC and CBD) quantitative analysis by in-situ portable drug analyzer Drug Hunter**

Gorbatšova, Jelena; Bolkvadze, V; Vaher, Merike; Halling, Evelin; Mazina-Šinkar, Jekaterina Flow Analysis XV, Krakow, Poland, June 26 - July 1, 2022 : book of abstracts 2022 / p. 155  
[https://flowanalysis2022.confer.uj.edu.pl/documents/148482257/0/ksi%C4%85%C5%BCKa+2022-05-28+str+numeracja+od+stopki+spad3mm+26\\_06+g+16.pdf/151f7dba-0b67-4e9b-af55-3f042f9b55ed](https://flowanalysis2022.confer.uj.edu.pl/documents/148482257/0/ksi%C4%85%C5%BCKa+2022-05-28+str+numeracja+od+stopki+spad3mm+26_06+g+16.pdf/151f7dba-0b67-4e9b-af55-3f042f9b55ed)

### **Cannabinoids ( $\Delta^9$ -THC and CBD) quantitative analysis by in-situ portable drug analyzer Drug Hunter**

Gorbatšova, Jelena; Bolkvadze, Vyacheslav; Vaher, Merike; Halling, Evelin; Mazina-Šinkar, Jekaterina Flow Analysis XV, Krakow, Poland, June 26 - July 1, 2022 : book of abstracts 2022 / p. 155  
[https://flowanalysis2022.confer.uj.edu.pl/documents/148482257/0/ksi%C4%85%C5%BCKa+2022-05-28+str+numeracja+od+stopki+spad3mm+26\\_06+g+16.pdf/151f7dba-0b67-4e9b-af55-3f042f9b55ed](https://flowanalysis2022.confer.uj.edu.pl/documents/148482257/0/ksi%C4%85%C5%BCKa+2022-05-28+str+numeracja+od+stopki+spad3mm+26_06+g+16.pdf/151f7dba-0b67-4e9b-af55-3f042f9b55ed)

### **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](#)

### **A canonical algebra of open transition systems**

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

### **Canonical gradings of monads**

Breuvar, Flavien; McDermott, Dylan; **Uustalu, Tarmo** Proceedings of the 5th Annual International Applied Category Theory Conference (ACT 2022), Glasgow, United Kingdom, 18-22 July 2022 2023 / p. 1-21 <https://doi.org/10.4204/eptcs.380.1>  
[https://msp.cis.strath.ac.uk/act2022/papers/ACT2022\\_paper\\_4328.pdf](https://msp.cis.strath.ac.uk/act2022/papers/ACT2022_paper_4328.pdf) Conference proceedings at Scopus Article at Scopus 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 condensation experiment for inverse modelling of porous building materials**

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

### **Capillary condensation redistribution (CCR) test: measurement results of 5 materials and comparison to modelling**

**Klõšeiko, Paul; Valk, Thorny; Põldaru, Mattias; Kalamees, Targo** Journal of Physics: Conference Series 2023 / 8 p  
<https://doi.org/10.1088/1742-6596/2654/1/012047> Conference proceedings at Scopus Article at Scopus

### **Capillary electrophoresis as a monitoring tool for flow composition determination**

**Kaljurand, Mihkel; Saar-Reismaa, Piret; Vaher, Merike; Gorbatsõva, 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

### **Capital in the twenty-first century, and an alternative**

**Kostakis, Vasileios** opendemocracy.net 2017 <https://www.opendemocracy.net/en/capital-in-twenty-first-century-and-alternative/>

### **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 capture and fixation using lime-containing wastes : the influence of aqueous phase composition on Ca dissolution from oil shale ash**

**Uibu, Mai; Kuusik, Rein; keemik** Energy procedia 2013 / p. 5913-5920 : ill <https://doi.org/10.1016/j.egypro.2013.06.517> Conference Proceedings at Scopus Article at Scopus Article at WOS

### **Carbon dioxide emission factors for oxy-fuel CFBC and aqueous carbonation of the Ca-rich oil shale ash**

**Loo, Lauri; Maaten, Birgit; Konist, Alar; Siirde, Andres; Nešumajev, Dmitri; Pihu, Tõnu** Energy procedia 2017 / p. 144-149 : ill  
<https://doi.org/10.1016/j.egypro.2017.09.034> Conference proceedings at Scopus Article at Scopus Article at WOS

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

**Leben, Kristjan; Mõtlep, Riho; Konist, Alar; Pihu, Tõnu; Kirsimäe, Kalle** Oil shale 2021 / p. 65–88 : ill  
<https://doi.org/10.3176/oil.2021.1.04> [https://kirj.ee/wp-content/plugins/kirj/pub/OS-1-2021-65-88\\_20210222125803.pdf](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 emissions of construction operations in a cold climate**

**Pikas, Ergo**; Lõhmus, Rauno; **Koskela, Lauri Jaakko**; Tetik, Müge; **Vendel, Kādi-Riin** Proceedings of the 32nd Annual Conference of the International Group for Lean Construction (IGLC 32) 2024 / p. 1063-1073 <https://doi.org/10.24928/2024/0228>

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

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

### **Carbon 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.

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

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

**13C- and 15N-labeling of amyloid- $\beta$  and inhibitory peptides to study their interaction via nanoscale infrared spectroscopy**

Paul, Suman; Jenišťová, Adéla; Vosough, Faraz; **Berntsson, Elina**; Möрман, 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](#)

**Carbonyl hypoiodites from pivalic and trimesic acid and their silver(i) intermediates**

Ward, Jas S.; **Martónova, Jevgenija**; Wilson, Laura M. E.; Kramer, Eric; **Aav, Riina**; Rissanen, Kari Dalton Transactions 2022 / p. 14646-14653 <https://doi.org/10.1039/D2DT01988D> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Cardiac 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](#)

**Cardiac pacing and monitoring : new methods, modern devices**

2019 [/intechopen.73811](#)

**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](#)

**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 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>

**A case study of printed circuit boards recycling by disintegrator technology**

**Klauson, Artur**; Goljandin, Dmitri; Kulu, Priit; **Antonov, Maksim**; Gustafsson, Göran; Davoodi, Ali Modern materials and manufacturing 2023 : Tallinn, Estonia, 2-4 May 2023 2024 / art. 040014 <https://doi.org/10.1063/5.0189208> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**A case study on the spatial variability of strength in a SFRSCC slab and its correlation with fibre orientation**

**Kartofelev, Dmitri**; Goidyk, Oksana; Herrmann, Heiko Proceedings of the Estonian Academy of Sciences 2020 / p. 298-310 : ill <https://doi.org/10.3176/proc.2020.4.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Case-Control study on occupational exposure to extremely low-frequency electromagnetic fields and the association with 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](#)

**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](#)

**Cash-based credit risk model based on Timothy Jury's template: review and modification with application to manufacturing company (2016-2022)**

**Litvinenko, Alexey; Alver, Jaan** Journal of Accounting and Management Information Systems = Contabilitate si Informatica de Gestiune 2023 / p. 147-172 <https://dx.doi.org/10.24818/jamis.2023.01008>

**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](#)

**A Categorical semantics for bounded Petri Nets**

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

**Categorical semantics for functional reactive programming with temporal recursion and corecursion**

**Jeltsch, Wolfgang** Proceedings of the 5th Workshop on Mathematically Structured Functional Programming (MSFP 2014) : Grenoble, France, 12 April 2014 2014 / p. 127-142 : ill <https://doi.org/10.4204/EPTCS.153.9> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**A categorical semantics for hierarchical Petri Nets**

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

**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](#)

**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](#)

**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](#)

**CCS Directive transposition into national laws in Europe: Progress and problems by the end of 2011**

**Šogenova, Alla**; Piessens, Kris; Ivask, Jüri; **Šogenov, Kazbulat**; Martínez, Robertor; Flomes, Kristin M.; Poulsen, Niels E.; Wójcicki, Adam; Šliaupa, Saulius; Kucharič, Ludovit; Dudu, Alexandra; Persoglia, Sergio; Holloway, Sam; Saftic, Bruno GHGT-11 Proceedings of the 11th International Conference on Greenhouse Gas Control Technologies, 18-22 November 2012, Kyoto, Japan 2013 / p. 7723 - 7731 <https://doi.org/10.1016/j.egypro.2013.06.718> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Celakoska-Jordanova, Vesna; Celakoska, Emilija; Miovska, Valentina. Free power-semicommutative ternary groupoids : [review]**

Henno, Jaak Zentralblatt MATH 2020 / 1 p <https://zbmath.org/?q=an:1436.08008>

**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, 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](#)

**Cellulose dissolution and transesterification in superbase ionic liquid [mTBNH][OAc] with green co-solvents = Tselluloosi lahustamine ja ümberesterdamine superaluselises ioonvedelikus [mTBNH][OAc] koos roheliste kaaslahustitega**

**Savale, Nutan Bharat** 2025 [https://www.ester.ee/record=b5734584\\*est](https://www.ester.ee/record=b5734584*est) <https://digikogu.taltech.ee/et/Item/85b4caf4-fab7-44a7-96a6-d7f5861795f6> <https://doi.org/10.23658/taltech.13/2025>

**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 Baltic Sea Circulation Experiment – first results**

**Liblik, Taavi;** Rak, Daniel; **Siht, Enriko; Väli, Germa;** Karstensen, Johannes; Tuomi, Laura; Biddle, Louise; **Lilover, Madis-Jaak;** Skudra, Maris; **Lips, Urmas** New challenges for Baltic Sea Earth System research : conference proceedings 2024 / p. 145-146 [https://baltic.earth/imperia/md/assets/baltic\\_earth/baltic\\_earth/baltic\\_earth/5bec\\_proceedings.pdf](https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/baltic_earth/5bec_proceedings.pdf)

**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](#)

**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; Hermann, 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](#)

**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 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 for agriculture industry companies in India to create a sustainable business model

Gupta, Amit; Sceulovs, Deniss; **Ojasoo, Merle** 13th International Scientific Conference "Business and Management 2023" 2023 / art. bm.2023.1082, p. 199-205 <https://doi.org/10.3846/bm.2023.1082>

## Challenges in mechanistic investigation of a flexible aminocatalyst as demonstrated through enamine formation

**Osadchuk, Irina**; **Kanger, Tõnis** ChemistryOpen 2025 / art. 2500116 <https://doi.org/10.1002/open.202500116> <https://chemistry-europe.onlinelibrary.wiley.com/doi/10.1002/open.202500116>

## Challenges in noninvasive skin biomarker measurements in daily practice : a longitudinal study on skin surface protein detection by the transdermal analysis patch in pediatric psoriasis

Schaap, Mirjam J.; Bruins, Finola M.; Van Den Brink, Noa J.M.; **Orro, Kadri**; Groenewoud, Hans M.M.; De Jong, Elke M.G.J.; Van Den Bogaard, Ellen H.; Seyger, Marieke M.B. Skin Pharmacology and Physiology 2022 / p. 319 - 327 <https://doi.org/10.1159/000527258> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Challenges of active learning in a view of integrated engineering education

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

## Challenges of applying e-learning in the libyan higher education system

Ghawail, Entisar Alhadi Al; **Ben Yahia, Sadok**; Alrshah, Mohamed A. International journal of advanced trends in computer science and engineering 2019 / p. 38-43 : ill <https://doi.org/10.30534/ijatcse/2019/0681.42019> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

**Prilenska, Viktorija**; **Paadam, Katrin**; **Liias, Roode** Journal of architecture and urbanism 2020 / p. 109-121 <https://doi.org/10.3846/jau.2020.12223> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Challenges of microgrids in remote communities: a STEEP model application

Akinyele, Daniel; **Belikov, Juri**; Levron, Yoash Energies 2018 / art. 432, 35 p. : ill <https://doi.org/10.3390/en11020432> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metric at WOS](#) [Article at WOS](#)

## Challenges of reliability assessment and enhancement in autonomous systems

**Jenihhin, Maksim**; Sonza Reorda, Matteo; **Balakrishnan, Aneesh**; Alexandrescu, Dan 2019 IEEE International Symposium on Defect and Fault Tolerance in VLSI and Nanotechnology Systems (DFT 2019) 2019 / 6 p <https://doi.org/10.1109/DFT.2019.8875379>

## 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, benefits, and open questions in data-driven commercial building cooling optimization

**Sukhanov, Ivan**; **Volkova, Anna**; **Köse, Ahmet**; Hani, Allan; **Petlenkov, Eduard** E3S Web of Conferences : BuildSim Nordic 2024 2024 / art. 06003 <https://doi.org/10.1051/e3sconf/202456206003>

## 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](#)

## Change in the carbon footprint of Iranians' food consumption from 1961 to2019: A decomposition analysis of drivers

**Bashiri, Bashir**; Zehtabvar, Mehmaz; Gavrilova, Olga; **Vilu, Raivo** 13th International Conference Biosystems Engineering, Tartu, Estonia, May 5-7, 2023 : book of abstracts 2023 / p. 11 [https://dspace.emu.ee/bitstream/handle/10492/8106/ABS\\_2023\\_Book\\_VV.pdf?sequence=4&isAllowed=y](https://dspace.emu.ee/bitstream/handle/10492/8106/ABS_2023_Book_VV.pdf?sequence=4&isAllowed=y) [https://www.ester.ee/record=b5569707\\*est](https://www.ester.ee/record=b5569707*est)

## 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 EEG measures of a recipient of the mRNA COVID-19 vaccine - a case study**

**Uudeberg, Tuuli; Hinrikus, Hiie; Päeske, Laura**; Lass, Jaanus; Bachmann, Maie 2022 44th Annual International Conference of the IEEE Engineering in Medicine & Biology Society (EMBC) 2022 / p. 3702-3705 <https://doi.org/10.1109/EMBC48229.2022.9871524>  
[Conference Proceedings at Scopus](#) [Article at Scopus](#)

**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 shelf phosphorus burial during the Hirnantian glaciation and its implications**

Müller, Johann; Joachimski, Michael M.; Lehnert, Oliver; **Männik, Peep**; Sun, Yadong Estonian journal of earth sciences 2023 / p. 151  
<https://doi.org/10.3176/earth.2023.19>

**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 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](#)

**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; **Tõnurist, 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](#)

**Changing subsurface oxygen conditions in the Baltic Sea basins – analyzing the drivers at different temporal scales = Pinnaaluste hapnikutingimuste muutused Läänemere alambasseinides - erinevatel ajaskaaladel mõju avaldavate tegurite analüüs**

**Stoicescu, Stella-Theresa** 2023 <https://doi.org/10.23658/taltech.48/2023> <https://digikogu.taltech.ee/et/Item/f329b858-a574-485f-a399-3a962def6952> [https://www.ester.ee/record=b5638609\\*est](https://www.ester.ee/record=b5638609*est)

**Channel characterization at 2.4 GHz for aerial base station**

**Sharma, Navuday**; Magarini, Maurizio; Reggiani, Luca; **Alam, Muhammad Mahtab** Procedia computer science 2019 / p. 1092-1099 <https://doi.org/10.1016/j.procs.2019.04.155> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Characterisation of chemical, microbial and sensory profiles of commercial kombuchas**

Anderson, 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 frost-retted hemp fibres for use as reinforcement in biocomposites = Külmligu kanepikiudude karakteriseerimine kasutamiseks sarrusena biokomposiitides**

**Alao, Percy Festus** 2022 <https://doi.org/10.23658/taltech.31/2022> <https://digikogu.taltech.ee/et/Item/1cb2c061-7df8-4d8b-806a-fd53ea8820b5> [https://www.ester.ee/record=b5500189\\*est](https://www.ester.ee/record=b5500189*est)

**Characterising and determining the botanical origin of Estonian honeys = Eesti mete iseloomustamine ja botaanilise päritolu määramine**

**Kivima, Evelin** 2022 <https://doi.org/10.23658/taltech.24/2022> <https://digikogu.taltech.ee/et/Item/eae59bf7-e2f3-4681-ba7c-c603889c2ef1> [https://www.ester.ee/record=b5502347\\*est](https://www.ester.ee/record=b5502347*est)

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

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

### A Characterization of Amenable Groups by Besicovitch Pseudodistances

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

### Characterization of ash melting of reed and wheat straw blend

**Link, Siim**; Yrjas, Patrik; Lindberg, Daniel; **Trikkel, Andres** ACS omega 2022 / p. 2137-2146 : ill <https://doi.org/10.1021/acsomega.1c05087> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Characterization of bacterial dye-decolorizing peroxidases = Bakteriaalsete värvi pleegitavate peroksüdaaside iseloomustamine

**Pupart, Hegne** 2024 [https://www.ester.ee/record=b5713840\\*est](https://www.ester.ee/record=b5713840*est) <https://digikogu.taltech.ee/et/Item/d40055e9-2600-4e49-8aec-3f561267772e> <https://doi.org/10.23658/taltech.72/2024>

### 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**; **Raadi, Taavi**; **Altosaar, Mare**; **Danilson, Mati**; **Krustok, Jüri**; Paaver, Peeter; Butenko, Yuriy Materials advances 2023 / p. 1565 - 1575 <https://doi.org/10.1039/D3MA00697b> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Characterization of gas-atomized equiatomic AlCoCrFeNi powder for additive manufacturing

**Karimi, Javad**; **Kollo, Lauri**; **Prashanth, Konda Gokuldoss** Metallurgical and materials transactions A : Physical metallurgy and materials science 2023 / p. 3417-3424 : ill <https://doi.org/10.1007/s11661-023-07129-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Characterization of 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-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>12</sub> and LiI : [conference paper]

**Ghisani, Fairouz**; **Timmo, Kristi**; **Altosaar, Mare** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / p. 29 [https://fmdtk.ut.ee/wp-content/uploads/2021/06/GSFMT\\_abstractbook\\_2021.pdf](https://fmdtk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf)

### **Characterization of the applied materials for floating offshore wind turbine members: A review on the current state**

Wijaya, Muhammad Rizky Arga; Adiputra, Ristiyanto; Aditya Rio, Prabowo; **Putranto, Teguh**; Smaradhana, Dharu Feby Procedia Structural Integrity, vol 37 2023 / p. 41-49 : ill <https://doi.org/10.1016/j.prostr.2023.07.108> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Characterization of the ensemble of lignin-remodeling DyP-type Peroxidases from Streptomyces coelicolor A3(2)**

Pupart, Hegne; Jõul, Piia; **Bramanis, Melissa Ingela**; Lukk, Tiit Energies 2023 / art. 1557, 15 p. : ill <https://doi.org/10.3390/en16031557> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Characterization of the municipal plastic and multilayer packaging waste in three cities of the Baltic states**

Lyshtva, Pavlo; Torkelis, Arturas; **Kobets, Yaroslav**; Carpio-Vallejo, Estefania; Dobri, Andrea; Barbir, Jelena; **Voronova, Viktoria**; Denafas, Gintaras; Kliucininkas, Linas Sustainability 2025 / art. 986 <https://doi.org/10.3390/su17030986>

### **Characterization of the nuclear matrix targeting sequence (NMTS) of the BPV1 E8/E2 protein - the shortest known NMTS**

Sankovski, Eve; Karro, Kristiina; **Sepp, Mari**; **Kurg, Reet**; Ustav, Mart; Abro, Aare Nucleus 2015 / p. 289-300 : ill <https://doi.org/10.1080/19491034.2015.1074359> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Characterization of the temperature dependent behavior of snappy phenomenon by the switching-off of GaAs power diode structures**

Koel, Ants; Rang, Toomas; Rang, Galina Heat transfer XIII : simulation and experiments in heat and mass transfer 2014 / p. 439-449 : ill <https://doi.org/10.2495/HT140381> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Characterization of the vaginal micro- and mycobiome in asymptomatic reproductive-age Estonian women**

Drell, Tiina; Lillsaar, Triin; Tummleht, Lea; Simm, Jaak; **Aaspõllu, Anu**; Väin, Edda; Saarma, Ivo; Salumets, Andres; Donders, Gilbert G. G.; **Metsis, Madis** PLoS ONE 2013 / p. 1-11 : ill <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0054379> <https://doi.org/10.1371/journal.pone.0054379> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Characterization of TiC-FeCrMn cermets produced by powder metallurgy method**

Kolnes, Märt; Kübarsepp, Jakob; Kollo, Lauri; Viljus, Mart Medžiagotyra = Materials science 2015 / p. 353-357 : ill <https://doi.org/10.5755/j01.ms.21.3.7364> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Characterization of Uranyl (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 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](#)

### **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](#)

### **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 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](#)

#### **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](#)

#### **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](#)

#### **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 auxiliaries and chirogenesis ii**

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

#### **Chiral hemicucurbit[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**; **Lõokene, 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 Hemicucurbit[N]Urils, their synthesis, post functionalization and application**

**Mishra, Kamini Atindrakumar**; **Aav, Riina** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / O 21 [https://fmdtk.ut.ee/wp-content/uploads/2021/06/GSFMT\\_abstractbook\\_2021.pdf](https://fmdtk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf)

#### **Chiral heterocycle-based receptors for enantioselective recognition**

Khose, Vaibhav N.; John, Marina E.; Pandey, Anita D.; **Borovkov, Victor**; Karnik, Anil V. 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; **Ustmul, 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](#)

#### **Chirality induction and self-assembly of metallo-porphyrins by chiral cyclohexanohemicucurbiturils**

**Aav, Riina** Twelfth International Conference on Porphyrins and Phthalocyanines : ICPP-12 : book of abstracts 2022 / p. 9 [http://www.icpp-spp.org/img\\_icpp12/ICPP-12%20BOA.pdf](http://www.icpp-spp.org/img_icpp12/ICPP-12%20BOA.pdf)

#### **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

### **Chirogenic interaction of chiral cyclohexanohemicucurbit[n]urils with bis(Zn porphyrin)**

**Šakarašvili, Marko; Ustrnul, Lukas; Konrad, Nele; Aav, Riina** Twelfth International Conference on Porphyrins and Phthalocyanines : ICPP-12 : book of abstracts 2022 / p. 448 [http://www.icpp-spp.org/img\\_icpp12/ICPP-12%20BOA.pdf](http://www.icpp-spp.org/img_icpp12/ICPP-12%20BOA.pdf)

### **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](#)

### **Chironomid-climate continentality conundrum**

**Bakumenko, Varvara; Poska, Anneli; Birks, Hillary John Betteley; Huser, Brian; Veski, Siim** PLoS One 2025 / art. e0327780 : ill., map <https://doi.org/10.1371/journal.pone.0327780>

### **Chitinozoan nomenclature and databases**

Camina, Sonia; **Hints, Olle;** Butcher, Anthony Estonian journal of earth sciences 2023 / p. 123 <https://doi.org/10.3176/earth.2023.21>

### **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](#)

### **Chitosan nanoparticles having higher degree of acetylation induce resistance against pearl millet downy mildew through nitric oxide generation**

Siddaiah, Chandra Nayaka; Prasanth, Keelara Veerappa Harish; Satyanarayana, Niranjan Raj; Mudili, Venkataramana; **Gupta, Vijai Kumar;** Kalagatur, Naveen Kumar; Satyavati, Tara; Dai, Xiao-Feng; Chen, Jie-Yin; Mocan, Andrei Scientific reports 2018 / art. 2485, 14 p. : ill <https://doi.org/10.1038/s41598-017-19016-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at Scopus](#) [Article at WOS](#)

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

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

### **Chloromethylation of lignin as a route to functional material with catalytic properties in cross-coupling and click reactions : preprint**

**Mohan, Mahendra Kothottil; Silenko, Oleg; Krasnou, Illia; Volobujeva, Olga; Kulp, Maria; Ošeka, Maksim; Lukk, Tiit; Karpichev, Yevgen** ChemRxiv 2023 / 20 p <https://doi.org/10.26434/chemrxiv-2023-w98xc>

### **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](#)

### **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 economy practices in manufacturing SMEs: exploration of stakeholder pressure, managerial perception, and the mediating role of circular economy orientation**

**Ahmadov, Tarlan; Durst, Susanne;** Nguyen, Quang M.; Foli, Samuel; **Gerstlberger, Wolfgang Dieter** Circular economy 2025 / 29 p <https://doi.org/10.55845/BKUT9454>

### **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](#)

### **Circular renovation of an apartment building with prefabricated insulation elements**

**Nigumann, Eero; Kalamees, Targo; Kuusk, Kalle; Pihelo, Peep** 5th International Conference Forum Wood Building Baltic : 26-28 February 2024, Tallinn, Estonia : proceedings 2024 / p. 96-97 : ill <https://digikogu.taltech.ee/et/Item/22318c67-e0ef-42f1-88c7-34c9d9677b17> [https://www.ester.ee/record=b5668645\\*est](https://www.ester.ee/record=b5668645*est)

### **Circularity concepts for offsite prefabricated energy renovation of apartment buildings**

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

### **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-2019-0014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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

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

### **Citizen-oriented digital transformation in the public sector**

**Mergel, Ines; Kattel, Rainer; Lember, Veiko; McBride, Keegan David Braun** dg.o 18 : Proceedings of the 19th Annual International Conference on Digital Government Research : Governance in the Data Age : Delft, Netherlands, May 30-June 01, 2018 2018 / art. 122, 3 p <https://doi.org/10.1145/3209281.3209294> [Conference proceedings at Scopus](#) [Article at Scopus](#) [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](#)

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

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

### **Class-selective molecularly imprinted polymer-based sensor for macrolide antibiotics detection**

**Ayankojo, Akinrinade George; Nguyen, Vu Bao Chau; Reut, Jekaterina; Öpik, Andres; Söritski, Vitali** International Conference on Chemical Sensors : Mátrafüred 2022 / p. 70 [https://matrafured.ch/MatrafuredScientificProgram\\_2022.pdf](https://matrafured.ch/MatrafuredScientificProgram_2022.pdf)

### **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](#)

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

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

### **Climate change and antibiotic resistance : a looming global health crisis**

**Khalid, Sadia** The European Sting 2023 [Climate change and antibiotic resistance: A looming global health crisis](#)

### **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 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 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.; Andrić, M.; Veski, Siim** Quaternary science reviews 2014 / p. 206-224 : ill <https://doi.org/10.1016/j.quascirev.2014.06.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Climatic and vegetational controls of Holocene wildfire regimes in the boreal forest of northern Fennoscandia**

**Remy, Cecile C.; Magne, Gwenael; Stivrins, 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](#)

### **ClimMIT - Climate change mitigation with CCS and CCU technologies**

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

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

**Shevchenko, Viktor; Pakhaliuk, Bohdan; Zakis, Janis; Veligorskyi, Oleksandr; Luszcz, Jaroslaw; Husev, Oleksandr; 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](#)

### **Closed-loop droplet size control in microfluidics = Suletud ahelaga tilkade suuruse juhtimine mikrofluidikas**

**Gyimah, Nafisat** 2024 <https://digikogu.taltech.ee/et/Item/c4a0c9de-83e5-41ff-bdcf-24ba61182d1f> [https://www.estar.ee/record=b5698980\\*est](https://www.estar.ee/record=b5698980*est) <https://doi.org/10.23658/taltech.47/2024>

### **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](#)

### **Closing the loop with automated adaptive disassembly**

**Schmitt, R. H.; Göppert, A.; Sohnius, F.; Frye, M.; Balzereit, F.; Elsner, J.; Briele, K.; Bergs, L.; Bitter-Krahe, J.; Drechsel, M.; Häring, Tobias** Empower Green Production: Conference proceedings : AWK'23, May 11-12, 2023 2023 / p. 61-89 : ill <https://doi.org/10.24406/publica-943>

### **Cloud computing: serverless**

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

### **Cluster 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](#)

**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](#)

**The CMS fast beam condition monitor for HL-LHC**

Auzinger, G.; Bakhshiansohi, H.; Dabrowski, A.; Delannoy, A.G.; Dierlamm, A.; Dragicevic, M.; Gholami, A.; Gomez, G.; Jenihhin, Maksim; **Shibin, Konstantin** Journal of instrumentation 2024 / art. C03048, 10 p. : ill <https://doi.org/10.1088/1748-0221/19/03/C03048> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

**CNC-töötlemiskeskused puidutööstuses**

**Kiiman, Karmo**; Serg, Rene Puidutöötlemise õpik 2025 / lk. 406-448 : ill [https://www.ester.ee/record=b5714083\\*est](https://www.ester.ee/record=b5714083*est)  
<https://digikogu.taltech.ee/et/Item/32f67368-0b3f-4f3d-9c57-26b8d9d7bc93>

**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 mineralisation : concept for co-utilization of oil shale energetics waste streams in CaCO3 production**

**Velts, Olga; Uibu, Mai; Kallas, Juha; Kuusik, Rein, keemik** Energy procedia 2013 / p. 5921-5928 : ill  
<https://www.sciencedirect.com/science/article/pii/S1876610213007613> <https://doi.org/10.1016/j.egypro.2013.06.518> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**CO2 mineralisation : production of CaCO3-type material in a continuous flow disintegrator-reactor**

**Velts, Olga; Kindsigo, Merit; Uibu, Mai; Kallas, Juha; Kuusik, Rein, keemik** Energy procedia 2014 / p. 5904-5911 : ill  
<https://doi.org/10.1016/j.egypro.2014.11.625> [Conference proceedings 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 2020 / p. 991-999 : ill <https://doi.org/10.1007/s10973-020-09349-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Šliaupa, Saulius; Lojka, Richard; Tasáryova, Zuzana; Kolejka, Vladimir; Hladík, Vit; 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.pgi.gov.pl/article/view/7856/pdf\\_954](https://gg.pgi.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](#)

**Coaching-võtete kasutamine muudab tunnid ja kohtumised tähenduslikumaks**

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

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

### **Coastal 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 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](#)

### **Coastal processes and erosion with and without swell waves and tides in marginal seas**

**Parnell, Kevin Ellis; Soomere, Tarmo** New challenges for Baltic Sea Earth System research : conference proceedings 2024 / p. 163–164 [https://baltic.earth/imperia/md/assets/baltic\\_earth/baltic\\_earth/baltic\\_earth/5bec\\_proceedings.pdf](https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/baltic_earth/5bec_proceedings.pdf)

### **Coastal sea level trend using multi mission along track satellite altimetry for the Baltic Sea**

**Mostafavi, Majid; Delpeche-Elmann, Nicole Camille; Elmann, Artu** XXVIII General Assembly of the International Union of Geodesy and Geophysics (IUGG) 2023 / 1 p <https://doi.org/10.57757/IUGG23-4967>

### **Coastal vulnerability of the eastern Baltic Sea with respect to extreme minima of sea level**

**Viigand, Katri; Eelsalu, Maris; Soomere, Tarmo** New challenges for Baltic Sea Earth System research : conference proceedings 2024 / p. 78–79 [https://baltic.earth/imperia/md/assets/baltic\\_earth/baltic\\_earth/baltic\\_earth/5bec\\_proceedings.pdf](https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/baltic_earth/5bec_proceedings.pdf)

### **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 method for fostering cultural tourism impact**

Pasandideh, Shabnam; Martins, João F.; Pereira, Pedro; Gandini, Alessandra; De la cal, Mikel Zubiaga; **Kalvet, Tarmo**; Koor, Tatjana; Sopelana, Amaia Advances in Cultural Tourism Research : Proceedings 2025 / p. 35–46 [https://doi.org/10.1007/978-3-031-65537-1\\_3](https://doi.org/10.1007/978-3-031-65537-1_3)

### **Co-culture process development using individual substrates**

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

### **CogniFlow: integrated modular system for automated droplet microfluidic bioanalysis**

**Jõemaa, Rauno; Afrin, Fariha; Gyimah, Nafisat**; Ashraf, Kanwal; **Pärnamets, Kaiser**; Giese, Lucas; Rocancourt, Mathieu; **Pardy, Tamas** EUROSENSORS XXXVI : abstract book 2024 / PT6.188, p. 453–454 <https://doi.org/10.5162/EUROSENSORSXXXVI/PT6.188>

### **Cogniflow-drop : integrated modular system for automated generation of droplets in microfluidic applications**

**Jõemaa, Rauno; Gyimah, Nafisat; Ashraf, Kanwal; Pärnamets, Kaiser; Zaft, Alexander; Scheler, Ott; Rang, Toomas; Pardy, Tamas** IEEE Access 2023 / p. 104905–104929 <https://doi.org/10.1109/ACCESS.2023.3316726> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Cognitive disorders in patients with chronic kidney disease : approaches to prevention and treatment**

Pepin, Marion; Klimkowicz-Mrowiec, Aleksandra; Godefroy, Oliver; Delgado, Pilar; Carriazo, Sol; Ferreira, Ana Carina; Golenia, Aleksandra; Malyszko, Jolanta; Grodzicki, Tomasz; Giannakou, Konstantino; Andrade, Alexandre; **Bachmann, Maie; Fridolin, Ivo** European Journal of Neurology 2023 / p. 2899–2911 : ill <https://doi.org/10.1111/ene.15928>

### **Cognitive disorders in patients with chronic kidney disease : specificities of clinical assessment**

Pepin, Marion; Ferreira, Ana Carina; Arici, Mustafa; **Bachmann, Maie**; Barbieri, Michelangela; Bumblyte, Inga Arune Nephrology Dialysis Transplantation 2022 / p. ii23–ii32 <https://doi.org/10.1093/ndt/gfab262> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Coherence for skew-monoidal categories**

**Uustalu, Tarmo** Proceedings of the 5th Workshop on Mathematically Structured Functional Programming (MSFP 2014) : Grenoble, France, 12 April 2014 2014 / p. 68–77 <https://doi.org/10.4204/EPTCS.153.5> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Coherent enterprise information modeling for 5G private network feasibility**

Jairus, Tanel; Pilvik, Riivo; Kõrbe Kaare, Kati; Sadam, Arvi; Kuhi, Kristjan Proceedings of the Estonian Academy of Sciences 2024 / p. 100-107 <https://doi.org/10.3176/proc.2024.2.01>

### **Coherent enterprise information modelling for 5G private network feasibility**

Jairus, Tanel; Pilvik, Riivo; Kõrbe Kaare, Kati; Sadam, Arvi; Kuhi, Kristjan Modern materials and manufacturing 2023 : Tallinn, Estonia, 2-4 May 2023 2024 / art. 020012 <https://doi.org/10.1063/5.0196899> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Coil-to-coil efficiency of ISS-compensated inductive wireless power transfer links operating with load-independent output voltage at fixed frequency**

Belenky, A.; Chub, Andrii; Kuperman, A. 2023 International Conference on Clean Electrical Power (ICCEP) 2023 / p. 617-621 : ill <https://doi.org/10.1109/ICCEP57914.2023.10247404>

### **Coinductive big-step semantics for concurrency**

Uustalu, Tarmo Proceedings 5th Workshop on : Programming Language Approaches to Concurrency and Communication-cEntric Software, Rome, Italy, 23rd March 2013 2013 / p. 63-78 <https://doi.org/10.4204/EPTCS.137.6> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Collaboration Between Industrial, Collaborative, Humanoid Robots and Humans**

Kekšin, Vjatcheslav; Ponomar, Sergei; Sarkans, Martinš; Kuts, Vladimir; Pavlov, Sergei Journal of Machine Engineering 2025 / p. 100-110 : ill <https://doi.org/10.36897/jme/203790>

### **The collaboration dilemma in smart city projects : time to ask the right questions**

Thabit Gonzalez, Sara; Mora, Luca Organization 2024 <https://doi.org/10.1177/13505084231183949> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### **Collaborative project management framework for partner network initiation**

Ševtšenko, Eduard; Poljantšikov, Igor; Mahmood, Kashif; Kangilaski, Taivo; Norta, Alexander Procedia engineering 2015 / p. 159-168 : ill <https://doi.org/10.1016/j.proeng.2015.01.354> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Collages of string diagrams**

Braithwaite, Dylan; Roman Garcia, Mario 6th International Conference on Applied Category Theory, ACT 2023, Hybrid, College Park, 31 July 2023 - 4 August 2023 2023 / p. 39-53 <https://doi.org/10.4204/EPTCS.397.3> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Color center fluorescence and spin manipulation in single crystal, pyramidal diamond tips**

Nelz, Richard; Fuchs, Philipp; Podgurski, Vitali Applied physics letters 2016 / p. 193105-1 - 193105-4 : ill <https://doi.org/10.1063/1.4967189> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Colorectal polyps increase the glycolytic activity**

Rebane-Klemm, Egle; Reinsalu, Leenu; Puurand, Marju; Ševtšuk, Igor; Bogovskaja, Jelena; Suurmaa, Külliki; Valvere, Vahur; Moreno-Sanchez, Rafael; Käämbre, Tuuli Frontiers in oncology 2023 / art. 1171887, 11 p. : ill <https://doi.org/10.3389/fonc.2023.1171887> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Column water vapour : an intertechnique comparison of estimation methods in Estonia**

Keernik, Hannes; Ohvri, Hanno; Jakobson, Erko; Rannat, Kalev; Luhamaa, Andres Proceedings of the Estonian Academy of Sciences 2014 / p. 37-47 : ill [https://artiklid.elnet.ee/record=b2665209\\*est](https://artiklid.elnet.ee/record=b2665209*est) <https://doi.org/10.3176/proc.2014.1.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Combinational inhibitory action of hedychium spicatum L. essential oil and γ-radiation on growth rate and mycotoxins content of fusarium graminearum in maize: response surface methodology**

Kalagatur, Naveen Kumar; Kamasani, Jalarama R.; Siddaiah, Chandranayaka; Gupta, Vijai Kumar; Krishna, Kadirvelu; Mudili, Venkataramana Frontiers in microbiology 2018 / art. 1511, 15 p. : ill <https://doi.org/10.3389/fmicb.2018.01511> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Combinative solution processing and Li doping approach to develop p-type NiO thin films with enhanced electrical properties**

Oluwabi, Abayomi Titilope; Spalatu, Nicolae; Maticiu, Natalia; Katerski, Atanas; Mere, Arvo; Krunks, Malle; Oja Acik, Ilona Frontiers in materials 2023 / 12 p. : ill <https://doi.org/10.3389/fmats.2023.1060420> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Combined 3D building surveying techniques – terrestrial laser scanning (TLS) and total station surveying for BIM data**

## management purposes

**Mill, Tarvo; Alt, Aivars; Liias, Roode** Journal of civil engineering and management 2013 / p. S23-S32 : ill

[https://www.researchgate.net/publication/261643973\\_Combined\\_3D\\_building\\_surveying\\_techniques-Terrestrial\\_laser\\_scanning\\_TLS\\_and\\_total\\_station\\_surveying\\_for\\_BIM\\_data\\_management\\_purposes](https://www.researchgate.net/publication/261643973_Combined_3D_building_surveying_techniques-Terrestrial_laser_scanning_TLS_and_total_station_surveying_for_BIM_data_management_purposes)

<https://doi.org/10.3846/13923730.2013.795187> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

## Combined action of albumin and heparin regulates lipoprotein lipase oligomerization, stability, and ligand interactions

**Risti, Robert; Gunn, Kathryn H.; Hiis-Hommuk, Kristofer; Seeba, Natjan-Naatan; Karimi, Hamed; Villo, Ly; Vendelin, Marko;**

**Neher, Saskia B.; Lõokene, Aivar** PLoS ONE 2023 / art. e0283358, 24 p. : ill <https://doi.org/10.1371/journal.pone.0283358> Journal

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

## Combined analysis of Cryosat-2/SMOS sea icethickness data with model reanalysis fields over the Baltic Sea

**Raudsepp, Urmas; Uiboupin, Rivo; Maljutenko, Ilja;** Hendricks, Stefan; Ricker, Robert; Liu, Ye; Iovino, Doroteaciro; Peterson, K.

Andrew; Zuo, Hao; Lavergne, Thomas; Aaboe, Signe; Raj, Roshin P. Journal of operational oceanography 2019 / p. s73-s79 : ill., map

<https://doi.org/10.1080/1755876X.2019.1633075>

## A combined analysis of the drying and decomposition kinetics of wood pyrolysis using non-isothermal thermogravimetric methods

Ochieng, Richard; **Ceron, Alejandro Lyons; Konist, Alar;** Sarker, Shiplu Energy conversion and management : X 2023 / art.

100424, 12 p. : ill <https://doi.org/10.1016/j.ecmx.2023.100424> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article

[at WOS](#)

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

Shuai, Shimin; Abascal, Federico; Amin, Samirkumar B.; Bader, Gary D.; Bandopadhyay, Pratiti; Barenboim, Jonathan; Beroukhim,

Rameen; Bertl, Johanna; Boroevich, Keith A.; **Uusküla-Reimand, Liis** Nature Communications 2020 / art. 734

<https://doi.org/10.1038/s41467-019-13929-1> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

## Combined effect of heavy metals on the activated sludge process

**Lember, Erki;** Retšnoi, Vitali; **Pachel, Karin; Loigu, Enn** Proceedings of the Estonian Academy of Sciences 2018 / p. 305-314 : ill

[http://www.kirj.ee/public/proceedings\\_pdf/2018/issue\\_4/proc-2018-4-305-314.pdf](http://www.kirj.ee/public/proceedings_pdf/2018/issue_4/proc-2018-4-305-314.pdf) <https://doi.org/10.3176/proc.2018.4.02> Journal metrics at

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

## Combined effects of test media and dietary algae on the toxicity of CuO and ZnO nanoparticles to freshwater microcrustaceans daphnia magna and heterocypris incongruens : food for thought

**Muna, Marge;** Blinova, Irina; Kahru, Anne; Vrček, Ivana Vinković; Pem, Barbara; Orupõld, Kaja; Heinlaan, Margit Nanomaterials 2019

/ art. 23 <https://doi.org/10.3390/nano9010023> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

## Combined safety and cybersecurity testing methodology for autonomous driving algorithms

**Roberts, Andrew James; Malayjerdi, Mohsen; Malayjerdi, Ehsan; Maennel, Olaf Manuel** CSCS '22 : Proceedings of the 6th

ACM Computer Science in Cars Symposium 2022 / art. 12, 10 p <https://doi.org/10.1145/3568160.3570235>

## Combined strain rate, mesh size and calibration test influence on structural failure : Miniature ship grounding test

Calle, Miguel A. G.; Oshiro, Roberto E.; **Körgesaar, Mihkel** Ocean engineering 2019 / p. 215-226 : ill

<https://doi.org/10.1016/j.oceaneng.2019.01.002> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

## Combined treatment of pyrogenic wastewater from oil shale retorting

Klein, Kati; **Kattel, Eneliis; Goi, Anna;** Kivi, Arthur; **Dulova, Niina;** Saluste, Alar; Zekker, Ivar; **Trapido, Marina;** Tenno, Taavo Oil

shale 2017 / p. 82-96 : ill <https://doi.org/10.3176/oil.2017.1.06> [https://artiklid.elnet.ee/record=b2816468\\*est](https://artiklid.elnet.ee/record=b2816468*est) Journal metrics at Scopus Article

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

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

**Voorneveld, Niels** Electronic notes in theoretical computer science 2020 / p. 257-281 <https://doi.org/10.1016/j.entcs.2020.09.013>

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

## Combining bioenergy and nature conservation: An example in wetlands

Melts, Indrek; **Ivask, Mari;** Geetha, Mohan; Takeuchi, Kazuhiko; Heinsoo, Katrin Renewable and sustainable energy reviews 2019 / p.

293-302 <https://doi.org/10.1016/j.rser.2019.05.028> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

## Combustion synthesis and reactive spark plasma sintering of non-equiatomical coal-based high entropy intermetallics

Kuskov, Kirill Vasilevich; Nepapushev, Andrey A.; **Aydinyan, Sofiya;** Shaysultanov, Dmitry G.; Stepanov, Nikita D.; Nazaretyan,

Khachik; Kharatyan, Suren; Zakharova, Elena V.; Belov, Dmitry S.; Moskovskikh, Dmitry O. Materials 2023 / art. 1490

<https://doi.org/10.3390/ma16041490> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

## Combustion synthesis of MAX phases: microstructure and properties inherited from the processing pathway

**Aydinyan, Sofiya** Crystals 2023 / art. 1143 <https://doi.org/10.3390/cryst13071143> Journal metrics at Scopus Article at Scopus Journal

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

### **Combustion synthesis of nanoscale boron and silicon carbides**

Zakaryan, Marieta; Amirkhanyan, Narine; Kirakosyan, Hasmik; Zurnachyan, Alina; **Aydinyan, Sofiya** CIMTEC 2022 : 15th International Ceramics Congress (June 20-24) CIMTEC 2022 : 9th Forum on New Materials (June 25-29) 2022 [http://2022.cimtec-congress.org/focused-session-ca-11\\_1](http://2022.cimtec-congress.org/focused-session-ca-11_1)

### **Combustion synthesis of silicon carbide by magnesio-carbothermic reduction of amorphous and crystalline silica**

Kirakosyan, Hasmik; Nazaretyan, Khachik; Beglaryan, Hayk; Ivanov, Roman; **Hussainova, Irina; Aydinyan, Sofiya** Proceedings of the Estonian Academy of Sciences 2025 / p. 260-265 <https://doi.org/10.3176/proc.2025.2.31>

### **Co-metabolism of mucins and dietary fibres by gut microbiota = Mutsiinide ja kiudainete kometabolism soolestiku mikrobioota poolt**

**Raba, Grete** 2023 <https://doi.org/10.23658/taltech.11/2023> <https://digikogu.taltech.ee/et/Item/37ec835d-31e6-4779-97c5-f5c65d0dbe48> [https://www.ester.ee/record=b5552661\\*est](https://www.ester.ee/record=b5552661*est)

### **Commercialisation of intellectual property : a comparative analysis of Georgia and Estonia**

**Tkeshelashvili, Ketevan; Dutt, Pawan Kumar;** Gurgenidze, Miranda TalTech journal of European studies 2024 / p. 22-52 <https://doi.org/10.2478/bjes-2024-0002> [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](#)

### **Commissioning the design and construction of prefabricated renovation**

Jürgenson, Alari; **Pihelo, Peep** 5th International Conference Forum Wood Building Baltic : 26-28 February 2024, Tallinn, Estonia : proceedings 2024 / p. 102-109 : ill <https://digikogu.taltech.ee/et/Item/22318c67-e0ef-42f1-88c7-34c9d9677b17> [https://www.ester.ee/record=b5668645\\*est](https://www.ester.ee/record=b5668645*est)

### **Common use cases of AI-based self-learning manufacturing**

Patel, Pankesh; **Koppel, Tarmo** AI IN BUSINESS : proceedings of the scientific workshop on business implications of artificial intelligence, June 7, 2022 2022 / p. 13-16 : ill [https://www.ester.ee/record=b5506022\\*est](https://www.ester.ee/record=b5506022*est)

### **Common-ground energy router structure with enhanced reliability and protection = Ühise nulljuhtmega suurendatud töökindluse ja kaitsega energiaruuter**

**Rahimpour, Saeed** 2024 <https://doi.org/10.23658/taltech.45/2024> [https://www.ester.ee/record=b5694226\\*est](https://www.ester.ee/record=b5694226*est) <https://digikogu.taltech.ee/et/Item/520b18fc-f0a8-4a08-ade8-d3b890d253ff>

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

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

### **Communication challenges in on-body and body-to-body wearable wireless networks - a connectivity perspective**

Ben Arbia, Dhafer; **Alam, Muhammad Mahtab; Le Moullec, Yannick;** Hamida, Elyes Ben Technologies 2017 / art. 43, p.1-18 : ill <https://doi.org/10.3390/technologies5030043> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Compact empirical model for droplet generation in a Lab-on-Chip cytometry system**

**Pärnamets, Kaiser; Udal, Andres; Koel, Ants; Pardy, Tamas; Gyimah, Nafisat; Rang, Toomas** IEEE Access 2022 / p. 127708-127717 <https://doi.org/10.1109/ACCESS.2022.3226623> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparative analysis of content and composition of essential oils of Thymus vulgaris L. from different regions of Europe**

Raal, Ain; Gontova, Tetiana; Palmeos, Maie; **Orav, Anne;** Sayakova, Galiya; Koshovyi, Oleh Proceedings of the Estonian Academy of Sciences 2024 / p. 332-344 <https://doi.org/10.3176/proc.2024.4.02>

### **Comparative analysis of customer value dimensions**

Maleki, Meysam; **Ševtšenko, Eduard;** Cruz-Machado, Virgilio Inzinerine ekonomika = Engineering economics 2013 / p. 488-495 <https://inzeko.ktu.lt/index.php/EE/article/view/3241> <https://doi.org/10.5755/j01.ee.24.5.3241> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A comparative analysis of Fuzzy AHP and Fuzzy VIKOR methods for prioritization of the risk criteria of an autonomous vehicle system**

**Mehrparvar, Marmar; Majak, Jüri; Karjust, Kristo** Proceedings of the Estonian Academy of Sciences 2024 / p. 116-123 <https://doi.org/10.3176/proc.2024.2.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparative analysis of high power density bidirectional DC-DC converters for portable energy storage applications**

Tytelmaier, Kostiantyn; Zakis, Janis; **Husev, Oleksandr; Vinnikov, Dmitri** Elektronika ir elektrotehnika = Electronics and electrical engineering 2018 / p. 33-41 : ill <https://doi.org/10.5755/j01.eie.24.6.22287> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparative analysis of intelligent braking controllers for electric vehicles**

**Vodovozov, Valery; Raud, Zoja; Petlenkov, Eduard** Renewable energy and power quality journal 2022 / p. 55-60

<https://doi.org/10.24084/repqj20.217> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Comparative analysis of machine learning techniques for non-intrusive load monitoring**

**Shabbir, Noman; Vassiljeva, Kristina; Hokmabad, Hossein Nouroollahi; Husev, Oleksandr; Petlenkov, Eduard; Belikov, Juri**

Electronics 2024 / art. 1420 <https://doi.org/10.3390/electronics13081420> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparative analysis of microplastics detection methods applied to marine sediments: A case study in the Bay of Marseille**

Gerigny, Olivia; Blanco, Gustavo; **Lips, Urmas; Buhhalko, Natalja**; Chouteau, Leelou; Georges, Elise; Meyers, Nelle;

Vanavermaete, David; Galgani, François; Ourgaud, Melanie; Papillon, Laure; Sempéré, Richard; De Witte, Bavo Marine pollution

bulletin 2024 / art. 116787 <https://doi.org/10.1016/j.marpolbul.2024.116787> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Simson, Raimo**; Thomsen, Kirsten Engelund; Wittchen, Kim Bjarne; **Kurnitski, Jarek** E3S Web Conference: Cold Climate HVAC

and Energy 2021 2021 / art. 14001, 12 p. : ill <https://doi.org/10.1051/e3sconf/202124614001> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **A comparative analysis of symbolic and deep learning based RDFS materialization**

**Traagel, Mart**; Carneiro Alves de Lima, Bruno Rucy; Cabral Pinheiro, Victor Henrique AICCC '23: Proceedings of the 2023 6th

artificial intelligence and cloud computing conference 2023 / p. 60-65 <https://doi.org/10.1145/3639592.3639601>

### **Comparative analysis of telepresence robots' video performance : evaluating camera capabilities for remote teaching and learning**

**Talisainen, Aleksei; Leoste, Janika**; Virkus, Sirje Applied Sciences (Switzerland) 2024 / art. 233 <https://doi.org/10.3390/app14010233>

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

### **Comparative analysis of the qualitative characteristics of formaldehyde and acetaldehyde resins based on styrene-modified oil shale alkylresorcinols**

**Jurkeviciute, Ana; Grigorieva, Larisa; Tõnsuaadu, Kaia; Blum, Kristina** Materials research express 2023 / art. 035304, 14 p. : ill

<https://doi.org/10.1088/2053-1591/acc0e1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparative evaluation of common-ground converters for dual-purpose application**

**Hemmati Shahsavari, Tala; Rahimpour, Saeed; Vosoughi Kurdkandi, Naser**; Fesenko, Artem; **Matiushkin, Oleksandr; Husev, Oleksandr; Vinnikov, Dmitri** Energies 2023 / art. 2977 <https://doi.org/10.3390/en16072977>

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

### **Comparative evaluation of the air core magnetic design for MHz+ switching frequency**

**Matiushkin, Oleksandr**; Pakhaliuk, Bohdan; Gutierrez-Escalona, Javier; Romero-Cadaval, Enrique; Husev, Oleksandr; Zakis, Janis

Applied sciences 2025 / art. 8820 <https://doi.org/10.3390/app15168820>

### **Comparative feasibility study of partial power converter for interfacing battery energy storage into power system of future circular collider**

**Chub, Andrii**; Niinemägi, Joosep; Colmenero, Manuel; Aguglia, Davide Proceedings of the Estonian Academy of Sciences 2024 / p.

396-415 <https://doi.org/10.3176/proc.2024.4.08>

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

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

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

### **Comparative genomic analysis of monosporidial and monoteliosporic cultures for unraveling the complexity of molecular pathogenesis of Tilletia indica pathogen of wheat**

Mishra, Pallavi; Maurya, Ranjeet; **Gupta, Vijai Kumar**; Ramteke, Pramod Wasudeo; Marla, Soma S.; Kumar, Anil Scientific reports

2019 / art. 8185, 15 p. : ill <https://doi.org/10.1038/s41598-019-44464-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A comparative QSAR study of SVM and PPR in the correlation of lithium cation basicities**

Katritzky, Alan R.; Ren, Yueying; Slavov, Svetoslav H.; **Karelson, Mati** Collection of Czechoslovak chemical communications 2009 / p.

217-241 <https://doi.org/10.1135/cccc2008191>

### **A comparative SEM study of ossicles in the Pleuronectiformes (Teleostei) of the Baltic Sea**

**Märss, Tiit**; Wilson, Mark; Lees, Janek; Saat, Toomas; Špilev, Heli Proceedings of the Estonian Academy of Sciences 2015 / p.

**Comparative simulation study of pump system efficiency driven by induction and synchronous reluctance motors**

Gevorkov, Levon; Dominguez-Garcia, Jose Luis; **Rassölkin, Anton**; **Vaimann, Toomas** Energies 2022 / art. 4068  
<https://doi.org/10.3390/en15114068> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Comparative Study of Advanced Heatsink Structures for Improved Thermal Performance in Axial Flux Motors**

**Sarap, Martin**; Singh, Shalini; **Kallaste, Ants**; Qureshi, Ahmed Jawad; **Tiismus, Hans**; **Vaimann, Toomas**; Ghahfarokhi, Payam Shams IEEE Access 2025 / p. 100850-100860 <https://doi.org/10.1109/ACCESS.2025.3577289>

**Comparative study of CdS films annealed in neutral, oxidizing and reducing atmospheres**

**Maticiu, Natalia**; **Kukk, Mart**; **Spalatu, Nicolae**; **Potlog, Tamara**; **Krunks, Malle**; **Valdna, Vello**; **Hiie, Jaan** Energy procedia 2014 / p. 77-84 : ill <https://doi.org/10.1016/j.egypro.2013.12.012> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Comparative study of experimental and CFD results for stepped planing hulls**

**Niazmand Bilandi, Rasul**; Dashtimanesh, Abbas; Mancini, Simone; Vitiello, Luigi Ocean engineering 2023 / art. 114887  
<https://doi.org/10.1016/j.oceaneng.2023.114887> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A comparative study of marginal loss pricing algorithms in electricity markets**

Yang, Jiajia; Dong, Zhao Yang; **Wen, Fushuan** IET generation, transmission and distribution 2021 / 13 p. : ill  
<https://doi.org/10.1049/gtd2.12030> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A comparative study of market potential for logistics outsourcing in Estonia and Finland**

Solakivi, Tomi; **Kiisler, Ain**; **Hilmola, Olli-Pekka Kristian** Journal of Global Operations and Strategic Sourcing 2022 / p. 79-95  
<https://doi.org/10.1108/JGOSS-01-2021-0004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A comparative study of minimally supervised morphological segmentation**

Ruokolainen, Teemu; Kohonen, Oskar; **Sirts, Kairit**; Grönroos, Stig-Arne; Kurimo, Mikko; Virpioja, Sami Computational linguistics 2016 / p. 91-120 : tab [https://doi.org/10.1162/COLI\\_a\\_00243](https://doi.org/10.1162/COLI_a_00243) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Comparative study of rectifier topologies for quasi-Z-source derived push-pull converter**

**Chub, Andrii**; **Husev, Oleksandr**; **Vinnikov, Dmitri** Elektronika ir elektrotehnika = Electronics and electrical engineering 2014 / p. 29-34 : ill <https://doi.org/10.5755/j01.eee.20.6.7264> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Shmagina, Elizaveta**; **Bereznev, Sergei** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 50  
[https://fmt.dk.ut.ee/wp-content/uploads/2021/06/GSFMT\\_abstractbook\\_2021.pdf](https://fmt.dk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf)

**Comparative study of thin films prepared by different curing methods of perhydropolysilazane**

**Shmagina, Elizaveta**; **Danilson, Mati**; **Mikli, Valdek**; **Bereznev, Sergei** Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / art. 54 [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

**Comparative study of using periodic daily and long-term weather data for cooling system sizing and impact of thermal mass**

**Seyed Salehi, Seyed Shahabaldin**; **Kurnitski, Jarek**; **Thalfeldt, Martin** E3S Web Conference: BuildSim Nordic 2022 2022 / art. 06002 <https://doi.org/10.1051/e3sconf/202236206002> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Comparative study on building permit processes in Europe**

Fauth, Judith; Deac-Kaiser, Stefanie-Brigitte; Nørkjær Gade, Peter; Raj, Kavita; Goul Pedersen, Jonas; Olsson, Per-Ola; Mastrolemba Ventura, Silvia; Granja, Jose; Nisbet, Nicholas; Hirvensalo, Antero; **Raitviir, Christopher-Robin** 2024  
<https://doi.org/10.5281/zenodo.14178511>

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

**Kiil, Martin**; **Simson, Raimo**; **Thalfeldt, Martin**; **Kurnitski, Jarek** Atmosphere 2020 / art. 127, 21 p. : ill  
<https://doi.org/10.3390/atmos11020127> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A comparative study on physical properties of Al-doped zinc oxide thin films deposited from zinc acetate and zinc acetylacetonate by spray pyrolysis**

**Eensalu, Jako Siim**; **Krunks, Malle**; **Gromõko, Inga**; **Katerski, Atanas**; **Mere, Arvo** Energetika 2017 / p. 46-55 : ill  
<https://doi.org/10.6001/energetika.v63i2.3519> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Comparative study reveals better far-red fluorescent protein for whole body imaging**

Luker, K. E.; **Pata, Pille**; **Pata, Illar** Scientific reports 2015 / p. 1-9 : ill <https://doi.org/10.1038/srep10332> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparing a 41-year model hindcast with decades of wave measurements from the Baltic Sea**

Björkqvist, Jan-Victor; Lukas, Ingvar; **Alari, Victor; Männik, Aarne** Ocean engineering 2018 / p. 57-71 : ill

<https://doi.org/10.1016/j.oceaneng.2018.01.048> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparing domain expert and machine learning data enrichment of building registry**

**Torim, Ants; Iliste, Elisa; Pikas, Ergo; Liiv, Innar; Robal, Tarmo; Kalamees, Targo** Buildings 2025 / art. 1798

<https://doi.org/10.3390/buildings15111798>

### **Comparing security levels of postal and Internet voting**

Vakarjuk, Jelizaveta; **Snetkov, Nikita; Willemson, Jan** Information Security Journal 2024

<https://doi.org/10.1080/19393555.2024.2410332> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparison and evaluation of learning capabilities of deep learning methods for predicting ship motions**

Zhang, Mingyang; Liu, Con; **Kujala, Pentti Jouko Sakari;** Hirdaris, Spyros Proceedings of 15th International Marine Design Conference (IMDC-2024) 2024 / p. 1499-1510 <https://doi.org/10.59490/imdc.2024.838>

### **Comparison of chromogenic STA-R evolution and CS-2500 assays for Apixaban, Rivaroxaban and Dabigatran**

**Pikta, Marika;** Örd, Lenna; Lind, Ellind; Reitsnik, Tarmo; Banyas, Valdas "Hematology and hemostasis" Clinical Chemistry and Laboratory Medicine (CCLM) 2023 / p. s1274 <https://doi.org/10.1515/cclm-2023-7050>

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

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

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

**Mishra, Sambeet;** Bordin, Chiara; Taharaguchi, Kota; **Palu, Ivo** Energy reports 2020 / p. 273-286

<https://doi.org/10.1016/j.egy.2019.11.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparison of district heating supply options for different CHP configurations**

**Rušeljuk, Pavel; Dedov, Andrei; Hlebnikov, Aleksandr; Lepiksaar, Kertu; Volkova, Anna** Energies 2023 / art. 603, 14 p. : ill

<https://doi.org/10.3390/en16020603> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Prakht, Vladimir; Dmitrievskii, Vladimir; Kazakbaev, Vadim; **Andriushchenko, Ekaterina** Mathematics 2021 / art. 732

<https://doi.org/10.3390/math9070732> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparison of hyperspectral measurements of the attenuation and scattering coefficients spectra with modeling results in the north-eastern Baltic Sea**

**Sipelgas, Liis; Raudsepp, Urmas** Estuarine, Coastal and Shelf Science 2015 / p. 1-9 <https://doi.org/10.1016/j.ecss.2015.08.008>

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

### **Comparison of impedance-source networks for two and multilevel buck-boost inverter applications**

**Husev, Oleksandr;** Blaabjerg, Frede; Roncero-Clemente, Carlos; Romero-Cadaval, Enrique; **Vinnikov, Dmitri;** Siwakoti, Yam P.; Strzelecki, Ryszard IEEE transactions on power electronics 2016 / p. 7564-7579 : ill <https://doi.org/10.1109/TPEL.2016.2569437> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparison of laminate stiffness as measured by three experimental methods**

**Lasn, Kaspar;** Echtermeyer, Andreas T.; **Klauson, Aleksander;** Chati, Farid; Decultot, Dominique Polymer testing 2015 / p. 143-152 : ill <https://doi.org/10.1016/j.polymertesting.2015.04.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

[at WOS](#)

### **A comparison of measured and simulated air pressure conditions of a detached house in a cold climate**

Jokisalo, Juha; **Kalamees, Targo; Kurnitski, Jarek;** Eskola, Lari; Jokiranta, Kai; Vinha, Juha Journal of building physics 2008 / p.

67-89 : ill <https://doi.org/10.1177/1744259108091901>

### **Comparison of mechanical and antibacterial properties of TiO<sub>2</sub>/Ag ceramics and Ti<sub>6</sub>Al<sub>4</sub>V-TiO<sub>2</sub>/Ag composite materials using combined SLM-SPS techniques**

**Rahmani Ahranjani, Ramin; Rosenberg, Merilin; Ivask, Angela; Kollo, Lauri** Metals 2019 / art. 874, 13 p. : ill

<https://doi.org/10.3390/met9080874> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparison of model order reduction methods for a switched reluctance machine characterization**

Boumesbah, Allaa Eddine; Martin, Florian; Krebs, Guillaume; **Belahcen, Anouar;** Marchand, Claude IEEE transactions on magnetism 2021 / art. 9355193, 7 p. : ill <https://doi.org/10.1109/TMAG.2021.3059969> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

[at WOS](#)

### **Comparison of multifractal parameters of surface defects and non-defects**

Martsepp, Merike; Laas, Tõnu; Tõkke, Siim; **Primets, Jaanis; Mikli, Valdek** Proceedings of the Estonian Academy of Sciences 2023 / p. 115-127 : ill <https://doi.org/10.3176/proc.2023.2.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparison of (N+1) redundancy and fault tolerance approaches in single-stage series-connected isolated MVAC to LVDC converters**

**Bakeer, Abualkasim Ahmed Ali; Chub, Andrii; Blinov, Andrei;** Bayhan, Sertac; **Vinnikov, Dmitri** 2023 International Conference on Clean Electrical Power (ICCEP) 2023 / p. 469-474 : ill <https://doi.org/10.1109/ICCEP57914.2023.10247478>

### **Comparison of one- two- and three-dimensional CNN models for drawing-test-based diagnostics of the Parkinson's disease**

Wang, Xuechao; Huang, Junqing; Chatzakou, Marianna; **Nõmm, Sven; Valla, Elli;** Medijainen, Kadri; Taba, Pille; Toomela, Aaro; Ruzhansky, Michael Biomedical signal processing and control 2024 / art. 105436, 8 p <https://doi.org/10.1016/j.bspc.2023.105436> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A comparison of plant macrofossil-based quantitative climate reconstruction methods : a case study of the lateglacial Baltic States**

Trasune, Liva; Väiliranta, Minna; **Stivrinš, Normunds;** Amon, Leeli; Schenk, Frederik; Salonen, J. Sakari Quaternary Science Reviews 2024 / art. 108811 <https://doi.org/10.1016/j.quascirev.2024.108811> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparison of plasma transferred arc and submerged arc welded abrasive wear resistant composite hardfacings**

**Simson, Taavi; Kulu, Priit; Surženkov, Andrei;** Ciuplys, Antanas; **Viljus, Mart;** Zaldarys, Gintautas Materials science = Medžiagotyra 2018 / p. 172-176 : ill <https://doi.org/10.5755/j01.ms.24.2.19121> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparison of simplified and detailed window models in office building energy simulations**

**Thalfeldt, Martin; Kurnitski, Jarek; Voll, Hendrik** Energy procedia 2015 / p. 2076-2081 : ill <https://doi.org/10.1016/j.egypro.2015.11.235> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Comparison of some mechanical and physical methods for measurement of residual stresses in brush-plated nickel hardened gold and silver coatings**

Lille, Harri; Kõo, Jakub; Ryabchikov, Alexander; Reitsnik, Renno; **Sergejev, Fjodor;** Matvejev, Dmitri Materials science = Medžiagotyra 2016 / p. 36-40 : ill <https://doi.org/10.5755/j01.ms.22.1.7439> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparison of strong and statistical convergences in some families of summability methods**

**Šelets, Anna;** Tali, Anne Filomat 2014 / p. 1225-1236 <https://doi.org/10.2298/FIL1406225S> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparison of suitable business models for the 5th generation district heating system implementation through game theory approach**

Pakere, Ieva; Kacare, Marika; Murauskaite, Lina; **Huang, Pei; Volkova, Anna** Environmental and Climate Technologies 2023 / p. 1-15 <https://doi.org/10.2478/rtuct-2023-0001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparison of the ecotoxic properties of oil shale industry by-products to those of coal ash**

**Lees, Heidi; Järvik, Oliver; Konist, Alar; Siirde, Andres; Maaten, Birgit** Oil shale 2022 / p. 1-19 : tab <https://doi.org/10.3176/oil.2022.1.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparison of the most likely low-emission electricity production systems in Estonia**

**Baird, Zachariah Steven; Nešumajev, Dmitri; Järvik, Oliver;** Powell, Kody M. PLoS ONE 2021 / e0261780, 37 p <https://doi.org/10.1371/journal.pone.0261780> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A comparison of the motions of surface drifters with offshore wind properties in the Gulf of Finland, the Baltic Sea**

**Delpeche-Ellmann, Nicole Camille; Torsvik, Tomas; Soomere, Tarmo** Estuarine, coastal and shelf science 2016 / p. 154-164 : ill <https://doi.org/10.1016/j.ecss.2016.02.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparison of the wear and frictional properties of Cu matrix composites prepared by pulsed electric current sintering**

Ritasalo, Riina; **Antonov, Maksim; Veinthal, Renno;** Hannula, Simo-Pekka Proceedings of the Estonian Academy of Sciences 2014 / p. 62-74 : ill [https://artiklid.elnet.ee/record=b2665219\\*est](https://artiklid.elnet.ee/record=b2665219*est) <https://doi.org/10.3176/proc.2014.1.09> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A comparison of waste education in schools and colleges across five European cities**

Lee, Sheryl A.; Mork, Jane; Voca, Neven; **Voronova, Viktoria** International Journal of Sustainable Development & World Ecology 2022 / p. 338-348 <https://doi.org/10.1080/13504509.2021.2019138> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

[Article at WOS](#)

**Compartmentalization in cardiomyocytes modulates creatine kinase and adenylate kinase activities**

**Birkedal, Rikke; Branovets, Jelena; Vendelin, Marko** FEBS letters 2024 / p. 2623-2640 <https://doi.org/10.1002/1873-3468.14994>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Compensation topologies in IPT Systems : standards, requirements, classification, analysis, comparison and application**

Shevchenko, Viktor; **Husev, Oleksandr**; Strzelecki, Ryszard IEEE Access 2019 / art. 2937891, p. 120559–120580 : ill  
<https://doi.org/10.1109/ACCESS.2019.2937891> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A competency based curriculum as the basis for the formation of future competent specialists**

**Alver, Jaan; Alver, Lehte** Formation of competencies of gifted individuals in the system of extracurricular and higher education 2023 / p. 16-23 <https://doi.org/10.18372/2786-823.1.17465>

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

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

**Competitive binding of natural amphiphiles with graphene derivatives**

Radic, Slaven; Geitner, Nicholas K.; Podila, Ramakrishna; **Käkinen, Aleksandr**; Chen, Pengyu; Ke, Pu Chun; Ding, Feng Scientific reports 2013 / art. 2273 <https://doi.org/10.1038/srep02273> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A competitive framework for the participation of multi-microgrids in the community energy trading market: A case study**

**Zahraoui, Younes; Korötko, Tarmo; Rosin, Argo**; Zidane, Tekai Eddine Khalil; **Agabus, Hannes**; Mekhilef, Saad IEEE Access 2024 / p. 68232-68248 <https://doi.org/10.1109/ACCESS.2024.3399168> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Compiling cooperative task management to continuations**

**Nakata, Keiko; Saar, Andri** Fundamentals of Software Engineering : 5th International Conference, FSEN 2013, Tehran, Iran, April 24-26, 2013, Revised Selected Papers 2013 / p. 95 - 110 [https://doi.org/10.1007/978-3-642-40213-5\\_7](https://doi.org/10.1007/978-3-642-40213-5_7) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Complex association of apolipoprotein E–containing HDL with coronary artery disease burden in cardiovascular disease**

Sorokin, Alexander V.; Patel, Nidhi; Abdelrahman, Khaled M.; Ling, Clarence; **Reimund, Mart**; Graziano, Giorgio; Sampson, Maureen; Playford, Martin P. JCI Insight 2022 / art. e159577 <https://doi.org/10.1172/jci.insight.159577>

**Complex systems informatics and modeling quarterly**

2023 <https://csimq-journals.rtu.lv/issue/view/299>

**Complexes of HXeY with HX (Y, X = F, Cl, Br, I) : symmetry-adapted perturbation theory study and anharmonic vibrational analysis**

Dzieciol, Bartosz; **Osadchuk, Irina**; Cukras, Janusz; Lundell, Jan Molecules 2023 / art. 5148 <https://doi.org/10.3390/molecules28135148>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Complexity in engineering and natural sciences**

**Engelbrecht, Jüri** Proceedings of the Estonian Academy of Sciences 2015 / p. 249-255 [https://artiklid.einet.ee/record=b2740532\\*est](https://artiklid.einet.ee/record=b2740532*est)  
<https://doi.org/10.3176/proc.2015.3.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Complexity of atoms of regular languages**

Brzozowski, Janusz; **Tamm, Hellis** International Journal of Foundations of Computer Science 2013 / p. 1009 - 1027  
<https://doi.org/10.1142/S0129054113400285> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)