

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

Veinthal, Renno; Sergejev, Fjodor; Zikin, Arkadi; **Tarbe, Riho;** Hornung, J. 19th International Conference on Wear of Materials : Portland, Oregon, USA, 14-18 April 2013 : conference abstracts 2013 / [p. 98]

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](#)

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>

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

Stankevica, Karina; Vincevica-Gaile, Zane; Klavins, Maris; Kalnina, Laimdota; Stivrīnš, Normunds; Grudzinska, Ieva; **Kaup, Enn** Chemical geology 2020 / art. 119502, 14 p. : ill <https://doi.org/10.1016/j.chemgeo.2020.119502> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Acquisition of O₂ adsorption isotherms as thorough characterization of nanocrystalline titanium dioxide photocatalysts

Moiseev, Anna; Kritševskaja, Marina; Preis, Sergei Surfaces and interfaces 2019 / p. 44-49 : ill

<https://doi.org/10.1016/j.surf.2018.11.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Active vs passive novelty-related strategies: Sex differences in exploratory behaviour and monoaminergic systems

Liiver, Kristi; Imbeault, Sophie; Školnaja, Marianna; Kaart, Tanel; Kanarik, Margus; Laugus, Karita; De Wettinck, Jade; Pulver, Aleksander; Shimmo, Ruth; Harro, Jaanus Behavioural brain research 2023 / art. 114297 <https://doi.org/10.1016/j.bbr.2023.114297>

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](#)

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](#)

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

Wang, Zhi; Tang, S.Y.; Scudino, Sergio; Ivanov, Y.P.; Qu, R.T.; Wang, D.; Yang, C.; Zhang, W.W.; Greer, A.L.; Eckert, Juergen H.;

Prashanth, Konda Gokuldoss Additive Manufacturing 2021 / art. 101725 <https://doi.org/10.1016/j.addma.2020.101725> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Additive manufacturing of CMCs with bimodal microstructure

Maurya, Himanshu Singh; Vikram, R. J.; Kosiba, Konrad; **Juhani, Kristjan; Sergejev, Fjodor;** Suwas, Satyam; **Prashanth, Konda Gokuldoss** Journal of alloys and compounds 2023 / art. 168416, 5 p. : ill <https://doi.org/10.1016/j.jallcom.2022.168416>

Additive manufacturing of TiC-based cermet with stainless steel as a binder material

Maurya, Himanshu Singh; Juhani, Kristjan; Sergejev, Fjodor; Prashanth, Konda Gokuldoss Materials today: proceedings 2022 / p. 824-828 <https://doi.org/10.1016/j.matpr.2022.02.428> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Additively manufactured mesostructured MoSi₂-Si₃N₄ ceramic lattice

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

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

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

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

Usmani, Zeba; Sharma, Minaxi; **Karpichev, Yevgen** Renewable and sustainable energy reviews 2020 / art. 109965, 16 p. : ill

<https://doi.org/10.1016/j.rser.2020.109965> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

Plaum, Freddy; Ahmadihangar, Roya; Rosin, Argo; Kilter, Jako Energy reports 2022 / p. 9344-9362

<https://doi.org/10.1016/j.egy.2022.07.038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Agile local governments : experimentation before implementation

Soe, Ralf-Martin; Drechsler, Wolfgang Government information quarterly 2018 / p. 1-13 : ill <https://doi.org/10.1016/j.giq.2017.11.010>

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

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

Kukk, Villu; Bella, Adeniyi; Kers, Jaan; Kalamees, Targo Journal of building engineering 2021 / art. 102610

<https://doi.org/10.1016/j.job.2021.102610> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

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

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

<https://doi.org/10.1016/j.jallcom.2022.167589>

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](#)

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

Guana, H.D.; Lia, C.J.; Gaoa, P.; Prashanth, Konda Gokuldoss Materials science and engineering : A 2020 / art. 138630, 5 p. : ill

<https://doi.org/10.1016/j.msea.2019.138630> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Zekker, Ivar; Mandel, Anni; Rikmann, Ergo; Jaagura, Madis; Salmar, Siim; Ghangrekar, Makarand Madhao; Tenno, Taavo Science of the total environment 2021 / art. 149133, 10 p. : ill <https://doi.org/10.1016/j.scitotenv.2021.149133>

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

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

Abdalla, Akram; Danilson, Mati; Oueslati, Souhaib; Pilvet, Maris; Bereznev, Sergei Materials science in semiconductor

processing 2021 / art. 105862 <https://doi.org/10.1016/j.mssp.2021.105862> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An electrochemical biosensor for direct detection of hepatitis C virus

Antipchik, Mariia; Korzhikova-Vlakh, Evgenia; Polyakov, Dmitry; Tarasenko, Irina; Reut, Jekaterina; Öpik, Andres; Söritski, Vitali

Analytical Biochemistry 2021 / art. 114196 <https://doi.org/10.1016/j.ab.2021.114196> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An NMR spectroscopic investigation of functional group selectivity of lipase-catalysed reactions of 11-acetyl prostaglandins E1 and E2

Villo, Ly; Tamp, Sven; Vallikivi, Imre; Järving, Ivar; Pehk, Tõnis; Parve, Omar Proceedings of the 9th International Symposium on Biocatalysis and Biotransformations - (Biotrans 2009) Held in Bern, Switzerland 5-9 July 2009 2010 / p. 66

An optimization framework for dynamic pipeline management in computing systems

Naqvi, Syed Rameez; Zahid, Anjum; Sawalha, Lina; Jenihhin, Maksim Computers & electrical engineering 2019 / p. 242-258 : ill

<https://doi.org/10.1016/j.compeleceng.2019.07.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Krautmann, Robert; Spalatu, Nicolae; Gunder, Rene; Abou-Ras, Daniel; Unold, Thomas; Schorr, Susan; Krunks, Malle; Oja Acik,

Ilona Solar energy 2021 / p. 494-500 <https://doi.org/10.1016/j.solener.2021.07.022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analyzing the fulfillment of daylight and overheating requirements in residential and office buildings in Estonia

Sepulveda Luque, Abel; De Luca, Francesco; Thalfeldt, Martin; Kurnitski, Jarek Building and environment 2020 / art. 107036,

12 p <https://doi.org/10.1016/j.buildenv.2020.107036> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analytical approach for maximizing self-consumption of nearly zero energy buildings- case study : Baltic region

Ahmadihangar, Roya; Karami, Hossein; Husev, Oleksandr; Blinov, Andrei; Rosin, Argo; Jonaitis, Audrius; Sanjari,

Mohammad Javad Energy 2022 / art. 121744, 11 p. : ill <https://doi.org/10.1016/j.energy.2021.121744> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analytical approach to investigate the effect of gas channel draft angle on the performance of PEMFC and species distribution

Ahmadi, Nima; Kõrgesaar, Mihkel International journal of heat and mass transfer 2020 / art. 119529 <https://doi.org/10.1016/j.ijheatmasstransfer.2020.119529> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Android malware concept drift using system calls : detection, characterization and challenges

Guerra Manzanares, Alejandro; Luckner, Marcin; **Bahsi, Hayret** Expert systems with applications 2022 / art. 117200, 19 p. : ill <https://doi.org/10.1016/j.eswa.2022.117200> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 <https://doi.org/10.1016/j.segan.2023.101116>

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

Durst, Susanne; Davila, Andres; **Foli, Samuel;** Kraus, Sascha; Cheng, Cheng-Feng Technology in society 2023 / art. 102195 <https://doi.org/10.1016/j.techsoc.2022.102195>

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

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

Apatites based catalysts : a tentative classification

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

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

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

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>

Application of neural-network based variable fractional order PID controllers for load frequency control in isolated microgrids

Belikov, Juri; Nosrati, Komeil; **Škiparev, Vjatšeslav;** **Tepljakov, Aleksei;** **Petlenkov, Eduard;** Levron, Yoash Power system frequency control : modeling and advances. 1st Ed 2023 / p. 203–216 : ill <https://www.elsevier.com/books/power-system-frequency-control/mishra/978-0-443-18426-0>

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

Ehätäht, 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 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>

Artificial lateral line for aquatic habitat modelling: An example for Lefua echigonia

Garcia-Vega, Ana; Fuentes-Perez, Juan Francisco; Fukuda, Shinji; **Kruusmaa, Maarja;** Sanz-Ronda, Francisco Javier; **Tuhtan, Jeffrey Andrew** Ecological Informatics 2021 / art. 101388 <https://doi.org/10.1016/j.ecoinf.2021.101388> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Baqain, Mais Hanna Suleiman; Yörük, Can Rüstü; Neşumajev, Dmitri; Järvik, Oliver; Konist, Alar Fuel 2023 / art. 127244 <https://doi.org/10.1016/j.fuel.2022.127244>

Ash melting behaviour of reed and woody fuels blends

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

<https://doi.org/10.1016/j.fuel.2021.123051> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Ash melting behaviour of wheat straw blends with wood and reed

Link, Siim; Yrjas, Patrik; Hupa, Leena Renewable Energy 2018 / p. 11-20 : ill <https://doi.org/10.1016/j.renene.2017.09.050> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

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

Assessing the 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

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

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

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

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

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

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

Assessment of the 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

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, Pauliina** Environmental research 2023 / art. 114447 <https://doi.org/10.1016/j.envres.2022.114447>

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

Chesnaye, Nicholas C.; **Al-Sodany, Ehab**; **Szumner, Karolina**; **Barany, Peter**; **Heimbürger, Olof**; **Almquist, Tora**; **Melander, Stefan**; **Uhlén, 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

Asymmetric NDI electron transporting SAM materials for application in photovoltaic devices

Svirskaitė, Lauryna Monika; **Mandati, Sreekanth**; **Spalatu, Nicolae**; **Malinauskiene, Vida**; **Karazhanov, Smagul**; **Getautis, Vytautas**; **Malinauskas, Tadas** Synthetic metals 2022 / art. 117214 <https://doi.org/10.1016/j.synthmet.2022.117214> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Atom economy, catalysis and green toxicology : tools for the delivery of sustainable chemistry based on ionic liquids

Gathergood, Nicholas 2nd Green and Sustainable Chemistry Conference : 14-17 May 2017, Berlin, Germany : abstracts 2017 / p. [O4.6]

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

Au/Ga2O3/ZnO heterostructure nanorods arrays for effective photoelectrochemical water splitting

Abdalla, Akram; **Khan, Ibrahim**; **Sohail, Manzar**; **Qurash, Ansanulhaq** Solar energy 2019 / p. 333-338 : ill <https://doi.org/10.1016/j.solener.2019.01.065> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Automated environmental compliance monitoring of rivers with IoT and open government data

Miasayedava, Lizaveta; McBride, Keegan David Braun; **Tuhtan, Jeffrey Andrew** Journal of environmental management 2022 / art. 114283, 10 p. : ill <https://doi.org/10.1016/j.jenvman.2021.114283> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An automated method for mining high-quality assertion sets

Heidari Iman, Mohammadreza; Raik, Jaan; Jenihhin, Maksim; Jervan, Gert; Ghasempouri, Tara Microprocessors and microsystems 2023 / art. 104773 <https://doi.org/10.1016/j.micpro.2023.104773>

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>

Autosampler for portable capillary electrophoresis

Ružicka, Martin; Kaljurand, Mihkel; Gorbatošova, Jelena; Mazina-Šinkar, Jekaterina Journal of chromatography A 2022 / art. 463619 <https://doi.org/10.1016/j.chroma.2022.463619> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bacterial communities in ballast tanks of cargo vessels - Shaped by salinity, treatment and the point of origin of the water but "hatch" its typical microbiome

Laas, Peeter; Künnis-Beres, Kai; Talas, Liisi; Tammert, Helen; **Kuprijanov, Ivan;** Herlemann, Daniel Philipp Ralf; Kisand, Veljo Journal of environmental management 2022 / art. 116403, 10 p. : ill <https://doi.org/10.1016/j.jenvman.2022.116403> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Balmorel open source energy system model

Wiese, Frauke; Bramstoft, Rasmus; **Koduvere, Hardi;** Pizarro Alonso, Amalia Energy strategy reviews 2018 / p. 26–34 : ill <https://doi.org/10.1016/j.esr.2018.01.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Batch- and pilot-scale regeneration of ammonium, iron, manganese and radium contaminated manganese dioxide based and zeolite filter materials used for potable water purification [Online resource]

Goi, Anna; Nilb, Nele; **Viisimaa, Marika;** Kiisk, Madis; Suursoo, Siiri; Putk, Kaisa 1st International Conference on Sustainable Water Processing : Sitges, Spain, September 11-14, 2016 : programme 2016 / p. OB3.2.1-OB3.2.2 : tab <http://www.sustainablewaterprocessing.com/>

Benchmark of methods for annual glare risk assessment

Sepulveda Luque, Abel; Bueno, Bruno; Wang, Taoning; Wilson, Helen Rose Building and environment 2021 / art. 108006 <https://doi.org/10.1016/j.buildenv.2021.108006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Kisand, Kaarel; Sarapuu, Ave; Kikas, Arvo; Kisand, Vambola; Rähn, Mihkel; Treshchalov, Alexey; Käärik, 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](#)

Bioimpedance and spectroscopy

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

Biomimetic design of implants for long bone critical-sized defects

Rezapourianghahfarokhi, Mansoureh; Kamboj, Nikhil Kumar; Jasiuk, Iwona; **Hussainova, Irina** Journal of the mechanical behavior of biomedical materials 2022 / art. 105370 <https://doi.org/10.1016/j.jmbbm.2022.105370> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

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

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

Boosting customers' impulsive buying tendency in live-streaming commerce: The role of customer engagement and deal proneness

Luo, Xi; Cheah, Jun-Hwa; **Hollebeek, Linda Desiree**; Lim, Xin-Jean Journal of retailing and consumer services 2024 / art. 103644
<https://doi.org/10.1016/j.jretconser.2023.103644>

Boosting phosphorescence efficiency by crystal anisotropy in SrAl₂O₄:Eu,Dy textured ceramic layers

Rojas Hernandez, Rocio Estefania; Rubio-Marcos, Fernando; Serrano, Aida; **Hussainova, Irina**; Fernandez, Jose Francisco
Journal of the European Ceramic Society 2020 / p. 1677–1683 : ill <https://doi.org/10.1016/j.jeurceramsoc.2019.11.019> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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](#)

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](#)

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](#)

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>

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](#)

Carbon prices for meeting the Paris agreement and their impact on key metals

Tost, Michael; **Hitch, Michael William**; Lutter, Stephan; Feiel, Susanne; Moser, Peter The extractive industries and society 2020 / p. 593–599 <https://doi.org/10.1016/j.exis.2020.01.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Carbon 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](#)

Carbonation of steel slag and gypsum for building materials and associated reaction mechanisms

Wang, Xue; Ni, Wen; Li, Jiajie; Zhang, Siqi; **Hitch, Michael William**; Pascual, Rodrigo Cement and Concrete Research 2019 / art. 105893, 12 p. : ill <https://doi.org/10.1016/j.cemconres.2019.105893> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Cascade sub-low temperature district heating networks in existing district heating systems

Volkova, Anna; Reuter, Stefan; Puschnigg, Stefan Smart Energy 2022 / art. 100064 <https://doi.org/10.1016/j.segy.2022.100064> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Case study : Free public transport as instrument for energy savings and urban sustainable development - the case of the city of Tallinn

Prause, Gunnar Klaus; **Tuisk, Tarmo** Energy transformation towards sustainability 2020 / p. 163–177 <https://doi.org/10.1016/B978-0-12-817688-7.00008-2>

Catalytic effect of oil shale ash on CO₂ gasification of leached wheat straw and reed chars

Link, Siim; Tran, Khanh-Quang; Bach, Quang-Vu; Yrjas, Patrik; **Rosin, Argo** Energy 2018 / p. 906-913

<https://doi.org/10.1016/j.energy.2018.04.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Causality in strain gradient elasticity: An internal variables approach

Berezovski, Arkadi Mechanics research communications 2022 / art. 103997 <https://doi.org/10.1016/j.mechrescom.2022.103997> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

<https://doi.org/10.1016/j.autcon.2021.103787> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Central nervous system lymphoma and radiofrequency radiation – A case report and incidence data in the Swedish Cancer Register on non-Hodgkin lymphoma

Hardell, Lennart; Carlberg, Michael; **Koppel, Tarmo** Medical hypotheses 2020 / art. 110052, 6 p. : ill

<https://doi.org/10.1016/j.mehy.2020.110052> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cermets with Fe-alloy binder : a review

Kübarsepp, Jakob; Juhani, Kristjan International journal of refractory metals and hard materials 2020 / art. 105290, 25 p. : ill

<https://doi.org/10.1016/j.ijrmhm.2020.105290> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

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

CFD simulation of bubbly flow in a long coaxial heat exchanger

Akhmadullin, Ildar; **Kartušinski, Aleksander** Thermal Science and Engineering Progress 2021 / art. 100991, 11 p

<https://doi.org/10.1016/j.tsep.2021.100991> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Challenges of preventive healthcare under global pandemic: the case of HPV-vaccination in Estonia

Lubi, Kadi; Varsamaa, Merilin; Kala, Liis; Torop, Agnessa; Rooden, Mare Patient education and counseling 2023 / p. 45

<https://doi.org/10.1016/j.pec.2022.10.110> <https://www.sciencedirect.com/science/article/pii/S0738399122005821>

Characterisation of chemical, microbial and sensory profiles of commercial kombuchas

Andreson, Maret; Kazantseva, Jekaterina; **Kuldjär, 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](#)

Characterization of tetrahedrite Cu₁₀Cd₂Sb₄S₁₃ monograin materials grown in molten Cd₂ and LiI

Ghisani, Fairouz; Timmo, Kristi; **Altosaar, Mare**; Mikli, Valdek; Pilvet, Maris; Kaupmees, Reelika; Krustok, Jüri; Grossberg,

Maarja; **Kauk-Kuusik, Marit** Thin solid films 2021 / art. 138980 <https://doi.org/10.1016/j.tsf.2021.138980> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterizing energy flexibility of buildings with electric vehicles and shiftable appliances on single building level and aggregated level

Azizi, Elnaz; Ahmadihangar, Roya; **Rosin, Argo**; Bolouki, Sadegh Sustainable cities and society 2022 / art. 103999

<https://doi.org/10.1016/j.scs.2022.103999> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterizing the 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](#)

Charring performance of timber structures protected by traditional lime-based plasters

Liblik, Johanna; Nurk, Meeri; Just, Alar Construction and building materials 2022 / art. 128572

<https://doi.org/10.1016/j.conbuildmat.2022.128572> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chemical and physical characterization of oil shale combustion emissions in Estonia

Aurela, Minna; Mylläri, Fanni; **Konist, Alar**; Saarikoski, Sanna; Olin, Miska; Simonen, Pauli; Bloss, Matthew; **Nešumajev, Dmitri**;

Salo, Laura; Maasikmets, Marek; Sipilä, Mikko; Maso, Mikka Dal; Keskinen, Jorma; Timonen, Hilikka; Rönkkö, Topi Atmospheric

Environment: X 2021 / art. 100139, 9 p. : ill <https://doi.org/10.1016/j.aeaoa.2021.100139> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chemical bath deposition of ZnS films using different Zn-salts

Ernits, Kaia; Muska, Katri; **Kauk, Marit**; Danilson, Mati; Raudoja, Jaan; Varema, Tiit; Volobujeva, Olga; **Altosaar, Mare**

Physics procedia : EMRS-2009 Spring Meeting, Strasbourg, France, 8-12 of June 2009 2009 / p. BP4-10

Chemical etching of tetrahedrite Cu₁₀Cd₂Sb₄S₁₃ monograin powder materials for solar cell applications

Ghisani, Fairouz; Timmo, Kristi; Altosaar, Mare; Mikli, Valdek; Danilson, Mati; Grossberg, Maarja; Kauk-Kuusik, Marit

Materials science in semiconductor processing 2022 / art. 106291 <https://doi.org/10.1016/j.mssp.2021.106291> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

CoB-TiB₂ crystalline powders : Synthesis, microstructural analysis and their utilization as reinforcement agent

Khoshshima, Sina; Altintas, Zerrin; Burkhardt, Ulrich; Schmidt, Marcus; Prashanth, Konda Gokuldoss; Somer, Mehmet; Balci, Özge Advanced powder technology 2020 / p. 2964-2972 <https://doi.org/10.1016/j.appt.2020.05.026> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cocaine-induced epigenetic DNA modification in mouse addiction-specific and non-specific tissues

Anier, Kaili; Urb, Mari; Kipper, Karin; Herodes, Koit; Timmusk, Tõnis Neuropharmacology 2018 / p. 13-25 <https://doi.org/10.1016/j.neuropharm.2018.06.036> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Co-gasification of biomass and oil shale under CO₂ atmosphere : comparative analysis of fixed-bed reactor, gas chromatography and thermogravimetric analysis coupled with mass spectroscopy (TGA-MS)

Sinisaalu, Mari; Järvik, Oliver; Mets, Birgit; Konist, Alar Bioresource technology 2024 / art. 130086 <https://doi.org/10.1016/j.biortech.2023.130086>

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 2023 / art. 100424 <https://doi.org/10.1016/j.ecmx.2023.100424>

A combined analytical model for increasing the accuracy of heat emission predictions in rooms heated by radiators

Võsa, Karl-Villem; Ferrantelli, Andrea; Kurnitski, Jarek Journal of building engineering 2019 / p. 291-300 <https://doi.org/10.1016/j.jobbe.2019.02.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Combined strain rate, mesh size and calibration test influence on structural failure : Miniature ship grounding test

Calle, Miguel A. G.; Oshiro, Roberto E.; Kõrgesaar, 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](#)

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 of MoSi₂ based composite and selective laser sintering thereof

Minasyan, Tatevik; Aghayan, Marina; Liu, Le; Aydinian, Sofiya; Kollo, Lauri; Hussainova, Irina; Rodriguez, Miguel Angel Journal of the European Ceramic Society 2018 / p. 3814-3821 : ill <https://doi.org/10.1016/j.jeurceramsoc.2018.04.043> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comments on "PBH tests for nonlinear systems"

Sarafrazi, Mohammad Amin; Bartosiewicz, Zbigniew; Kotta, Ülle Automatica 2020 / art. 108617 <https://doi.org/10.1016/j.automatica.2019.108617> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparative assessment of heat recovery from treated wastewater in the district heating systems of the three capitals of the Baltic countries

Ziemele, Jelena; Volkova, Anna; Latõšov, Eduard; Murauskaitė, Lina; Džiuvė, Vytautas Energy 2023 / art. 128132

A comparative evaluation towards the potential of Klebsiella sp. and Enterobacter sp. in plant growth promotion, oxidative stress tolerance and chromium uptake in Helianthus annuus (L.)

Gupta, Pratishtha; Kumar, Vipin; Usmani, Zeba; Rani, Rupa; Chandra, Avantika; Gupta, Vijai Kumar Journal of hazardous materials 2019 / 7 p. : ill <https://doi.org/10.1016/j.jhazmat.2019.05.054> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparative investigation of microstructure, mechanical properties and strengthening mechanisms of Al-12Si/TiB₂ fabricated by selective laser melting and hot pressing

Xi, L. X.; Zhang, H.; Wang, P.; Li, H.C.; **Prashanth, Konda Gokuldoss** Ceramics international 2018 / p. 17635-17642 : ill <https://doi.org/10.1016/j.ceramint.2018.06.225> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A comparative study of the growth dynamics and tribological properties of nanocrystalline diamondfilms deposited on the (110) single crystaldiamond and Si(100) substrates

Podgurski, Vitali; Bogatov, Andrei; Yashin, Maxim; Viljus, Mart; Volobujeva, Olga; Mere, Arvo; Raadik, Taavi Diamond and related materials 2019 / p. 159-167 : ill <https://doi.org/10.1016/j.diamond.2018.12.024> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A comparative study on physio-mechanical properties of silica compacts fabricated using rice husk ash derived amorphous and crystalline silica

Gupta, Ashutosh; Pandey, Vaibhav; **Yadav, Mayank Kumar**; Mohanta, Kalyani; Majhi, Manas Ranjan Ceramics international 2022 / p. 35750-35758 <https://doi.org/10.1016/j.ceramint.2022.07.098> [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 the leaching behavior of phosphorus, aluminum and iron from post-precipitated tertiary sludge and anaerobically digested sewage sludge aiming at phosphorus recovery

Monea, Marlena; Löhr, Dirk Karsten; Meyer, Carsten; **Ivanova Drenkova-Tuhtan, Asya** Journal of cleaner production 2020 / art. 119129, 8 p. : ill <https://doi.org/10.1016/j.jclepro.2019.119129> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparison of additively manufacturing samples fabricated from pre-alloyed and mechanically mixed powders

Zhao, Chao; Wang, Zhi; Li, Daoxi; Xie, Meishen; **Kollo, Lauri**; Luo, Zongqiang; Zhang, Weiwen; **Prashanth, Konda Gokuldoss** Journal of alloys and compounds 2020 / art. 154603, 5 p. : ill <https://doi.org/10.1016/j.jallcom.2020.154603> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A comparison of Baltic Sea wave properties simulated using two modelled wind data sets

Giudici, Andrea; Jankowski, Mikolaj Zbigniew; **Männikus, Rain; Najafzadeh, Fatemeh**; Suursaar, Ülo; **Soomere, Tarmo** Estuarine, coastal and shelf science 2023 / art. 108401, 15 p. : ill <https://doi.org/10.1016/j.ecss.2023.108401>

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.egyr.2019.11.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparison of performance-based specification properties for asphalt binders sourced from around the world

Lill, Kristjan; Khan, Ahmad Nawaz; **Kontson, Karli**; Hesp, Simon A. M. Construction and building materials 2020 / art. 120552, 8 p <https://doi.org/10.1016/j.conbuildmat.2020.120552> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Composition and distribution of diazotrophs in the Baltic Sea

Salamon Slater, E. R.; Turk-Kubo, K. A.; Hallström, S.; Kesy, K.; **Laas, Peeter**; Magasin, J.; Zehr, J. P.; Labrenz, M.; Riemann, L. Estuarine, coastal and shelf science 2023 / art. 108527 <https://doi.org/10.1016/j.ecss.2023.108527>

A comprehensive instrument for identifying critical information infrastructure services

Herrera, Luis-Carlos; **Maennel, Olaf Manuel** International Journal of Critical Infrastructure Protection 2019 / p. 50-61 : ill <https://doi.org/10.1016/j.ijcip.2019.02.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A comprehensive stepped planing hull systematic series : part 1 - resistance test

Vitiello, Luigi; Mancini, Simone; **Bilandi, Rasul Niazmand**; Dashtimanesh, Abbas; De Luca, Fabio; Nappo, Vincenzo Ocean engineering 2022 / art. 112242 <https://doi.org/10.1016/j.oceaneng.2022.112242> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Concept drift and cross-device behavior : challenges and implications for effective android malware detection

Guerra Manzanares, Alejandro; Luckner, Marcin; Bahsi, Hayretin Computers & Security 2022 / art. 102757, 20 p. : ill <https://doi.org/10.1016/j.cose.2022.102757> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Congestion control strategies for increased renewable penetration of photovoltaic in LV distribution networks

Shabbir, Noman; Kütt, Lauri; **Astapov, Victor**; Husev, Oleksandr; Ahmadiyahangar, Roya; Wen, Fushuan; Kull, Karl Energy reports 2022 / p. 217-223 <https://doi.org/10.1016/j.egyr.2022.10.184> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

Consumers' willingness to disclose their personal data in e-commerce: A reciprocity-based social exchange perspective

Degutis, Mindaugas; Urbonavičius, Sigitas; **Hollebeek, Linda Desiree;** Anselmsson, Johan Journal of retailing and consumer services 2023 / art. 103385 <https://doi.org/10.1016/j.jretconser.2023.103385>

Converting Tallinn's historic centre's (Old Town) heating system to a district heating system

Volkova, Anna; Krupenski, Igor; Kovtunova, Natalja; Hlebnikov, Aleksandr; Mašatin, Vladislav; Ledvanov, Aleksandr Energy 2023 / art. 127429 <https://doi.org/10.1016/j.energy.2023.127429>

Cooling demand and daylight in the new Tallinn Town Hall buildings the influence of facade design

Voll, Hendrik; Seinre, Erkki Energy procedia 2012 / p. 1243-1249 : ill

<https://www.sciencedirect.com/science/article/pii/S1876610212016530>

A coordinated strategy for multi-machine power system stability

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

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

Correlation of gc-o and sensory data of Finnish honeys - methods and challenges

Rosenvald, Sirli; Kortseniemi, M.; Laaksonen, O.; Ollikka, T.; **Vene, Kristel;** Yang, Baoru 12th Pangborn Sensory Science Symposium : 20-24 August 2017, Rhode Island Convention Center, Providence, Rhode Island, USA 2017 / p. [P2.3.16]

Corrigendum to "Generation and development of damages in double forged tungsten in different regimes of irradiation with extreme heat loads" [J. Nucl. Mater. 495 (2017) 91-102]

Paju, Jana; Väli, Berit; Laas, Tõnu; **Shirokova, Veronika; Antonov, Maksim** Journal of nuclear materials 2018 / p. 323-324 : tab

<https://doi.org/10.1016/j.jnucmat.2018.03.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Corrigendum to "The influence of high energy milling and sintering parameters on reactive sintered (Ti, Mo)C–Ni cermets" [J. Alloys Compd. 636 (2015) 381–386] (S0925838815005009) (10.1016/j.jallcom.2015.02.071))

Jõelet, Marek; Pirs, Jüri; Juhani, Kristjan; Viljus, Mart; Traksmäa, Rainer Journal of alloys and compounds 2018 / p. 128

<https://doi.org/10.1016/j.jallcom.2018.05.128> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A COST Action on microbial responses to low pH : developing links and sharing resources across the academic-industrial divide

Azizi, Amir; Carvalho De Araujo, Laurine; Cetecioglu, Zeynep; Clancy, Aisha J.; Feger, Marie L.; Liran, Oded; O'Byrne, Conor; **Sanka, Immanuel; Scheler, Ott;** Sedlakova-Kadukova, Jana; Ziv, Carmi; De Biase, Daniela; Lund, Peter A. New biotechnology 2022 / p. 64-70 <https://doi.org/10.1016/j.nbt.2022.09.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Coupling and electrodes

Metshein, Margus Bioimpedance and Spectroscopy 2021 / p. 3-50 : ill <https://doi.org/10.1016/B978-0-12-818614-5.00010-2>

<https://ebookcentral.proquest.com/lib/tuee/reader.action?docID=6644985&ppg=48>

Coupling of the electricity and district heat generation sectors with building stock energy retrofits as a measure to reduce carbon emissions

Jokinen, Ilkka; Lund, Andreas; Hirvonen, Janne; **Jokisalo, Juha; Kosonen, Risto;** Lehtonen, Matti Energy conversion and management 2022 / art. 115961, 17 p. : ill <https://doi.org/10.1016/j.enconman.2022.115961> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Filho, Walter Leal; **Voronova, Viktoria; Klöga, Marija;** Paco, A; Minhas, A Science of the total environment 2021 / art. 145997, 7 p

<https://doi.org/10.1016/j.scitotenv.2021.145997> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Credit constraints and RD over the boom and bust: Firm-level evidence from Central and Eastern Europe

Männasoo, Kadri; Meriküll, Jaanika Economic systems 2020 / art. 100747, 14 p. <https://doi.org/10.1016/j.ecosys.2020.100747> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Creep and high temperature fatigue performance of as build selective laser melted Ti-based 6Al-4V titanium alloy

Viespoli, Luigi Mario; Bressan, Stefano; Itoh, Takamoto; Hiyoshi, Noritake; **Prashanth, Konda Gokuldoss**; Berto, Filippo Engineering failure analysis 2020 / art. 104477, 9 p. : ill <https://doi.org/10.1016/j.engfailanal.2020.104477> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cross-cultural differences in driver aggression, aberrant, and positive driver behaviors

Ersan, Özlem; Üzümcüoğlu, Yesim; Azık, Derya; **Pashkevich, Anton**; **Pashkevich, Maria** Transportation research part F: traffic psychology and behaviour 2020 / p. 88-97 <https://doi.org/10.1016/j.trf.2020.03.020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cross-cultural differences in pedestrian behaviors in relation to values : a comparison of five countries

Solmazer, Gaye; Azık, Derya; Fındık, Gizem; Üzümcüoğlu, Yeşim; **Pashkevich, Anton**; **Pashkevich, Maria** Accident analysis & prevention 2020 / art. 105459 <https://doi.org/10.1016/j.aap.2020.105459> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cross-device behavioral consistency : benchmarking and implications for effective android malware detection

Guerra Manzanares, Alejandro; **Välbe, Martin** Machine Learning with Applications 2022 / art. 100357, 15 p. : ill <https://doi.org/10.1016/j.mlwa.2022.100357>

Cross-talk between bioactive lipid mediators and the unfolded protein response in ischemic stroke

Teder, Tarvi; Haeggström, Jesper Z.; Airavaara, Mikko; **Löhelaid, Helike** Prostaglandins & other lipid mediators 2023 / art. 106760 <https://doi.org/10.1016/j.prostaglandins.2023.106760>

Cucurbiturils : synthesis, structures, formation mechanisms, and nomenclature

Aav, Riina; **Kaabel, Sandra**; **Fomitšenko, Maria** Comprehensive supramolecular chemistry II. Vol. 3, Supramolecular receptors 2017 / p. 203-220 : ill <https://doi.org/10.1016/B978-0-12-409547-2.12514-4>

Cu(In,Ga)Se₂ monograin powders with different Ga content for solar cells

Timmo, Kristi; **Kauk-Kuusik, Marit**; **Pilvet, Maris**; **Altosaar, Mare**; **Grossberg, Maarja**; **Danilson, Mati**; **Kaupmees, Reelika**; **Mikli, Valdek**; **Raudoja, Jaan**; **Varema, Tiit** Solar energy 2018 / p. 648–655 : ill <https://doi.org/10.1016/j.solener.2018.10.078> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cu-Ni-Sn alloy fabricated by melt spinning and selective laser melting: a comparative study on the microstructure and formation kinetics

Zhao, Chao; Wang, Zhi; Li, Daoxi; **Kollo, Lauri**; Luo, Zongqiang; Zhang, Weiwen; **Prashanth, Konda Gokuldoss** Journal of materials research and technology 2020 / p. 13097–13105 <https://doi.org/10.1016/j.jmrt.2020.09.047> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Harkmann, Kersti; **Staehr, Karsten** Journal of International Money and Finance 2021 / art. 102286 <https://doi.org/10.1016/j.jimonfin.2020.102286> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Customer engagement design in industrial innovation

Hollebeek, Linda Desiree; Keeling, Debbie Isobel; de Ruyter, Ko Industrial Marketing Management 2022 / p. 83-89 <https://doi.org/10.1016/j.indmarman.2022.07.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

CVD nanocrystalline multilayer graphene coated 3D-printed alumina lattices

Ramirez, Cristina; **Shamshirgar, Ali Saffar**; Perez-Coll, Domingo; Osendi, Maria Isabel; Miranzo, Pilar; Tewari, Girish C.; Karpinen, Maarit; **Hussainova, Irina**; Belmonte, Manuel Carbon 2023 / p. 36-46 <https://doi.org/10.1016/j.carbon.2022.10.085>

DASIP 2016 : [special issue]

2017 <https://www.sciencedirect.com/journal/journal-of-systems-architecture/special-issue/10N2RZ46VP0>

Data fusion for ITS : a systematic literature review

Ounoughi, Chahinez; **Ben Yahia, Sadok** Information Fusion 2023 / p. 267-291 <https://doi.org/10.1016/j.inffus.2022.08.016>

Data generative machine learning model for the assessment of outdoor thermal and wind comfort in a northern urban environment

Eslamirad, Nasim; **De Luca, Francesco**; **Lylykangas, Kimmo Sakari**; **Ben Yahia, Sadok** Frontiers of architectural research 2023 / p. 541-555 : ill <https://doi.org/10.1016/j.foar.2022.12.001>

Dating of glacial palaeogroundwater in the Ordovician-Cambrian aquifer system, northern Baltic Artesian Basin
Pärn, Joonas; Raidla, Valle; Ivask, Jüri; Kaup, Enn; Martma, Tõnu; Vaikmäe, Rein Applied geochemistry 2019 / p. 64-76 : ill
<https://doi.org/10.1016/j.apgeochem.2019.01.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Day-ahead economical planning of multi-vector energy district considering demand response program
Ghasemi-Marzbali, Ali; Shafiei, Mohammad; Ahmadihangar, Roya Applied energy 2023 / art. 120351
<https://doi.org/10.1016/j.apenergy.2022.120351>

Daylight and overheating prediction formulas for building design in a cold climate
Sepulveda Luque, Abel; De Luca, Francesco; Kurnitski, Jarek Journal of building engineering 2022 / art. 103532, 15 p. : ill
<https://doi.org/10.1016/j.jobbe.2021.103532> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A decade of solar PV deployment in ASEAN : policy landscape and recommendations
Sreenath, Sukumaran; Azmi, Azlin Mohd; Dahlan, Nofri Yenita; Sudhakar, K. Energy reports 2023 / p. 460-469
<https://doi.org/10.1016/j.egyr.2022.05.219>

Decision support tools, systems and indices for sustainable coastal planning and management : a review
Barzehkar, Mojtaba; Parnell, Kevin Ellis; Soomere, Tarmo; Dragovich, Deirde; Engström, Johanna Ocean and Coastal Management 2021 / art. 105813, 13 p <https://doi.org/10.1016/j.ocecoaman.2021.105813> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Deep Reinforcement Learning for energy-aware task offloading in join SDN-Blockchain 5G massive IoT edge network
Sellami, Bassem; Hakiri, Akram; Ben Yahia, Sadok Future generation computer systems 2022 / p. 363-379
<https://doi.org/10.1016/j.future.2022.07.024> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at Scopus](#) [Article at Scopus](#)

Deformation and energy absorption studies on FBCC and FBCCz lattice structures with symmetrical density gradients produced by L-PBF of Ti-6Al-4V alloy
Jagadeesh, B.; Duraiselvam, Muthukannan; Prashanth, Konda Gokuldoss Materials today: proceedings 2024 / 6 p
<https://doi.org/10.1016/j.matpr.2024.02.008>

Deformation behavior of metallic lattice structures with symmetrical gradients of porosity manufactured by metal additive manufacturing
Jagadeesh, B.; Duraiselvam, Muthukannan; Prashanth, Konda Gokuldoss Vacuum 2023 / art. 111955
<https://doi.org/10.1016/j.vacuum.2023.111955>

Degradation of anti-inflammatory drug dexamethasone by pulsed corona discharge : The effect of peroxycompounds addition
Onga, Liina; Kattel-Salusoo, Eneliis; Preis, Sergei; Dulova, Niina Journal of environmental chemical engineering 2022 / art. 108042 <https://doi.org/10.1016/j.jece.2022.108042> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Degradation of aqueous alachlor in pulsed corona discharge
Bolobajev, Juri; Gornov, Daniil; Kornev, Iakov; Preis, Sergei Journal of electrostatics 2021 / art. 103543
<https://doi.org/10.1016/j.elstat.2020.103543> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Demand response potential of district heating in a swimming hall in Finland
Yuan, Xiaolei; Lindroos, Leo; Jokisalo, Juha; Kosonen, Risto; Pan, Yiqun; Jin, Hui Energy and buildings 2021 / art. 111149, 12 p. : ill
<https://doi.org/10.1016/j.enbuild.2021.111149> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Densification of the eggshell powder by spark plasma sintering
Shukla, Riddhi; Sokkalingam, Rathinavelu; Prashanth, Konda Gokuldoss Journal of alloys and compounds 2023 / art. 171079
<https://doi.org/10.1016/j.jallcom.2023.171079>

Dependence of multifractal analysis parameters on the darkness of a processed image
Martsepp, Merike; Laas, Tõnu; Laas, Katrin; Priimets, Jaanis; Tökke, Siim; Mikli, Valdek Chaos, Solitons & Fractals 2022 / art. 111811 <https://doi.org/10.1016/j.chaos.2022.111811> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Design and applications of Rogowski coil sensors for power system measurements : a review
Shafiq, Muhammad; Stewart, Brian G.; Hussain, Ghulam Amjad; Hassan, Waqar; Choudhary, Maninder; Palo, Ivo Measurement : journal of the International Measurement Confederation 2022 / art. 112014, 10 p. : ill <https://doi.org/10.1016/j.measurement.2022.112014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Design of Cyber Bio-analytical Physical Systems : formal methods, architectures, and multi-system interaction strategies
Ashraf, Kanwal; Le Moullec, Yannick; Pardy, Tamas; Rang, Toomas Microprocessors and microsystems 2023 / art. 104780, 14 p. : ill <https://doi.org/10.1016/j.micpro.2023.104780>

Design of glulam arched roof structures with steel joints

Õiger, Karl Light-Weight Steel and Aluminium Structures : Fourth International Conference on Steel and Aluminium Structures : Espoo, Finland, 20-23 June 1999 1999 / p. 327-334: ill

Design of sustainable ionic liquids based on l-phenylalanine and l-alanine dipeptides : synthesis, toxicity and biodegradation studies

Kapitanov, Illia; Raba, Grete; Špulak, Marcel; Vilu, Raivo; Karpichev, Yevgen; Gathergood, Nicholas Journal of Molecular Liquids 2023 / art. 121285 <https://doi.org/10.1016/j.molliq.2023.121285>

Designing highly insulated cross-laminated timber external walls in terms of hygrothermal performance : field measurements and simulations

Kukk, Villu; Kaljula, Laura; Kers, Jaan; Kalamees, Targo Building and Environment 2022 / art. 108805

<https://doi.org/10.1016/j.buildenv.2022.108805> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Detailed analysis of metabolism reveals growth-rate-promoting interactions between Anaerostipes caccae and Bacteroides spp

Kattel, Anna; Morell, Indrek; Aro, Valter; Lahtvee, Petri-Jaan; Vilu, Raivo; Jöers, Arvi; Nahku, Ranno Anaerobe 2023

<https://doi.org/10.1016/j.anaerobe.2022.102680>

Detailed modeling of sorptive and textural properties of CaO-based sorbents with various porous structures

Bazaikin, Ya.V.; Malkovich, E.G.; Prokhorov, D.I.; Derevshchikov, Vladimir Separation and purification technology 2021 / art.

117746, 12 p. : ill <https://doi.org/10.1016/j.seppur.2020.117746> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Detecting peat extraction related activity with multi-temporal Sentinel-1 InSAR coherence time series

Tampuu, Tauri; Praks, Jaan; Kull, Ain; Uiboupin, Rivo; Tamm, Tanel; Voormansik, Tanel International journal of applied earth

observation and geoinformation 2021 / art. 102309, 11 p. : ill <https://doi.org/10.1016/j.jag.2021.102309> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determination of natural convection heat transfer coefficient over the fin side of a coil system

Shams Ghahfarokhi, Payam; Belahcen, Anouar; Kallaste, Ants; Vaimann, Toomas; Rassõlkin, Anton International journal of heat and mass transfer 2018 / p. 677-682 : ill <https://doi.org/10.1016/j.ijheatmasstransfer.2018.05.071> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determination of paper plaster hygrothermal performance: influence of different types of paper on sorption and moisture buffering

Vares, Maia-Liisa; Ruus, Aime; Nutt, Nele; Kubjas, Ardo; Raamets, Jane Journal of building engineering 2021 / art. 101830, 8 p.

: ill <https://doi.org/10.1016/j.jobbe.2020.101830> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Developing energy calculation methodology and calculation tool validations : Application in air-heated ice rink arenas

Taebnia, Mehdi; Toomla, Sander; Leppä, Lauri; Kurnitski, Jarek Energy and buildings 2020 / art. 110389, 19 p. : ill

<https://doi.org/10.1016/j.enbuild.2020.110389> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of a dedicated Golden Gate Assembly Platform (RtGGA) for Rhodotorula toruloides

Bonturi, Nemailla; Pinheiro, Marina Julio; Oliveira, Paola Monteiro de; Rusadze, Eka; Eichinger, Tobias; Liudžiute, Gintare; De Biaggi, Giuliano Sabedotti; Brauer, Age; Remm, Mairo; Miranda, Everson Alves; Ledesma-Amaro, Rodrigo; Lahtvee, Petri-Jaan Metabolic engineering communications 2022 / art. e00200 <https://doi.org/10.1016/j.mec.2022.e00200> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Development of a portable MIP-based electrochemical sensor for detection of SARS-CoV-2 antigen

Raziq, Abdul; Kidakova, Anna; Boroznjak, Roman; Reut, Jekaterina; Öpik, Andres; Sõritski, Vitali Biosensors and

bioelectronics 2021 / art. 113029 <https://doi.org/10.1016/j.bios.2021.113029> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of Cu-based shape memory alloy through selective laser melting from elemental powder mixture: Processing and characterization

Singh, Shalini; Palani, I. A.; Dehgahi, Shirin; Qureshi, A. J.; Jinoop, A. N.; Paul, C. P.; Prashanth, Konda Gokuldoss Journal of

alloys and compounds 2023 / art. 171029 <https://doi.org/10.1016/j.jallcom.2023.171029>

Development of furcellaran and furcellaran-bovine serum albumin films to improve food quality and safety

Laos, Katrin; Mironova, Marina; Friedenthal, Margus INTRADFOOD2005 : Innovations in Traditional Foods : Valencia, 25 to 28 October, 2005 : congress proceedings. Volume II 2005 / p. 1343-1346

Development of furcellaran and furcellaran-bovine serum albumin films to improve food quality and safety

Laos, Katrin; Mironova, Marina; Friedenthal, Margus INTRADFOOD2005 : Innovations in Traditional Foods : delegate manual : 25-28 October, 2005, Valencia, Spain 2005 / p. P5.55

Development of microbiome biobanks – challenges and opportunities

Ryan, M.J.; Schlöter, M.; Berg, G.; Kostic, T.; **Sarand, Inga** Trends in microbiology 2021 / p. 89-92

<https://doi.org/10.1016/j.tim.2020.06.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Diagnostics analysis of partial discharge events of the power cables at various voltage levels using ramping behavior analysis method

Mishra, Sambeet; **Singh, Praveen Prakash; Kiitam, Ivar; Shafiq, Muhammad; Palu, Ivo**; Bordin, Chiara Electric power systems research 2024 / art. 109988 <https://doi.org/10.1016/j.epsr.2023.109988>

Digital business foresight: Keyword-based analysis and CorEx topic modeling

Bzhalava, Levan; Kaivo-oja, Jari; Hassan, Sohaib S. Futures 2024 / art. 103303 <https://doi.org/10.1016/j.futures.2023.103303>

Digital forensic analysis of mobile automotive maintenance applications

Sumaila, Faisal; Bahsi, Hayretudin Forensic Science International : Digital Investigation 2022 / art. 301440

<https://doi.org/10.1016/j.fsidi.2022.301440> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Digitalization and real-time control to mitigate environmental impacts along rivers: focus on artificial barriers, hydropower systems and European priorities

Quaranta, Emanuele; Bejarano, Maria Dolores; Comoglio, Claudio; Fuentes-Pérez, Juan Francisco; Pérez-Díaz, Juan Ignacio; Sanz-Ronda, Francisco Javier; **Schletterer, Martin**; Szabo-Meszaros, Marcell; **Tuhtan, Jeffrey Andrew** Science of the total environment 2023 / 22 p. : ill <https://www.sciencedirect.com/science/article/pii/S0048969723011051> <https://doi.org/10.1016/j.scitotenv.2023.162489>

Digitalization of high speed craft design and operation challenges and opportunities

Dashtimanesh, Abbas; Ghaemi, Mohammad Hossein; Wang, Youjiang Procedia Computer Science 2022 / p. 566-576

<https://doi.org/10.1016/j.procs.2022.01.254> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Direct aqueous carbonation on olivine at a CO₂ partial pressure of 6.5 MPa

Li, Jiajie; Jacobs, Anthony D.; **Hitch, Michael William** Energy 2019 / p. 902-910 : ill <https://doi.org/10.1016/j.energy.2019.02.125> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Directional conductivity in layered alumina

Hussainova, Irina; Saffarshamshirgar, Ali; Ivanov, Roman; Volobujeva, Olga; Romanov, Alexey; Gasik, Michael Current applied physics 2022 / p. 68-73 : ill <https://doi.org/10.1016/j.cap.2020.06.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Directional variation of return periods of water level extremes in Moonsund and in the Gulf of Riga, Baltic Sea

Männikus, Rain; Soomere, Tarmo Regional studies in marine science 2023 / art. 102741 <https://doi.org/10.1016/j.rsma.2022.102741>

Discontinuity-driven mesh alignment for evolving discontinuities in elastic solids

Berezovski, Mihail; **Berezovski, Arkadi** Journal of computational physics 2020 / art. 109542, 21 p

<https://doi.org/10.1016/j.jcp.2020.109542> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dismantling myths on the airborne transmission of severe acute respiratory syndrome coronavirus (SARS-CoV-2)

Tang, J.W.; Bahnfleth, William; Bluysen, P.M.; Buonanno, G.; Jimenez, J.L.; **Kurnitski, Jarek** Journal of hospital infection 2021 / p. 89–96 <https://doi.org/10.1016/j.jhin.2020.12.022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A distributed and incremental algorithm for large-scale graph clustering

Inoubli, Wissem; Aridhi, Sabour; Mezni, Haithem; Maddouri, Mondher; Mephu Nguifo, Engelbert Future generation computer systems 2022 / p. 334-347 <https://doi.org/10.1016/j.future.2022.04.013>

Distributed storage placement policy for minimizing frequency deviations: A combinatorial optimization approach based on enhanced cross-entropy method

Machlev, Ram; Chowdhury, Nilanjan Roy; **Belikov, Juri; Levron, Yoash** International Journal of Electrical Power and Energy Systems 2022 / p. 1-14 : ill <https://doi.org/10.1016/j.ijepes.2021.107332> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Disturbance decoupling in nonlinear hybrid systems

Kaldmäe, Arvo; Kotta, Ülle; Shumsky, Alexey; Zhirabok, Alexey Nonlinear analysis : hybrid systems 2018 / p. 42-53

<https://doi.org/10.1016/j.nahs.2017.11.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Do gender, age and education affect herding in the real estate market?

Talpsepp, Tõnn; Tänav, Anne-Liis Journal of behavioral and experimental finance 2021 / art. 100571 : ill

<https://doi.org/10.1016/j.jbef.2021.100571> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Do individuals expect the Phillips curve? Evidence from the European consumer expectations survey

Kirpson, Gerda; Staehr, Karsten Economics letters 2023 <https://doi.org/10.1016/j.econlet.2023.111430>

Do we need human capital heterogeneity for energy efficiency and innovativeness? Insights from European catching-up territories

Prokop, Viktor; **Gerstlberger, Wolfgang Dieter**; Zapletal, David; Gyamfi, Solomon Energy policy 2023 / art. 113565, 16 p
<https://doi.org/10.1016/j.enpol.2023.113565>

Does it pay to pay attention? Estimating sources of consumer inertia in car insurance market

Kepp, Kaido; Männasoo, Kadri SSRN 2023 <https://doi.org/10.2139/ssrn.4531692>

Doping engineering for controlled hydration and mechanical properties in Portland cement mortar with ultra-low ZnO concentration

Tamashiro, Jacqueline Roberta; de la Rubia, Miguel Angel; Rubio-Marcos, Fernando; **Rojas-Hernandez, Rocio Estefania**; Silva, Lucas Henrique Pereira; de Paiva, Fabio Friol Guedes; Kinoshita, Angela; Terrades, Amparo Moragues Journal of building engineering 2023 / art. 107748 <https://doi.org/10.1016/j.jobbe.2023.107748>

Driver profiles based on values and traffic safety climate and their relationships with driver behaviors

Kaçan, Bilgesu; Fındık, Gizem; Üzümcüoğlu, Yeşim; **Pashkevich, Anton**; **Pashkevich, Maria** Transportation research part F : traffic psychology and behaviour 2019 / p. 246-259 <https://doi.org/10.1016/j.trf.2019.05.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Drivers of dissolved organic carbon export in a subarctic catchment : importance of microbial decomposition, sorption-desorption, peatland and lateral flow

Tang, Jing; Yurova, Alla Y.; Schurger, Guy; Miller, Paul A.; Olin, Stefan; Smith, Benjamin; Siewert, Matthias B.; Olefeldt, David; Pilesjö, Petter; **Poska, Anneli** Science of the total environment 2018 / p. 260-274 : ill <https://doi.org/10.1016/j.scitotenv.2017.11.252> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Droplet-based methods for tackling antimicrobial resistance

Ruszczak, Artur; **Bartkova, Simona**; Zapotoczna, Marta; **Scheler, Ott**; Garstecki, Piotr Current opinion in biotechnology 2022 / art. 102755 <https://doi.org/10.1016/j.copbio.2022.102755> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dynamic heating control measured and simulated effects on power reduction, energy and indoor air temperature in an old apartment building with district heating

Hajian, Hatef; Ahmed, Kaiser; **Kurnitski, Jarek** Energy and buildings 2022 / art. 112174 <https://doi.org/10.1016/j.enbuild.2022.112174> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dynamic motion analysis of stepless and stepped planing hulls in random waves: a CFD model perspective

Bilandi, Rasul Niazmand; Tavakoli, Sasan; Mancini, Simone; Dashtimanesh, Abbas Applied Ocean Research 2024 / art. 104046 <https://doi.org/10.1016/j.apor.2024.104046>

Dynamic of a planing hull in regular waves: Comparison of experimental, numerical and mathematical methods

Tavakoli, Sasan; Bilandi, Rasul Niazmand; Mancini, Simone; De Luca, Fabio; **Dashtimanesh, Abbas** Ocean engineering 2020 / art. 107959, 24 p. : ill <https://doi.org/10.1016/j.oceaneng.2020.107959> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Early Middle Weichselian in the White Sea and adjacent areas : chronology, stratigraphy and palaeoenvironments

Zaretskaya, Nataliya; Korsakova, Olga; **Molodkov, Anatoli**; Ruchkin, Maksim; Baranov, Dmitriy; Rybalko, Aleksandr; Lugovoy, Nikolay; Merkuliev, Alekse Quaternary international 2022 / 14 p. : ill <https://doi.org/10.1016/j.quaint.2022.05.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

EBSD investigation of microstructure and microtexture evolution on additively manufactured TiC-Fe based cermets—Influence of multiple laser scanning

Maurya, Himanshu Singh; Vikram, R. J.; Kumar, R.; Rahmani, Ramin; **Juhani, Kristjan**; **Sergejev, Fjodor**; **Prashanth, Konda Gokuldoss** Micron 2024 / art. 103613 <https://doi.org/10.1016/j.micron.2024.103613>

Economic analysis and impact on national grid by domestic photovoltaic system installations in Pakistan

Shabbir, Noman; Usman, Muhammad; Jawad, Muhammad; Zafar, Muhammad H.; **Iqbal, Muhammad Naveed**; **Kütt, Lauri** Renewable energy 2020 / p. 509-521 : ill <https://doi.org/10.1016/j.renene.2020.01.114> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ecosystem services costs of metal mining and pressures on biomes

Tost, Michael; Murguia, Diego; **Hitch, Michael William**; Lutter, Stephan; Luckeneder, Sebastian; Feiel, Susanne; Moser, Peter Extractive industries and society 2020 / p. 79-86 : ill <https://doi.org/10.1016/j.exis.2019.11.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ecotoxicity profiling of a library of 24 l-phenylalanine derived surface-active ionic liquids (SAILs)

Kusumahastuti, Dewi Kurnianingsih Arum; Sihtmäe, Mariliis; Aruoja, Villem; **Gathergood, Nicholas;** Kahru, Anne Sustainable chemistry and pharmacy 2021 / art. 100369, 10 p <https://doi.org/10.1016/j.scp.2020.100369> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of calcium to silicon ratio on the microstructure of hydrated calcium silicate gels prepared under medium alkalinity
Ba, Haojing; Li, Jiajie; Ni, Wen; Li, Ying; Ju, Yongjian; Zhao, Ben; Wen, Guoping; **Hitch, Michael William** Construction and building materials 2023 / art. 131240, 11 p.: ill <https://doi.org/10.1016/j.conbuildmat.2023.131240>

Effect of cBN content and additives on sliding and surface fatigue wear of spark plasma sintered Al₂O₃-cBN composites
Kumar, Rahul, 1993-; Antonov, Maksim; Klimczyk, Piotr; **Mikli, Valdek;** **Gomon, Dmitri** Wear 2022 / art. 204250
<https://doi.org/10.1016/j.wear.2022.204250> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of enzymelassisted hydrolysis on brewer's spent grain protein solubilization – peptide composition and sensory properties
Kriisa, Merike; Taivosalo, Anastassia; Föste, Maike; Kütt, Mary-Liis; Viirma, Maret; Priidik, Reimo; Korzeniowska, Malgorzata; Tian, Ye; Laaksonen, Oskar; Yang, Baoru; **Vilu, Raivo** Applied Food Research 2022 / art. 100108
<https://doi.org/10.1016/j.afres.2022.100108>

Effect of graphite deposition on heat transfer in high-temperature helium flow
Ots, Arvo; Käär, Harri Experimental heat transfer, fluid mechanics and thermodynamics 1988: proceedings of the First World Conference on Experimental Heat Transfer, Fluid Mechanics, and Thermodynamics held September 4-9, 1988, in Dubrovnik, Yugoslavia 1988 / p. 901-906

The effect of ionic liquids on the mechanical properties of electrospun polyacrylonitrile membranes
Plamus, Tiia; Savest, Natalja; Viirsalu, Mihkel; Harz, Patrick; **Tarasova, Elvira;** **Krasnou, Illia;** **Vassiljeva, Viktoria;** **Kallavus, Urve;** **Krumme, Andres** Polymer testing 2018 / p. 335-343 : ill <https://doi.org/10.1016/j.polymertesting.2018.09.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of laser heat treatment on Al_xTi_{1-x}N-based PVD coatings, deposited on carbon and tool steel substrates
Surženkov, Andrei; Viljus, Mart; Antonov, Maksim; Kübarsepp, Jakob; Juhani, Kristjan; Kulu, Priit; Vagiström, Heinar; Jankauskas, Vytenis; Leišys, Rimtautas; Bendikiene, Regita; Adoberg, Eron; Peetsalu, Priidu; **Mere, Arvo; Gregor, Andre** Surface and coatings technology 2022 / art. 128771 <https://doi.org/10.1016/j.surfcoat.2022.128771> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of lattice surface treatment on performance of hardmetal - titanium interpenetrating phase composites
Holovenko, Yaroslav; Kollo, Lauri; Saarna, Mart; Rahmani Ahranjani, Ramin; Soloviova, Tetiana; **Antonov, Maksim;** **Prashanth, Konda Gokuldoss;** Cygan, Slawomir; **Veinthal, Renno** International journal of refractory metals and hard materials 2020 / art. 105087, 10 p. : ill <https://doi.org/10.1016/j.ijrmhm.2019.105087> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of leaching pretreatment on the gasification of wine and vine (residue) biomass
Link, Siim; Arvelakis, Stelios; **Paist, Aadu;** Liliedahl, Truls; Rosen, Christer Renewable energy 2018 / p. 1-5 : tab
<https://doi.org/10.1016/j.renene.2017.08.028> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of microstructure on the erosive wear of titanium carbide-based cermets
Hussainova, Irina 14th International Conference on Wear of Materials : 30 March-3 April 2003, Washington, DC, USA. Part 1 2003 / p. 121-128 : ill

Effect of nanoparticles on morphology and size of primary silicon and property of selective laser melted Al-high Si content alloys
Xi, Lixia; Guo, Shuang; **Prashanth, Konda Gokuldoss; Sarac, Baran; Eckert, Jürgen** Vacuum 2021 / art. 110405
<https://doi.org/10.1016/j.vacuum.2021.110405> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of NiCoFeAlTi high entropy intermetallic reinforcement particle size on the microstructure and mechanical properties of CoCrFeMnNi high-entropy alloy composites fabricated by selective laser melting
Zhang, Zhiyu; Ma, Pan; Fang, Yacheng; Yang, Zhilu; Zhang, Nan; **Prashanth, Konda Gokuldoss;** Jia, Yandong Journal of alloys and compounds 2023 / art. 169417 <https://doi.org/10.1016/j.jallcom.2023.169417>

Effect of powder bed preheating on the crack formation and microstructure in ceramic matrix composites fabricated by laser powder-bed fusion process
Maurya, Himanshu Singh; Kosiba, Konrad; **Juhani, Kristjan; Sergejev, Fjodor; Prashanth, Konda Gokuldoss** Additive manufacturing 2022 / art. 103013, 13 p. : ill <https://doi.org/10.1016/j.addma.2022.103013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of preheating and cooling of the powder bed by laser pulse shaping on the microstructure of the TiC based cermets

Maurya, Himanshu Singh; Kollo, Lauri; Juhani, Kristjan; Sergejev, Fjodor; Prashanth, Konda Gokuldoss Ceramics international 2022 / p. 20612-20618 <https://doi.org/10.1016/j.ceramint.2022.04.029> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of pulsed deuterium plasma irradiation on dual-phase tungsten high-entropy alloys

Tökke, Siim; Laas, Tõnu; Priimets, Jaanis; **Tarraste, Marek; Mikli, Valdek; Antonov, Maksim** Fusion engineering and design 2022 / 11 p. : ill <https://doi.org/10.1016/j.fusengdes.2022.113260> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of scanning strategy on microstructure and texture evolution in a selective laser melted Al-33Cu eutectic alloy

Vikram, R. J.; Gokulnath, S. A.; **Prashanth, Konda Gokuldoss**; Suwas, Satyam Journal of alloys and compounds 2023 / art. 168098, 10 p. : ill <https://doi.org/10.1016/j.jallcom.2022.168098>

Effect of selective laser melting process parameters on microstructural and mechanical properties of TiC–NiCr cermet

Aramian, Atefeh; Sadeghian, Zohreh; Razavi, Seyed Mohammad J.; **Prashanth, Konda Gokuldoss**; Berto, Filippo Ceramics international 2020 / p. 28749-28757 <https://doi.org/10.1016/j.ceramint.2020.08.037> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The effect of surface properties on bond strength of birch, black alder, grey alder and aspen veneers

Rohumaa, Anti; Kallakas, Heikko; Mäetalu, Marja; Savest, Natalja; Kers, Jaan International Journal of Adhesion and Adhesives 2021 / art. 102945 <https://doi.org/10.1016/j.ijadhadh.2021.102945> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The effect of temperature and sliding speed on friction and wear of Si3N4, Al2O3, and ZrO2 balls tested against AlCrN PVD coating

Antonov, Maksim; Afshari, Hossein; Baroninš, Janis; Adoberg, Eron; Raadik, Taavi; Hussainova, Irina Tribology international 2018 / p. 500-514 : ill <https://doi.org/10.1016/j.triboint.2017.05.035> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of TiB2 addition on the mechanical and biological response of spark plasma sintered Ti6Al7Nb matrix composites

Singh, Neera; Ummethala, Raghunandan; Surreddi, Kumar Babu; Jayaraj, Jayamani; **Sokkalingam, Rathinavelu**; Rajput, Monika; Chatterjee, Kaushik; **Prashanth, Konda Gokuldoss** Journal of alloys and compounds 2022 / art. 166502 <https://doi.org/10.1016/j.jallcom.2022.166502> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of TiB2 particles on microstructure and crystallographic texture of Al-12Si fabricated by selective laser melting

Xi, L.; Wang, P.; **Prashanth, Konda Gokuldoss**; Li, H. Journal of alloys and compounds 2019 / p. 551-556 : ill <https://doi.org/10.1016/j.jallcom.2019.01.327> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of β -casein reduction and high heat treatment of micellar casein concentrate on proteolysis, texture and the volatile profile of resultant Emmental cheese during ripening

Xia, Xiaofeng; **Arju, Georg**; Taivosalo, Anastassia; Lints, Taivo; Kriščiunaite, Tiina; **Vilu, Raivo**; Corrigan, Bernard M.; Gai, Nan; Fenelon, Mark A.; Tobin, John T.; Kilcawley, Kieran; Kelly, Alan L.; McSweeney, Paul L. H.; Sheehan, Jeremiah J. International dairy journal 2023 / art. 105540, 13 p. : ill <https://doi.org/10.1016/j.idairyj.2022.105540>

Effects of drying on the gel strength and cation mobility of furcellaran

Friedenthal, Margus; Eha, Kairit; Viitak, Anu; Lukas, Ave; Siimer, Enn Innovative food science & emerging technologies 2001 / 1, p. 275-279 : ill [https://doi.org/10.1016/S1466-8564\(00\)00027-8](https://doi.org/10.1016/S1466-8564(00)00027-8)

Effects of early marine diagenesis and site-specific depositional controls on carbonate-associated sulfate: Insights from paired S and O isotopic analyses

Richardson, Jocelyn A.; **Lepand, Aivo; Hints, Olle**; Prave, Anthony R.; Gilhooly III, William P.; **Bradley, Alexander S.**; Fike, David A. Chemical geology 2021 / art. 120525 <https://doi.org/10.1016/j.chemgeo.2021.120525> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effects of irradiation of ZnO/CdS/Cu2ZnSnSe4/Mo/glass solar cells by 10 MeV electrons on photoluminescence spectra

Sulimov, M. A.; Sarychev, M.N.; Yakushev, Michael V.; **Krustok, Jüri** Materials science in semiconductor processing 2021 / art. 105301, 5 p. : ill <https://doi.org/10.1016/j.mssp.2020.105301> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effects of persulfate and hydrogen peroxide on oxidation of oxalate by pulsed corona discharge

Tikker, Priit; Dulova, Niina; Kornev, Iakov; **Preis, Sergei** Chemical engineering journal 2021 / art. 128586 <https://doi.org/10.1016/j.cej.2021.128586> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Efficiency enhancement of Cu2ZnSnS4 monograin layer solar cells via absorber post-growth treatments

Timmo, Kristi; Dolcet Sadurni, Marc; Pilvet, Maris; Muska, Katri; Altosaar, Mare; Mikli, Valdek; Atlan, Fabien; Guc, Maxim; Izquierdo-Roca, Victor; **Grossberg-Kuusk, Maarja; Kauk-Kuusik, Marit** Solar energy materials and solar cells 2023 / art. 112090

Efficient use of heat from CHP distributed by district heating system in district cooling networks

Pieper, Henrik; Kirs, Tanel; **Krupenski, Igor**; **Ledvanov, Aleksandr**; **Lepiksaar, Kertu**; **Volkova, Anna** Energy reports 2021 / p. 47-54 <https://doi.org/10.1016/j.egy.2021.09.041> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Electric properties of anorthite ceramics prepared from illitic clay and oil shale ash

Csaki, Štefan; Štubna, Igor; **Kaljuvee, Tiit**; Dobron, Patrik; Lukač, František; Trnik, Anton Journal of materials research and technology 2022 / p. 4164-4173 <https://doi.org/10.1016/j.jmrt.2022.11.030> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Electrical properties of polyaniline and polypyrrole bilayer structures

Bereznev, Sergei; **Golovtsov, Igor**; **Öpik, Andres** International Conference on Science and Technology of Synthetic Metals : 15th to 21st of July 2000, Gastein, Austria : book of abstracts 2000 / p. 63-MonH138

Electrodeposited chalcopyrite CuInGaSe₂ absorbers for solar energy harvesting

Mandati, Sreekanth; Sarada, Bulusu V. Materials science for energy technologies 2020 / p. 440-445 : ill <https://doi.org/10.1016/j.mset.2020.03.001>

Electro-deposited nano-Ni/reduced graphene oxide composite film of corrugated surface for high voltammetric sensitivity

Alinejadian, Navid; Kazemi, Sayed Habib; Nasirpour, Farzad; Odneval, Inger Charlotta Materials chemistry and physics 2023 / art. 127288, 8 p. : ill <https://doi.org/10.1016/j.matchemphys.2022.127288>

Elliptic boundary value problems with Gaussian white noise loads

Lasanen, Sari; **Roininen, Lassi**; Huttunen, Janne M.J. Stochastic processes and their applications 2018 / 21 p. <https://doi.org/10.1016/j.spa.2017.11.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An embedding driven approach to automatically detect identifiers and references in document stores

Souibgui, Manel; Atigui, Faten; **Ben Yahia, Sadok**; Cherfi, Samira Si-Said Data & knowledge engineering 2022 / art. 102003 <https://doi.org/10.1016/j.datak.2022.102003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Emissions and power demand in optimal energy retrofit scenarios of the Finnish building stock by 2050

Hirvonen, Janne; Heljo, Juhani; **Jokisalo, Juha**; Kurvinen, Antti; Saari, Arto; Niemelä, Tuomo; Sankelo, Paula; **Kosonen, Risto** Sustainable cities and society 2021 / art. 102896, 22 p. : ill <https://doi.org/10.1016/j.scs.2021.102896> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Endolichenic fungus, Aspergillus quandricinctus of Usnea longissima inhibits quorum sensing and biofilm formation of Pseudomonas aeruginosa PAO1

Prateeksha; Bajpai, Rajesh; Yusuf, Mohd Aslam; Upreti, Dalip Kumar; **Gupta, Vijai Kumar**; Singh, Brahma Nand Microbial pathogenesis 2020 / art. 103933, 9 p. : ill <https://doi.org/10.1016/j.micpath.2019.103933> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Energy and buildings. Vol. 106, SI, IEA-ECES Annex 31 special issue on thermal energy storage
2015

Energy cascade connection of a low-temperature district heating network to the return line of a high-temperature district heating network

Volkova, Anna; **Krupenski, Igor**; **Ledvanov, Aleksandr**; **Hlebnikov, Aleksandr**; **Lepiksaar, Kertu**; **Latšov, Eduard**; **Mašatin, Vladislav** Energy 2020 / art. 117304, 15 p. : ill <https://doi.org/10.1016/j.energy.2020.117304> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Energy efficient behavior modeling for demand side recommender system in solar microgrid applications using multi-agent reinforcement learning model

Onile, Abiodun Emmanuel; **Belikov, Juri**; Levron, Yoash; **Petlenkov, Eduard** Sustainable cities and society 2023 / art. 104392, 20 p. : ill <https://doi.org/10.1016/j.scs.2023.104392>

Energy governance as a commons : engineering alternative socio-technical configurations

Giotitsas, Christos; Nardelli, Pedro H.J.; Williamson, Sam; Roos, Andreas; Pournaras, Evangelos; **Kostakis, Vasileios** Energy research & social science 2022 / art. 102354, 6 p. : ill <https://doi.org/10.1016/j.erss.2021.102354> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Energy levels determination of Zn(O,Se) thin films

Abdalla, Akram; **Danilson, Mati**; **Mikli, Valdek**; **Bereznev, Sergei** Materials science in semiconductor processing 2023 / art. 107137 <https://doi.org/10.1016/j.mssp.2022.107137>

Energy storage facilities impact on flexibility of active distribution networks: stochastic approach

Alipour, Manijeh; Gharehpetian, Gevork B.; **Ahmadihangar, Roya; Rosin, Argo; Kilter, Jako** Electric power systems research 2022 / art. 108645 <https://doi.org/10.1016/j.epsr.2022.108645> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Energy storage for mitigating grid congestion caused by electric vehicles : a techno-economic analysis using a computationally efficient graph-based methodology

Navon, Aviad; Nitskansky, Ran; Lipman, Eshel; **Belikov, Juri**; Gal, Nurit; Orda, Ariel; Levron, Yoash Journal of energy storage 2023 / art. 106324 <https://doi.org/10.1016/j.est.2022.106324>

Energy supply and storage optimization for mixed-type buildings

Rikkas, Elina Rebecka; Lahdelma, Risto Energy 2021 / art. 120839 <https://doi.org/10.1016/j.energy.2021.120839>

Engagement and value cocreation within a multi-stakeholder service ecosystem

Viglia, Giampaolo; Pera, Rebecca; Dyussembayeva, Shynar; Mifsud, Matthieu; **Hollebeek, Linda Desiree** Journal of Business Research 2023 / art. 113584 <https://doi.org/10.1016/j.jbusres.2022.113584>

Enhanced photocatalytic activity of chemically deposited ZnO nanowires using doping and annealing strategies for water remediation

Gaffuri, Pierre; **Dedova, Tatjana**; Appert, Estelle; **Danilson, Mati**; **Oja Acik, Ilona** Applied surface science 2022 / art. 152323 <https://doi.org/10.1016/j.apsusc.2021.152323> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Environmental changes of the stadial/interstadial type during the Late Saalian (MIS-6) – Multi-proxy record at the Wola Starogrodzka site, central Poland

Kupryjanowicz, Mirosława; Filoc, Magdalena; Drzymulska, Danuta; **Poska, Anneli**; Suchora, Magdalena; Zarski, Marcin; Mroczek, Przemysław Paweł Palaeogeography, palaeoclimatology, palaeoecology 2021 / art. 110420, 14 p. : ill <https://www.sciencedirect.com/science/article/pii/S0031018221002054> <https://doi.org/10.1016/j.palaeo.2021.110420> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Environmental drivers and abrupt changes of phytoplankton community in temperate lake Lielais Svētīgu, Eastern Latvia, over the last Post-Glacial period from 14.5 kyr

Tönno, Ilmar; Talas, Liisi; Freiberg, Rene; Kisand, Anu; Belle, Simon; **Stivrinš, Normunds**; **Alliksaar, Tiit**; **Heinsalu, Atko**; **Veski, Siim**; Kisand, Veljo Quaternary science reviews 2021 / art. 107006 <https://doi.org/10.1016/j.quascirev.2021.107006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Environmental impact of water exchange blocking in a strait – a multidisciplinary study in the Baltic Sea

Liblik, Taavi; **Buschmann, Fred**; **Siht, Ergo**; **Kuprijanov, Ivan**; **Väli, Germo**; **Lipp, Maarja**; **Erm, Ants**; **Laanemets, Jaan**; Eschbaum, Redik; Verliin, Aare; Saks, Lauri; Zekker, Ivar Oceanologia 2023 / 17 p. : ill <https://doi.org/10.1016/j.oceano.2023.06.002>

Environmentally adaptive fish or no-fish classification for river video fish counters using high-performance desktop and embedded hardware

Soom, Jürgen; **Pattanaik, Vishwajeet**; **Leier, Mairo**; **Tuhtan, Jeffrey Andrew** Ecological Informatics 2022 / art. 101817, 14 p. : ill <https://doi.org/10.1016/j.ecoinf.2022.101817> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

EOS - Environment & Oil Spill Response. An analytic tool for environmental assessments to support oil spill response planning: Framework, principles, and proof-of-concept by an Arctic example

Wegeberg, S.; Fritt-Rasmussen, J.; Gustavson, K.; **Lilover, Madis-Jaak**; Boertmann, D.; Christensen, T.; Johansen, K. L.; Spelling-Clausen, D.; Riget, F.; Mosbech, A. Marine pollution bulletin 2024 / art. 115948 <https://doi.org/10.1016/j.marpolbul.2023.115948>

Erosion studies of the iron boride coatings for protection of tubing components in oil production, mineral processing and engineering applications

Medvedovski, Eugene; **Antonov, Maksim** Wear 2020 / art. 203277, 8 p. : ill <https://doi.org/10.1016/j.wear.2020.203277> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Erratum to "Physicochemical, textural, and sensorial properties of fibrous meat analogs from oat-pea protein blends extruded at different moistures, temperatures, and screw speeds" [Future Foods, 4 (2021) 100092]

Kaleda, Aleksei; Talvistu, Karel; **Vaikma, Helen**; **Tammik, Mari-Liis**; **Rosenvald, Sirli**; **Vilu, Raivo** Future foods 2022 / art. 100162 <https://doi.org/10.1016/j.fufo.2022.100162> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Error messages in relational database management systems : a comparison of effectiveness, usefulness, and user confidence

Taipalus, Toni; Grahn, Hilka; **Ghanbari, Hadi** Journal of systems and software 2021 / art. 111034, 15 p.: ill <https://doi.org/10.1016/j.jss.2021.111034> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Estimating the impact of indoor relative humidity on SARS-CoV-2 airborne transmission risk using a new modification of the Wells-Riley model

Aganovic, Amar; Bi, Yang; Cao, Guangyu; Drangsholt, Finn; **Kurnitski, Jarek**; Wargocki, Paweł Building and environment 2021 / art.

108278, 14 p. : ill <https://doi.org/10.1016/j.buildenv.2021.108278> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Estimation of transmission loss components from phasor measurements

Tuttelberg, Kaur; Kilter, Jako International journal of electrical power & energy systems 2018 / p. 62-71 : ill
<https://doi.org/10.1016/j.ijepes.2017.11.040> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Estonian case for mapping the needs and challenges for assessment of digital health technologies

Lubi, Kadi; Kruus, Liis; Kuldkepp, Kristiina; Tomson, Marju; Ross, Peeter; Ross, Tanel; Elland, Maarja-Liis Patient education and counseling 2023 / p. 118 <https://www.sciencedirect.com/science/article/pii/S0738399122007431> <https://doi.org/10.1016/j.pec.2022.10.271>

European aerosol phenomenology – 8 : harmonised source apportionment of organic aerosol using 22 year-long ACSM/AMS datasets

Chen, Gang; Canonaco, Francesco; Tobler, Anna; Aas, Wenche; Alastuey, Andres; Allan, James; Atabakhsh, Samira; Aurela, Minna; Baltensperger, Urs; **Keernik, Hannes** Environment international 2022 / 18 p. : ill <https://doi.org/10.1016/j.envint.2022.107325> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

European mining and the social license to operate

Lesser, Pamela; Gugerell, Katharina; Poelzer, Gregory; **Hitch, Michael William**; Tost, Michael The Extractive industries and society 2020 / art. 787, 8 p <https://doi.org/10.1016/j.exis.2020.07.021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

European roadmap for the En-ActivETICS advancement and potential of the PV/PCM unventilated wall system application

Heim, Dariusz; **Talvik, Martin**; Wieprzkowicz, Anna; **Ilomets, Simo**; Knera, Dominika; **Kalamees, Targo**; Czarny, Dariusz Energy and buildings 2023 / art. 113207 <https://doi.org/10.1016/j.enbuild.2023.113207>

Europe's mining innovation trends and their contribution to the sustainable development goals : Blind spots and strong points

Endl, Andreas; Tost, Michael; **Hitch, Michael William**; Moser, Peter; Feiel, Susanne Resources policy 2021 / art. 101440, 11 p. : tab <https://doi.org/10.1016/j.resourpol.2019.101440> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evaluating the human performance factors of air traffic control in Thailand using Fuzzy Multi Criteria Decision Making method

Pandey, Mukesh Mohan; **Shukla, Divya** Journal of air transport management 2019 / art. 101708, 9 p. : tab <https://doi.org/10.1016/j.jairtraman.2019.101708> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evaluating the potential of Estonia as European REE recycling capital via an environmental social governance risks assessment model

Paat, Andrus; Veetil, Sanoop Kumar Puthiya; Karu, Veiko; Hitch, Michael William The Extractive industries and society 2021 / art. 100767, 8 p <https://doi.org/10.1016/j.exis.2020.07.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evaluation of automated urine sediment analysis for routine use

Pikta, Marika; Jerjomina, J.; Kleinson, I.; Titova, T.; Reitsnik, T. Clinica chimica acta 2019 / art. M066, p. s44
<https://doi.org/10.1016/j.cca.2019.03.101>

Evaluation of deep learning-based depression detection using medical claims data

Bertl, Markus; Bignoumba, Nzamba; Ross, Peeter; Ben Yahia, Sadok; Draheim, Dirk Artificial intelligence in medicine 2024 / art. 102745, 16 p. : ill <https://doi.org/10.1016/j.artmed.2023.102745>

Evaluation of deep learning-based depression detection using medical claims data : preprint

Bertl, Markus; Bignoumba, Nzamba; Ross, Peeter; Ben Yahia, Sadok; Draheim, Dirk SSRN 2023 / p. 1-34 : ill
<https://doi.org/10.2139/ssrn.4478987>

Evaluation of enzyme-constrained genome-scale model through metabolic engineering of anaerobic co-production of 2,3-butanediol and glycerol by Saccharomyces cerevisiae

Sjöberg, Gustav; **Rekena, Alina**; Fornstad, Matilda; **Lahtvee, Petri-Jaan**; Van Maris, Antonius J. A. Metabolic engineering 2024 / p. 49-59 <https://doi.org/10.1016/j.ymben.2024.01.007>

Evaluation of Estonian phosphate rock by flotation

Yang, Xiaosheng; **Tamm, Kadriann; Piir, Indrek; Kuusik, Rein, keemik; Triikkel, Andres; Tõnsuaadu, Kaia** Minerals engineering 2021 / art. 107127, 10 p. : ill <https://doi.org/10.1016/j.mineng.2021.107127> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evaluation of zero-strength layer depths for timber members of floor assemblies with heat resistant cavity insulations

Tiso, Mattia; Just, Alar; Schmid, Joachim; **Mäger, Katrin Nele**; Klippel, Michael Fire safety journal 2019 / p. 137-148 : ill

Evaluation of the potential hazard of lanthanides to freshwater microcrustaceans

Blinova, Irina; Lukjanova, Aljona; **Muna, Marge**; Vija, Heiki; Kahru, Anne Science of the total environment 2018 / p. 1100-1107 : ill
<https://doi.org/10.1016/j.scitotenv.2018.06.155> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Even food on the battlefield needs to be armed: Sensory characteristics and physico-chemical analysis of long shelf-life breads

Vaikma, Helen; Leppik, Kärt; Kuldjäär, Rain EUROSENSE 2020: 9th European Conference on Sensory and Consumer Research 2020

Evolution of biochemical processes in coking wastewater treatment : a combined evaluation of material and energy efficiencies and secondary pollution

Qin, Zhi; Wei, Cong; Wei, Tuo; Li, Zemin; Pang, Zijun; Luo, Pei; Feng, Chunhua; Qiu, Guanglei; Wei, Chaohai; Wu, Haizhen; Peng, Yahuan; Jian, Chengfu; **Preis, Sergei** Science of the total environment 2022 / 13 p. : ill <https://doi.org/10.1016/j.scitotenv.2021.151072>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evolution of microstructure and hardness in aluminum processed by high pressure torsion extrusion

Omranpour Shahreza, Babak; Ivanisenko, Yulia; Kulagin, Roman; **Kommel, Lembit**; Sanchez, E. Garcia; Nugmanov, Dayan; Scherer, Torsten; Heczel, Anita; Gubicza, Jeno Materials Science and Engineering : A 2019 / art. 138074, 10 p. : ill
<https://doi.org/10.1016/j.msea.2019.138074> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An example of green surfactant systems based on inherently biodegradable IL-derived amphiphilic oximes

Pandya, Subhashree Jayesh; **Kapitanov, Illia**; **Usmani, Zeba**; Sahu, Reshma; Sinha, Deepak; **Gathergood, Nicholas**; Ghosh, Kallol K; **Karpichev, Yevgen** Journal of molecular liquids 2020 / art. 112857 <https://doi.org/10.1016/j.molliq.2020.112857> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Excitonic emission in heavily Ga-doped zinc oxide films grown on GaN

Shtepliuk, I.; Khranovskyy, D.; Gogova, D.; **Danilson, Mati**; **Krunks, Malle** Journal of luminescence 2020 / art. 117265, 10 p. : ill
<https://doi.org/10.1016/j.jlumin.2020.117265> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Exhaust air heat pump connection schemes and balanced heat recovery ventilation effect on district heat energy use and return temperature

Thalfeldt, Martin; Kurnitski, Jarek; Latšov, Eduard Applied thermal engineering 2018 / p. 402-414 : ill
<https://doi.org/10.1016/j.applthermaleng.2017.09.033> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Expanding the ontological horizons of rural resilience in the applied agricultural research policy : the case of the Czech Republic

Pelucha, Martin; Kourilova, Jana; **Kasabov, Edward**; Feurich, Marek Journal of rural studies 2021 / 10 p
<https://doi.org/10.1016/j.jrurstud.2021.01.030> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Experimental analysis of cross-laminated timber rib panels at normal temperature and in fire

Kleinhenz, Miriam; **Just, Alar**; Frangi, Andrea Engineering structures 2021 / art. 113091, 14 p. : ill
<https://doi.org/10.1016/j.engstruct.2021.113091> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Experimental analysis of emission efficiency of parallel and serial connected radiators in EN442 test chamber

Võsa, Karl-Villem; Ferrantelli, Andrea; Kull, Tuule Mall; Kurnitski, Jarek Applied thermal engineering 2018 / p. 531-544 : ill
<https://doi.org/10.1016/j.applthermaleng.2017.12.109> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Experimental and modeling studies of intermediate pyrolysis of wood in a laboratory-scale continuous feed retort reactor

Ochieng, Richard; **Ceron, Alejandro Lyons**; **Konist, Alar**; Sarker, Shilpu Bioresource technology reports 2023 / art. 101650
<https://doi.org/10.1016/j.biteb.2023.101650>

Experimental determination of radiator, underfloor and air heating emission losses due to stratification and operative temperature variations

Maivel, Mikk; Ferrantelli, Andrea; Kurnitski, Jarek Energy and buildings 2018 / p. 220-228 : ill
<https://doi.org/10.1016/j.enbuild.2018.01.061> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Experimental evaluation of IDA ICE and COMSOL models for an asymmetric borehole thermal energy storage field in Nordic climate

Xue, Tianchen; **Jokisalo, Juha; Kosonen, Risto**; Vuolle, Mika; Marongiu, Federica; Vallin, Sami; Leppäharju, Nina; Arola, Teppo Applied thermal engineering 2022 / art. 119261, 15 p. : ill <https://doi.org/10.1016/j.applthermaleng.2022.119261> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Experimental mechanics analysis of recycled polypropylene-cotton composites for commercial applications

Hussain, Abrar; Goljandin, Dmitri; Podgurski, Vitali; Abbas, Muhammad Mujtaba; **Krasnou, Illia** Advanced industrial and

Experimental, analytical, and numerical study of transient elastic waves from a localized source in an aluminium strip
Mračko, Michal; Adamek, Vítězslav; **Berezovski, Arkadi**; Kober, Jan; Kolman, Radek Applied acoustics 2021 / art. 107983
<https://doi.org/10.1016/j.apacoust.2021.107983> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Explainability-based trust algorithm for electricity price forecasting models

Heistrene, Leena; Machlev, Ram; Perl, Michael; **Belikov, Juri**; Baimel, Dmitry; Levy, Kfir; Mannor, Shie; Levron, Yoash Energy and AI 2023 / art 100259, 18 p <https://doi.org/10.1016/j.egyai.2023.100259>

Explainable Artificial Intelligence (XAI) techniques for energy and power systems: Review, challenges and opportunities

Machlev, Ram; Heistrene, L.; Perl, M.; Levy, K. Y.; **Belikov, Juri**; Mannor, S.; Levron, Yoash Energy and AI 2022 / art. 100169, 13 p. : ill <https://doi.org/10.1016/j.egyai.2022.100169> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Explaining the decisions of power quality disturbance classifiers using latent space features

Machlev, Ram; Perl, Michael; Caciularu, Avi; **Belikov, Juri**; Levy, Kfir Yehuda; Levron, Yoash International journal of electrical power & energy systems 2023 / art. 108949 <https://doi.org/10.1016/j.ijepes.2023.108949>

Exploring factors in a crossroad dataset using cluster-based association rule mining

Shahin, Mahtab; Heidari Iman, Mohammadreza; **Kaushik, Minakshi**; **Sharma, Rahul**; **Ghasempouri, Tara**; **Draheim, Dirk**
Procedia Computer Science : The 13th International Conference on Ambient Systems, Networks and Technologies (ANT) / The 5th International Conference on Emerging Data and Industry 4.0 (EDI40) 2022 / p. 231-238 <https://doi.org/10.1016/j.procs.2022.03.032>
[Conference Proceedings at Scopus](#) [Article at Scopus](#)

Exploring the protein content and odor-active compounds of black soldier fly larvae for future food applications

Huseynli, Lachinkhanim; Parviainen, Tuure; Kyllönen, Tiiu; Aisala, Heikki; **Vene, Kristel** Future foods 2023 / art. 100224
<https://doi.org/10.1016/j.fufo.2023.100224>

Exploring the spectrum of urban area key figures using data from Finland and proposing guidelines for delineation of urban areas

Vanhatalo, Jaana; **Partanen, Jenni Vilhelmiina** Land use policy 2022 / art. 105822, 12 p. : ill
<https://doi.org/10.1016/j.landusepol.2021.105822> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Exposure to indoor air contaminants in school buildings with and without reported indoor air quality problems

Voranan-Winqvist, Camilla; **Järvi, Kati**; Andersson, Maria A.; **Kurnitski, Jarek** Environment international 2020 / art. 105781, 14 p. : ill <https://doi.org/10.1016/j.envint.2020.105781> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Extended fractional singular Kalman filter

Nosrati, Komeil; **Belikov, Juri**; **Tepljakov, Aleksei**; **Petlenkov, Eduard** Applied mathematics and computation 2023 / art. 127950, 15 p. : ill <https://doi.org/10.1016/j.amc.2023.127950>

Extraction of bioactive compounds from Catharanthus roseus and Vinca minor

Koel, Mihkel; **Kuhtinskaja, Maria**; **Vaher, Merike** Separation and purification technology 2020 / art. 117438 ; 5 p. : ill
<https://doi.org/10.1016/j.seppur.2020.117438> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Extraction of bioactive compounds from Dipsacus fullonum leaves using deep eutectic solvents

Saar-Reismaa, Piret; **Koel, Mihkel**; **Tarto, Riin**; **Vaher, Merike** Journal of chromatography A 2022 / art. 463330
<https://doi.org/10.1016/j.chroma.2022.463330> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Face centered cubic titanium in high pressure torsion processed carbon nanotubes reinforced titanium composites

Li, F. X.; Chen, P.; Chen, Z.; **Prashanth, Konda Gokuldoss** Journal of alloys and compounds 2019 / p. 939-945 : ill
<https://doi.org/10.1016/j.jallcom.2019.07.277> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Factors influencing patient willingness to participate in shared decision making in oncology

Aasmäe, Birgit; **Lubi, Kadi** Patient education and counseling 2023 / p. 44
<https://www.sciencedirect.com/science/article/pii/S073839912200581X> <https://doi.org/10.1016/j.pec.2022.10.109>

Factors predicting toxicity and response following isolated limb infusion for melanoma: An international multi-centre study

Kenyon-Smith, Tim; Kroon, Hidde M.; Miura, John T.; **Teras, Jüri** European journal of surgical oncology 2020 / p. 2140-2146
<https://doi.org/10.1016/j.ejso.2020.06.040> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Failure analysis of a spray polyurethane foam roofing system

Kalamees, Targo; **Põldaru, Mattias**; **Ilomets, Simo**; **Klõšeiko, Paul**; **Kallavus, Urve**; **Rosenberg, Margit**; **Õiger, Karl** Journal of building engineering 2020 / art. 101752, 9 p. : ill <https://doi.org/10.1016/j.jobe.2020.101752> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Failure consequence evaluation of uncontrollable district heating network

Mao, Ding; Wang, Peng; **Ju, Yuchen**; Ni, Long Sustainable cities and society 2022 / art. 103593, 16 p. : ill

<https://doi.org/10.1016/j.scs.2021.103593> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fault-tolerant control allocation for a bio-inspired underactuated AUV in the presence of actuator failures : design and experiments

Remmas, Mohamed Walid; Chemori, Ahmed; **Kruusmaa, Maarja** Ocean engineering 2023 / art. 115327, 12 p. : ill

<https://doi.org/10.1016/j.oceaneng.2023.115327>

Feasibility of solar hybrid energy system at a conservation park: Technical, economic, environmental analysis

Sreenath, Sukumaran; Azmi, Azlin Mohd; Ismail, Zubir Ahmad Mohd Energy reports 2023 / p. 711-719

<https://doi.org/10.1016/j.egy.2022.11.065>

Feasibility study on distributed flow sensing with inertial sensors in aquaculture fish cages

Ristolainen, Asko; **Piho, Laura**; **Kruusmaa, Maarja** Aquacultural Engineering 2022 / art. 102271, 9 p. : ill

<https://doi.org/10.1016/j.aquaeng.2022.102271> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Features extraction of wind ramp events from a virtual wind park

Mishra, Sambeet; **Ören, Esin**; Bordin, Chiara; **Wen, Fushuan**; **Palu, Ivo** Energy reports 2020 / p. 237-249

<https://doi.org/10.1016/j.egy.2020.08.047> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ferritic chromium steel as binder metal for WC cemented carbides

Tarraste, Marek; **Kübarsepp, Jakob**; **Juhani, Kristjan**; **Mere, Arvo**; **Kolnes, Märt**; **Viljus, Mart**; **Maaten, Birgit** International journal of refractory metals and hard materials 2018 / p. 183-191 : ill

<https://doi.org/10.1016/j.jirmhm.2018.02.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

5th generation district heating and cooling (5GDHC) implementation potential in urban areas with existing district heating systems

Volkova, Anna; Pakere, Ieva; Murauskaite, Lina; Huang, Pei; **Lepiksaar, Kertu**; Zhang, Xinxing Energy reports 2022 / p. 10037-10047

<https://doi.org/10.1016/j.egy.2022.07.162> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Financial constraints on entrepreneurship in Estonia

Vensel, Vello; Wihlborg, Clas Financial sector reform and privatisation in transition economies 1997 / p. 33-65

Financial constraints on entrepreneurship in Estonia

Vensel, Vello; Wihlborg, Clas Financial sector reform and privatization in transition economies 1998 / p. 35-67

Finite determination of accessibility and singular points of nonlinear systems: an algebraic approach

Sarafrazi, Mohammad Amin; **Kotta, Ülle**; Bartosiewicz, Zbigniew Systems & control letters 2020 / art. 104600, p. 1-7

<https://doi.org/10.1016/j.sysconle.2019.104600> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Finite element based meta-modeling of ship-ice interaction at shoulder and midship areas for ship performance simulation

Li, Fang; **Kõrgesaar, Mihkel**; Kujala, Pentti; Goerlandt, Floris Marine structures 2020 / art. 102736

<https://doi.org/10.1016/j.marstruc.2020.102736> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fire tests on glued-laminated timber beams with specific local material properties

Fahrni, Reto; Klippel, Michael; **Just, Alar**; Ollinoc, A.; Frangi, Andrea Fire safety journal 2019 / p. 161-169 : ill

<https://doi.org/10.1016/j.firesaf.2017.11.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

First Eastern European experience of isolated limb infusion for in-transit metastatic melanoma confined to the limb: Is it still an effective treatment option in the modern era?

Teras, Jüri; Kroon, Hidde M.; Thompson, John F.; **Teras, Marina**; **Pata, Pille**; Mägi, Andrus; Teras, Roland Martin; **Rüütel**

Boudinot, Sirje European journal of surgical oncology 2020 / p. 272-276 <https://doi.org/10.1016/j.ejso.2019.10.039> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Food availability and temperature optima shaped functional composition of chironomid assemblages during the Late Glacial–Holocene transition in Northern Europe

Stivrinš, Normunds; Belle, Simon; Trasune, Liva; **Blaus, Ansis**; **Salonen, Sakari** Quaternary science reviews 2021 / art. 107083

<https://doi.org/10.1016/j.quascirev.2021.107083> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Forecasting annual electric power consumption using a random parameters model with heterogeneity in means and variances

Hamed, Mohammad M.; **Ali, Hesham**; Abdelal, Qasem Energy 2022 / art. 124510 <https://doi.org/10.1016/j.energy.2022.124510>

Formalizing CCS and π -calculus in Guarded Cubical Agda

Veltri, Niccolo; Vezzosi, Andrea Journal of logical and algebraic methods in programming 2023 / art. 100846
<https://doi.org/10.1016/j.jlamp.2022.100846>

Formation of fine Mg₂Si phase in Mg–Si alloy via solid-state sintering using high energy ball milling

Seth, Prem Prakash; **Singh, Neera;** Singh, Manoj; Prakash, Om; Kumar, Devendra Journal of alloys and compounds 2020 / art. 153205, 10 p. : ill <https://doi.org/10.1016/j.jallcom.2019.153205> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Formation of liquid phase during heating calcium dihydrophosphate and phosphate rocks

Pöldme, Meeme Thermochimica acta : an international journal concerned with all aspects of thermoanalytical and calorimetric methods and their application to experimental chemistry, physics, biology and engineering 1985 / p. 641-644
https://www.esther.ee/record=b2623717*est

Fracture and Damage to the Material accounting for Transportation Crash and Accident

Ridwan; **Putranto, Teguh;** Laksono, Fajar Budi; Prawobo, Aditya Rio Procedia Structural Integrity, vol. 27 2020 / p. 38-45
<https://doi.org/10.1016/j.prostr.2020.07.006> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Frequency stability of the Israeli power grid with high penetration of renewable sources and energy storage systems

Ben Yosef, Gefen; Navon, Aviad; Poliak, Olga; Etzion, Naomi; Gal, Nurit; **Belikov, Juri; Levron, Yoash** Energy reports 2021 / p. 6148–6161 : ill <https://doi.org/10.1016/j.egyr.2021.09.057> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Friction and wear of fiber reinforced polyimide composites

Zhao, Gai; Hussainova, Irina; Antonov, Maksim; Wang, Qihua; Wang, Tingmei; **Veinthal, Renno** 19th International Conference on Wear of Materials : Portland, Oregon, USA, 14-18 April 2013 : conference abstracts 2013 / [p. 92]

Friction welding of electron beam melted Ti-6Al-4V

Qin, P.T.; Damodaram, R.; Maity, Tapabrata; Zhang, W.W.; Yang, C.; Wang, Zhi; **Prashanth, Konda Gokuldoss** Materials Science and Engineering : A 2019 / art. 138045, 6 p. : ill <https://doi.org/10.1016/j.msea.2019.138045> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Friend or foe? Customer engagement's value-based effects on fellow customers and the firm

Clark, Moira K.; Lages, Cristiana R.; **Hollebeek, Linda Desiree** Journal of Business Research 2020 / p. 549-556
<https://doi.org/10.1016/j.jbusres.2020.03.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

From academic abilities to occupation : What drives stock market participation?

Vaarmets, Tarvo; Liivamägi, Kristjan; Talpsepp, Tõnn Emerging markets review 2019 / p. 83-100 : tab
<https://doi.org/10.1016/j.ememar.2019.04.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

From creative destruction to convivial innovation - A post-growth perspective

Robra, Ben; **Pazaitis, Alexandros; Giotitsas, Christos;** Pansera, Mario Technovation 2023 / art. 102760
<https://doi.org/10.1016/j.technovation.2023.102760>

From ecosystems to socio-economic benefits : a systematic review of coastal ecosystem services in the Baltic Sea

Heckwolf, Melanie J.; Peterson, Annelis; Jänes, Holger; Horne, Paula; Künne, Jana; Liversage, Kiran; Sajeva, Maurizio; Reusch, Thorsten B.H.; **Kotta, Jonne** The science of the total environment 2021 / art. 142565, 11 p. : ill
<https://doi.org/10.1016/j.scitotenv.2020.142565>

From private to public governance : The case for reconfiguring energy systems as a commons

Giotitsas, Christos; Nardelli, Pedro H.J.; **Kostakis, Vasileios;** Narayanan, Arun Energy research & social science 2020 / art. 101737 ; 7 p <https://doi.org/10.1016/j.erss.2020.101737> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Full field computing for elastic pulse dispersion in inhomogeneous bars

Berezovski, Arkadi; Kolman, Radek; Berezovski, Mihail; Gabriel, Dusan; Adámek, V. Composite structures 2018 / p. 388-394 : ill
<https://doi.org/10.1016/j.compstruct.2018.07.055> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Functional consequences of TCF4 missense substitutions associated with Pitt-Hopkins syndrome, mild intellectual disability, and schizophrenia

Sirp, Alex; Roots, Kaisa; Nurm, Kaja; Tuvikene, Jürgen; Sepp, Mari; Timmusk, Tõnis The journal of biological chemistry 2021 / art. 101381 <https://doi.org/10.1016/j.jbc.2021.101381> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Game on! How gamified loyalty programs boost customer engagement value

Hollebeek, Linda Desiree; Das, Kallol; Shukla, Yupal International journal of information management 2021 / art. 102308, 10 p. : ill
<https://doi.org/10.1016/j.ijinfomgt.2021.102308> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Gas price shocks, the current account, and the real exchange rate: an empirical analysis for the EU

Cuestas, Juan Carlos; Monfort, Mercedes; Ordóñez, Javier Finance Research Letters 2024 / art. 104840

<https://doi.org/10.1016/j.frl.2023.104840>

Gas-phase photocatalytic degradation of acetone and toluene, and their mixture in the presence of ozone in continuous multi-section reactor as possible air post-treatment for exhaust from pulsed corona discharge

Kask, Maarja; Bolobajev, Juri; Kritševskaja, Marina Chemical engineering journal 2020 / art. 125815, 9 p. : ill

<https://doi.org/10.1016/j.cej.2020.125815> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

GC and other methods for full and partial context coverage

Raun, Kristo; Torim, Ants; Ben Yahia, Sadok Procedia computer science 2021 / p. 746–755

<https://doi.org/10.1016/j.procs.2021.08.077> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Generative adversarial networks as a data augmentation tool for CNN-based Parkinson's disease diagnostics

Dzotsenidze, Erik; Valla, Elli; Nõmm, Sven; Medijainen, Kadri; Taba, Pille; Toomela, Aaro IFAC-Papers OnLine 2022 / p. 108-113

: ill <https://doi.org/10.1016/j.ifacol.2022.10.240> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Genus Sobemovirus

Truve, Erkki; Fargette, Denis Virus taxonomy : classification and nomenclature of viruses : ninth report of the International Committee on Taxonomy of Viruses 2012 / p. 1185-1189 : ill

A geochronological review of magmatism along the external margin of Columbia and in the Grenville-age orogens forming the core of Rodinia

Johansson, Ake; Bingen, Bernard; Huhma, Hannu; Waight, Tod; Vestergaard, Rikke; **Soesoo, Alvar**; Skridlaite, Grazina;

Krzeminska, Ewa; Shumlyanskyy, Leonid; Holland, Mark E. Precambrian research 2022 / art. 106463, p. 1-43 : ill

<https://doi.org/10.1016/j.precamres.2021.106463> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Geodesic equations for guided wave helical path separation for a pipe bend

Rasgado Moreno, Carlos Omar; Ratassepp, Madis Mechanical systems and signal processing 2023 / art. 110820

<https://doi.org/10.1016/j.ymssp.2023.110820>

Geoid modeling by the least squares modification of Hotine's and Stokes' formulae using non-gridded gravity data

Sakil, Fatima Feyza; Erol, Serdar; **Ellmann, Artu**; Erol, Bihter Computers & geosciences 2021 / art. 104909

<https://doi.org/10.1016/j.cageo.2021.104909> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Geoprocess of geospatial urban data in Tallinn, Estonia

Eslamirad, Nasim; De Luca, Francesco; Lylykangas, Kimmo Sakari; Ben Yahia, Sadok Data in brief 2023 / art. 109172, 13 p. :

ill <https://doi.org/10.1016/j.dib.2023.109172>

Ghost protocol – Snapchat as a method of surveillance

Matthews, Richard; **Lovell, Kieren Nicolas**; Sorell, Matthew Forensic Science International : Digital Investigation 2021 / art. 301112

<https://doi.org/10.1016/j.fsidi.2021.301112> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Global perspective of familial hypercholesterolaemia : a cross-sectional study from the EAS Familial Hypercholesterolaemia Studies Collaboration (FHSC)

Vallejo-Vaz, Antonio J.; Stevens, Christophe A. T.; Lyons, Alexander R. M.; Dharmayat, Kanika I.; Freiburger, Tomas; Hovingh, G.

Kees; Mata, Pedro; Raal, Frederick J.; Santos, Raul D.; **Viigimaa, Margus** The Lancet 2021 / p. 1713-1725

[https://doi.org/10.1016/S0140-6736\(21\)01122-3](https://doi.org/10.1016/S0140-6736(21)01122-3)

Gradient microstructure in tantalum formed under the wear track during dry sliding friction

Kommel, Lembit; Põdra, Priit; Mikli, Valdek; Omranpour Shahreza, Babak Wear 2021 / art. 203573, 7 p. : ill

<https://doi.org/10.1016/j.wear.2020.203573> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Grain refinement in laser manufactured Al-based composites with TiB₂ ceramic

Xi, Lixia; Guo, Shuang; Wang, Ruiqi; Ding, Kai; **Prashanth, Konda Gokuldoss** Journal of materials research and technology 2020 /

p. 2611–2622 <https://doi.org/10.1016/j.jmrt.2020.04.059> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Growth mechanism of pulse electrodeposited cadmium sulfide and zinc sulfide thin films with tartaric acid and glycerol as additives

Boosagulla, Divya; **Mandati, Sreekanth**; Allikayala, Ramachandraiah; Sarada, Bulusu V. Thin Solid Films 2021 / art. #139011

<https://doi.org/10.1016/j.tsf.2021.139011>

Halogen chemistry and hydrogen isotopes of apatite from the >3.7 Ga Isua supracrustal belt, SW Greenland

Wudarska, Alicja; Wiedenbeck, Michael; Slaby, Ewa; **Lepland, Aivo** Precambrian research 2018 / p. 153-164 : ill

Hazard evaluation of polystyrene nanoplastic with nine bioassays did not show particle-specific acute toxicity

Heinlaan, Margit; Kasemets, Kaja; Aruoja, Villem; Blinova, Irina; Bondarenko, Olesja; Lukjanova, Aljona; Khosrovyan, Alla; Kurvet, Imbi; Pullerits, Mirjam; Sihtmäe, Mariliis; **Vasiliev, Grigory**; Vija, Heiki; Kahru, Anne Science of the total environment 2020 / art. 136073, 7 p. : ill <https://doi.org/10.1016/j.scitotenv.2019.136073> Journal metrics at Scopus Article at Scopus Journal metrics at Scopus Article at WOS

Hazardous substances in the sediments and their pathways from potential sources in the eastern Gulf of Finland

Kuprijanov, Ivan; Väli, Germo; Sharov, Andrey; Berezina, Nadezhda; **Liblik, Taavi**; **Lips, Urmas**; Kolesova, Natalja; Maanio, Jaakko; Junttila, Ville; **Lips, Inga** Marine pollution bulletin 2021 / art. 112642, 19 p. : ill <https://doi.org/10.1016/j.marpolbul.2021.112642> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Health risk assessment of the European inhabitants exposed to contaminated ambient particulate matter by potentially toxic elements

Broomandi, P.; Rodriguez-Seijo, A.; **Janatian, Nasmine**; Fathian, A.; Tleuken, A.; Mohammadpour, K.; Galan-Madruga, D.; Jahanbakhshi, A.; Satyanaga, A.; Bagheri, M.; Morawska, L.; **Jong Ryeol Kim** Environmental pollution 2023 / art. 121232 <https://doi.org/10.1016/j.envpol.2023.121232>

Heating energy-saving potentials in HVAC system of swimming halls : a review

Yuan, Xiaolei; Chen, Zhisen; Liang, Yumin; Pan, Yiqun; **Jokisalo, Juha**; **Kosonen, Risto** Building and environment 2021 / art. 108189, 18 p. : ill <https://doi.org/10.1016/j.buildenv.2021.108189> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Helicobacters and cancer, not only gastric cancer?

Varon, Christine; Azzi-Martin, Lamia; **Khalid, Sadia**; **Spuul, Pirjo** Seminars in Cancer Biology 2022 / p. 1138-1154 <https://doi.org/10.1016/j.semcancer.2021.08.007> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Hierarchical microstructures and strengthening mechanisms of nano-TiC reinforced CoCrFeMnNi high-entropy alloy composites prepared by laser powder bed fusion

Chen, Hongyu; Kosiba, Konrad; Lu, Twen; Yao, Ning; Liu, Yang; Wang, Yonggang; **Prashanth, Konda Gokuldoss**; Suryanarayana, Challapalli Journal of Materials Science & Technology 2023 / p. 245-259 : ill <https://doi.org/10.1016/j.jmst.2022.06.053>

High precision parabolic quantum wells grown using pulsed analog alloy grading technique: Photoluminescence probing and fractional-dimensional space approach

Karaliunas, Mindaugas; Dudutiene, Evelina; Čerškus, Aurimas; Pagalys, Justas; Pūkiene, Simona; **Udal, Andres**; Butkute, Renata; Valušis, Gintaras Journal of luminescence 2021 / art. 118321, 9 p <https://doi.org/10.1016/j.jlumin.2021.118321> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

High pressure torsion induced lowering of Young's modulus in high strength TNZT alloy for bio-implant applications

Maity, Tapabrata; Balci, Özge; Gammer, C.; Ivanov, E.; Eckert, Jürgen; **Prashanth, Konda Gokuldoss** Journal of the mechanical behavior of biomedical materials 2020 / art. 103839, 10 p. : ill <https://doi.org/10.1016/j.jmbbm.2020.103839> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

High temperature corrosion and remaining lifetime assessment of ferritic steel 13CrMo4-4 tubes in a convective superheater of a CFB oil shale boiler

Dedov, Andrei; Klevtsov, Ivan; Lausmaa, Toomas; **Bojarinova, Tatjana** Corrosion science 2020 / art. 108311 <https://doi.org/10.1016/j.corsci.2019.108311> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Higher-order Haar wavelet method for vibration analysis of nanobeams

Majak, Jüri; Shvartsman, Boris; **Ratas, Mart**; Bassir, David; **Pohlak, Meelis**; **Karjust, Kristo**; **Eerme, Martin** Materials today communications 2020 / art. 101290, 6 p. : tab <https://doi.org/10.1016/j.mtcomm.2020.101290> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

High-level axioms for graphical linear algebra

Paixao, Joao; Rufino, Lucas; **Sobocinski, Pawel Maria** Science of computer programming 2022 / art. 102791 ; 26 p <https://doi.org/10.1016/j.scico.2022.102791> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Highly chemo- and regioselective synthesis and subsequent directional catalyst-free transformation of enantiopure bioxirane derivatives

Hu, Xiaoyun; Li, Kang; Guo, Jianxin; Wang, Cui; Ma, Ling; **Borovkov, Victor** Tetrahedron 2022 / art. 132763 <https://doi.org/10.1016/j.tet.2022.132763> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Highly sensitive conformational switching of ethane-bridged mono-zinc bis-porphyrin as an application tool for rapid monitoring of aqueous ammonia and acetone

Buccolieri, Alessandro; Manno, D.; Serrano, Aida; Santino, A.; **Hasan, Mohammed**; **Borovkov, Victor**; Giancane, Gabriele

Sensors and actuators B : chemical 2018 / p. 685-691 : ill <https://doi.org/10.1016/j.snb.2017.11.021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Highly textured zinc aluminate: Nd, Ce films over sapphire for NIR emitting applications

Rojas Hernandez, Rocio Estefanía; Rubio-Marcos, Fernando; Serrano, Aida; Roman-Sanchez, Sara; Fernandez, Jose Francisco; Hussainova, Irina *Ceramics international* 2023 <https://doi.org/10.1016/j.ceramint.2022.12.190>

High-strength fuel pellets made of flour milling and coal slack wastes

Tabakaev, Roman; Kahn, Victor; Dubinina, Yury; **Preis, Sergei** *Energy* 2022 / art. 123071 <https://doi.org/10.1016/j.energy.2021.123071> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A holistic risk-based maintenance methodology for transmission overhead lines using tower specific health indices and value of loss load

Manninen, Henri; Kilter, Jako; Landsberg, Mart *International journal of electrical power and energy systems* 2022 / art. 107767 ; 11 p. : ill <https://doi.org/10.1016/j.ijepes.2021.107767> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hospital wastewater treatment with pilot-scale pulsed corona discharge for removal of pharmaceutical residues

Ajo, Petri; **Preis, Sergei**; Vornamo, Timo; Mänttari, Mika; Kallioinen, Mari; Louhi-Kultanen, Marjatta *Journal of environmental chemical engineering* 2018 / p. 1569-1577 : ill <https://doi.org/10.1016/j.jece.2018.02.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Household solid waste combustion with wood increases particulate trace metal and lung deposited surface area emissions

Timonen, Hilkka; Mylläri, Fanni; Simonen, Pauli; Aurela, Minna; Maasikmets, Marek; Bloss, Matthew; **Kupri, Hanna-Li**; Vainumäe, Keio; Lepistö, T.; Salo, Laura *Journal of environmental management* 2021 / art. 112793, 10 p. : ill <https://doi.org/10.1016/j.jenvman.2021.112793> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

How can airborne transmission of COVID-19 indoors be minimised?

Morawska, Lidia; Tang, Julian W.; Bahnfleth, William; **Kurnitski, Jarek** *Environment international* 2020 / art. 105832, 7 p <https://doi.org/10.1016/j.envint.2020.105832> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

How does open government data driven co-creation occur? Six factors and a 'perfect storm'; insights from Chicago's food inspection forecasting model

McBride, Keegan David Braun; Aavik, Gerli; Toots, Maarja; Kalvet, Tarmo; Krimmer, Robert Johannes *Government information quarterly* 2019 / 10 p. : ill <https://doi.org/10.1016/j.giq.2018.11.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

How governments, universities, and companies contribute to renewable energy development? A municipal innovation policy perspective of the triple helix

Visintainer Lerman, Laura; **Gerstlberger, Wolfgang Dieter**; Ferreira Lima, Mateus; Frank, Alejandro G. *Energy research & social science* 2020 / art. 101854, 11 p. : ill <https://doi.org/10.1016/j.erss.2020.101854> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

How is sustainability perceived in the context of plant-based alternatives?

Vaikma, Helen; Kern, M.; Tvardik, N.; **Rosenvald, Sirli**; Dreyfuss, L.; Almlil, V.; Harwood, W.; McEwan, J.A. *Pangborn 2023: 15th Pangborn Sensory Science Symposium, Nantes, France, 20-24 August 2023* 2023 <https://www.pangbornsymposium.com/conference-programme.html>

How the EU Cohesion Policy targeted at R&D and innovation impacts the productivity, employment and exports of SMEs in Estonia

Ferraro, Simona; Männasoo, Kadri; Tasane, Helery *Evaluation and Program Planning* 2023 / art. 102221, 19 p. : ill, map <https://doi.org/10.1016/j.evalprogplan.2022.102221>

How to select and weight context dimensions conditions for context-aware recommendation?

Zammali, Saloua; **Ben Yahia, Sadok** *Expert Systems with Applications* 2021 / art. 115176 <https://doi.org/10.1016/j.eswa.2021.115176> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

How well are energy performance objectives being achieved in renovated apartment buildings in Estonia?

Hamburg, Anti; Kalamees, Targo *Energy and buildings* 2019 / p. 332-341 <https://doi.org/10.1016/j.enbuild.2019.07.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Human capital accumulation and private-public investment into higher education

Männasoo, Kadri *SSRN* 2023 / 9 p. : ill https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4609044

Hybrid metal-ceramic biomaterials fabricated through powder bed fusion and powder metallurgy for improved impact resistance of craniofacial implants

Rahmani Ahranjani, Ramin; Kamboj, Nikhil Kumar; Brojan, Miha; Antonov, Maksim; Prashanth, Konda Gokuldoss Materialia 2022 / art. 101465 <https://doi.org/10.1016/j.mtla.2022.101465> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A hybrid numerical model based on FNPT-NS for the estimation of long wave run-up

Manoj Kumar, G.; Sriram, Venkatachalam; **Didenkulova, Irina** Ocean engineering 2020 / art. 107181

<https://doi.org/10.1016/j.oceaneng.2020.107181> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hybrid thermal model of a synchronous reluctance machine

Shams Ghahfarokhi, Payam; Kallaste, Ants; Belahcen, Anouar; Vaimann, Toomas; Rassõlkin, Anton Case studies in thermal engineering 2018 / p. 381-389 : ill <https://doi.org/10.1016/j.csite.2018.05.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hydraulic characterization of Diesel, B50 and B100 using momentum flux

Atique, Muhammad Numan; Imran, S.; Razzaq, Luqman; Mujtaba, M. A.; Nawaz, Saad; Kalam, M. A.; Soudagar, Manzoore Elahi M.; **Hussain, Abrar**; Veza, Ibham; Arshad, Attique Alexandria engineering journal 2021 / p. 4371-4388 : ill

<https://doi.org/10.1016/j.aej.2021.09.064> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hydrodynamic study of heeled double-stepped planing hulls using CFD and 2D+T method

Bilandi, Rasul Niazmand; **Dashtimanesh, Abbas**; Tavakoli, Sasan Ocean engineering 2020 / art. 106813 ; 21 p. : ill

<https://doi.org/10.1016/j.oceaneng.2019.106813> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Identifying relationships between personal social networks and spatial mobility : A study using smartphone tracing and related surveys

Puura, Anniki; Silm, Siiri; **Masso, Anu** Social networks 2022 / p. 306-317 <https://doi.org/10.1016/j.socnet.2021.08.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ignored, silenced, caricatured, ridiculed, patronised, and hijacked: What next for a post-populist, post-Gilded-Age countryside?

Kasabov, Edward Journal of rural studies 2020 / p. 143-151 <https://doi.org/10.1016/j.jrurstud.2020.01.019> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Immune response to a conserved enteroviral epitope of the major capsid VP1 protein is associated with lower risk of cardiovascular disease

Pupina, Nadežda; **Avarlaid, Annela; Sadam, Helle**; Pihlak, Arno; **Jaago, Mariliis**; Tuvikene, Jürgen; **Rähni, Annika**; Planken, Anu; Planken, Margus; Kalso, Eija; Tienari, Pentti J.; Nieminen, Janne K.; Seppänen, Mikko R.J.; Vaheri, Antti; Lindholm, Dan; Sinisalo, Juha; Pussinen, Pirkko; **Timmusk, Tõnis**; **Palm, Kaia** eBioMedicine 2022 / art. 103835, 14 p. : ill

<https://doi.org/10.1016/j.ebiom.2022.103835> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Impact of built-in moisture on the design of hygrothermally safe cross-laminated timber external walls : a stochastic approach

Kukk, Villu; Kers, Jaan; Kalamees, Targo; Wang, Lin; **Ge, Hua** Building and environment 2022 / art. 109736

<https://doi.org/10.1016/j.buildenv.2022.109736> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Impact of Li and K co-doping on the optoelectronic properties of CZTS monograin powder

Muska, Katri; Timmo, Kristi; Pilvet, Maris; Kaupmees, Reelika; Raadik, Taavi; Mikli, Valdek; Grossberg-Kuusk, Maarja; Krustok, Jüri; Josepson, Raavo; Lange, Sven; **Kauk-Kuusik, Marit** Solar energy materials and solar cells 2023 / art. 112182 : ill

<https://doi.org/10.1016/j.solmat.2023.112182>

The impact of microstructural refinement on the tribological behavior of niobium processed by Indirect Extrusion Angular Pressing

Omranpour Shahreza, Babak; Hernandez-Rodriguez, Marco A. L.; Hernandez-Rodriguez, Edgar; **Kommel, Lembit; Sergejev, Fjodor** Tribology international 2022 / art. 107412 <https://doi.org/10.1016/j.triboint.2021.107412> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Impact of nutraceuticals on markers of systemic inflammation : potential relevance to cardiovascular diseases - A position paper from the International Lipid Expert Panel (ILEP)

Ruscica, Massimiliano; Penson, Peter E.; Ferri, Nicola; Sirtori, Cesare R.; Pirro, Matteo; **Viigimaa, Margus** Progress in Cardiovascular Diseases 2021 / p. 40-52 <https://doi.org/10.1016/j.pcad.2021.06.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Impact of pulsed deuterium plasma irradiation on dual-phase tungsten alloys

Tökke, Siim; Laas, Tõnu; **Primets, Jaanis; Mikli, Valdek; Antonov, Maksim** Fusion engineering and design 2021 / art. 112215, 10 p. : ill <https://doi.org/10.1016/j.fusengdes.2020.112215> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Impact of short-term heat treatment on the structure and functional properties of commercial furcellaran compared to commercial carrageenans

Eha, Kairit; Pehk, Tõnis; Heinmaa, Ivo; Kaleda, Aleksei; **Laos, Katrin** Heliyon 2021 / art. e06640

<https://doi.org/10.1016/j.heliyon.2021.e06640> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The impact of the technical requirements of the renovation grant on the ventilation and indoor air quality in apartment buildings

Mikola, Alo; **Hamburg, Anti**; **Kuusk, Kalle**; **Kalamees, Targo**; **Voll, Hendrik**; **Kurnitski, Jarek** Building and environment 2022 /

art. 108698 <https://doi.org/10.1016/j.buildenv.2021.108698> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The impact of type of dietary protein, animal versus vegetable, in modifying cardiometabolic risk factors: A position paper from the International Lipid Expert Panel (ILEP)

Zhubi-Bakija, Fjolla; Bajraktari, Gani; Bytyçi, Ibadete; Mikhailidis, Dimitri P.; Henein, Michael Y.; Latkovskis, Gustavs; **Viigimaa, Margus** Clinical nutrition 2021 / p. 255-276

<https://doi.org/10.1016/j.clnu.2020.05.017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Implementation of alternative ristocetin reagent on impedance aggregometry analyzer

Pikta, Marika; Zolotarev, V.; Banyas, Valdas Clinica chimica acta 2019 / p. S63-S64 <https://doi.org/10.1016/j.cca.2019.03.141>

Implementation of networked enterprises reference model - lessons learned

Kangilaski, Taivo Information control problems in manufacturing. Volume 14, Part 1 2012 / p. 1240-1245

Implementing greening into design in analytical chemistry

Jurjeva, Jelena; **Koel, Mihkel** Talanta open 2022 / art. 100136, 7 p <https://doi.org/10.1016/j.talo.2022.100136> [Journal metrics at Scopus](#)

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

Implications of digitalization in facilitating socio-technical energy transitions in Europe

Veskioja, Kaija; **Soe, Ralf-Martin** Energy research & social science 2022 / art. 102720 <https://doi.org/10.1016/j.erss.2022.102720>

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

Importance of the micro-lattice structure of selective laser melting processed Mo/Mo(x)S(x+1) composite: Corrosion studies on the electrochemical performance in aqueous solutions

Alinejadian, Navid; Kazemi, Sayed Habib; **Grossberg-Kuusk, Maarja**; **Kollo, Lauri**; Odnevall, Inger Charlotta; **Prashanth, Konda**

Gokuldoss Materials today chemistry 2022 / art. 101219 <https://doi.org/10.1016/j.mtchem.2022.101219> [Journal metrics at Scopus](#)

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

Important environmental social governance risks in potential phosphorite mining in Estonia

Paat, Andrus; Roosalu, Triin; **Karu, Veiko**; **Hitch, Michael William** The Extractive Industries and Society 2021 / art. 100911

<https://doi.org/10.1016/j.exis.2021.100911> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Improved amorphous silicon passivation layer for heterojunction solar cells with post-deposition plasma treatment

Neumüller, Alex; Sergeev, Oleg; Heise, Stephan J.; **Bereznev, Sergei**; **Volobujeva, Olga** Nano energy 2018 / p. 228-235 : ill

<https://doi.org/10.1016/j.nanoen.2017.11.053> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Improving CHP flexibility by integrating thermal energy storage and power-to-heat technologies into the energy system

Lepiksaar, Kertu; Mašatin, Vladislav; **Latšov, Eduard**; **Siirde, Andres**; **Volkova, Anna** Smart energy 2021 / art. 100022

<https://doi.org/10.1016/j.segy.2021.100022>

In situ coastal observations of wave homogeneity and coherence

Christakos, Konstantinos; Gao, Zhen; Furevik, Birgitte R.; **Björkqvist, Jan-Victor**; Aarnes, Ole Johan Applied ocean research 2022 /

art. 103390 <https://doi.org/10.1016/j.apor.2022.103390> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

In situ fabrication of TiC-NiCr cermets by selective laser melting

Aramian, Atefeh; Sadeghian, Zohreh; **Prashanth, Konda Gokuldoss**; Berto, Filippo International journal of refractory metals and

hard materials 2020 / art. 105171, 8 p. : ill <https://doi.org/10.1016/j.ijrmhm.2019.105171> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

Increase of life extension compressor blades of the turbo-jet by electroupsetting

Kommel, Lembit; Teterin, G.; **Traksmäa, Rainer** Advances in mechanical behaviour, plasticity and damage : proceedings of EUROMAT 2000. Volume 2 2000 / p. 1143-1148 : ill

https://www.researchgate.net/publication/321711508_Increase_of_life_extension_compressor_blades_of_the_turbo-jet_by_electro_upsetting_In_Advances_in_Mechanical_Behaviour_Plasticity_and_Damage_Proc_of_the_EUROMAT_2000_vol_2_Tours_France_07-09

Indicative value and training set of freshwater organic-walled algal palynomorphs (non-pollen palynomorphs)

Stivriņš, Normunds; Trasune, Līva; Jasiūnas, Nauris; Kalnina, Laimdota; Briede, Agriņa; Maksims, Aleksis; Steinberga, Dace; Jeskins, Jurijs; Rendenieks, Zigmars; **Veski, Siim** Quaternary science reviews 2022 / art. 107450, 19 p. : ill

<https://doi.org/10.1016/j.quascirev.2022.107450> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Indicators for resource recovery monitoring within the circular economy model implementation in the wastewater sector

Preisner, Michał; Smol, Marzena; **Roosalu, Kati** Journal of Environmental Management 2022 / art. 114261

<https://doi.org/10.1016/j.jenvman.2021.114261> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Individual differences in sensitivity to bitterness focusing on oat and pea preparations

Vaikma, Helen; Metsoja, Grete; Bljadhina, Anastassia; Rosenvald, Sirli Future foods 2022 / art. 100206

<https://doi.org/10.1016/j.fufo.2022.100206> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Industrial robot training in the simulation using the machine learning agent

Nutonen, Karle; Kuts, Vladimir; Otto, Tauno Procedia computer science 2023 / p. 446-455

<https://doi.org/10.1016/j.procs.2022.12.240> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Influence of number of layers on embedment strength of dowel-type connections for glulam and cross-laminated timber

Tuhkanen, Eero; Mölder, Joosep; Schickhofer, Gerhard Engineering structures 2018 / p. 361-368 : ill

<https://doi.org/10.1016/j.engstruct.2018.09.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The influence of organic solvents on phenylethylamines in capillary zone electrophoresis

Bolkvadze, Vyacheslav; Bondar, Denys; Vaher, Merike; Halling, Evelin; Gorbats'ova, Jelena; Mazina-Šinkar, Jekaterina

Journal of chromatography A 2022 / art. 463169, 9 p. : ill <https://doi.org/10.1016/j.chroma.2022.463169> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of severe straining and strain rate on the evolution of dislocation structures during micro-/nanoindentation in high entropy lamellar eutectics

Maity, Tapabrata; Prashanth, Konda Gokuldoss; Balci, Özge International journal of plasticity 2018 / p. 121-136 : ill

<https://doi.org/10.1016/j.ijplas.2018.05.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of solution composition on sprayed ZnO nanorods properties and formation process: Thermoanalytical study of the precursors

Dedova, Tatjana; Oja Acik, Ilona; Polivtseva, Svetlana; Krunks, Malle; Gromōko, Inga; Tõnsuaadu, Kaia; Mere, Arvo

Ceramics international 2019 / p. 2887-2892 : ill <https://doi.org/10.1016/j.ceramint.2018.07.274> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of substructures on the selective laser melted Ti-6Al-4V alloy as a function of laser re-melting

Karimi, Javad; Xie, Meishen; Wang, Zhi; Prashanth, Konda Gokuldoss Journal of manufacturing processes 2021 / p. 1387-1394

<https://doi.org/10.1016/j.jmapro.2021.06.059> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Information systems

2010

Insights into the REY inventory of seep carbonates from the Northern Norwegian margin using geochemical screening

Schier, Katharina; Himmler, Tobias; Lepland, Aivo; Kraemer, Dennis; Schoenenberger, Jasmin; Bau, Michael Chemical geology

2021 / art. 119857, 15 p. : ill <https://doi.org/10.1016/j.chemgeo.2020.119857> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

In-situ characterization of the polypyrrole films by QCM and CER techniques

Sõritski, Vitali; Öpik, Andres; Talo, A.; Forsen, Olof International Conference on Science and Technology of Synthetic Metals : 15th

to 21st of July 2000, Gastein, Austria : book of abstracts 2000 / p. 122-WedA121 <https://research.aalto.fi/publications/in-situ-characterization-of-the-polypyrrole-films-by-qcm-and-cer->

An integrated approach to subtractive solar envelopes based on attribute information from point cloud data

Alkadri, Miktha Farid; De Luca, Francesco; Turrin, Michel; Sariyildiz, Sevil Renewable and sustainable energy reviews 2020 / art.

109742, 19 p. : ill <https://doi.org/10.1016/j.rser.2020.109742> <http://resolver.tudelft.nl/uuid:be100809-acfd-4489-8e26-7a35731d514b> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An integrated computational method for calculating dynamic thermal bridges of building facades in tropical countries

Cahyadi Agung, Muhammad Rafif; Alkadri, Miktha Farid; De Luca, Francesco Frontiers of architectural research 2024 / p. 201-218 :

ill <https://doi.org/10.1016/j.foar.2023.11.003>

Intelligent resource management in mobile edge computing for IIoT applications

2020 <https://www.sciencedirect.com/journal/computer-communications/special-issue/10TQNXCF0J>

Interaction between point defects in the Si-SiO₂ system during the process of its formation

Kropman, Daniel; Kämer, T.; Samoson, Ago; Heidmaa, I.; Ugaste, Ülo; **Melikov, Enn** Defect and Diffusion Forum 2001 / p. 1737-1744

Interfacial structure and wear properties of selective laser melted Ti/(TiC+TiN) composites with high content of reinforcements

Xi, Lixia; Ding, Kai; Gu, Dongdong; Guo, Shuang; Cao, Mengzhen; Zhuang, Jie; Lin, Kaijie; Okulov, Ilya; Sarac, Baran; Eckert, Jürgen; **Prashanth, Konda Gokuldoss** Journal of alloys and compounds 2021 / art. 159436, 9 p.: ill

<https://doi.org/10.1016/j.jallcom.2021.159436> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Internal solitary waves control offshore extension of mud depocenters on the NW Iberian shelf

Zhang, Wenyan; **Didenkulova, Irina**; Kurkina, Oxana Marine geology 2019 / p. 15-30 : ill <https://doi.org/10.1016/j.margeo.2018.12.008> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Inverse-model intelligent control of fin-actuated underwater robots based on drag force propulsion

Remmas, Mohamed Walid; Chemori, Ahmed; **Kruusmaa, Maarja** Ocean Engineering 2021 / art. 109883, 19 p. : ill

<https://doi.org/10.1016/j.oceaneng.2021.109883> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Investigating the progression of insulation degradation in power cable based on partial discharge measurements

Hassan, Waqar; **Shafiq, Muhammad**; Hussain, Ghulam Amjad; **Choudhary, Maninder**; **Palu, Ivo** Electric power systems research 2023 / art. 109452 <https://doi.org/10.1016/j.epsr.2023.109452>

Investigation of dynamic mechanical properties of Estonian clay Arumetsa during firing

Štubna, Igor; Hulan, Tomaš; **Kaljuvee, Tiit**; Vozár, Libor Applied clay science 2018 / p. 23-28 : ill

<https://doi.org/10.1016/j.clay.2017.11.038> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Investigation of fouling and corrosion of low-temperature reheater in a CFBC boiler

Konist, Alar Fuel 2023 / art. 127373, 8 p. : ill <https://doi.org/10.1016/j.fuel.2022.127373>

Investigation of the causes behind the vibrations of a high-speed solid-rotor induction motor

Sathyan, Sabin; **Belahcen, Anouar**; Lehtikoinen, Antti; Aydin, Ugur; Boxberg, Fredrik Journal of sound and vibration 2019 / art. 114976, 14 p <https://doi.org/10.1016/j.jsv.2019.114976> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Investigation of the tribological behavior of the additively manufactured TiC-based cermets by scratch testing

Maurya, Himanshu Singh; Jayaraj, Jayamani; Wang, Z.; **Juhani, Kristjan**; **Sergejev, Fjodor**; **Prashanth, Konda Gokuldoss** Journal of alloys and compounds 2023 / art. 170496, 9 p. : ill <https://doi.org/10.1016/j.jallcom.2023.170496>

Ionic liquid based pretreatment of lignocellulosic biomass for enhanced bioconversion

Usmani, Zeba; Sharma, Minaxi; Gupta, Pratishtha; **Karpichev, Yevgen**; **Gathergood, Nicholas**; Bhat, Rajeev; **Gupta, Vijai Kumar** Bioresource technology 2020 / art. 123003, 13 p <https://doi.org/10.1016/j.biortech.2020.123003> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Ionic substituted hydroxyapatite for bone regeneration applications : a review

Ressler, Antonia; Žužic, Andreja; Ivanišević, Irena; **Kamboj, Nikhil Kumar**; Ivankovic, Hrvoje Open Ceramics 2021 / art. 100122 <https://doi.org/10.1016/j.oceram.2021.100122> Journal metrics at Scopus Article at Scopus Article at WOS

Iron and cobalt containing electrospun carbon nanofibre-based cathode catalysts for anion exchange membrane fuel cell

Sokka, Andri; Mooste, Marek; Käär, Maik; **Gudkova, Viktoria**; Kozlova, Jekaterina; Kikas, Arvo; Kisand, Vambola; Treshchalov, Alexey; Tamm, Aile; Paiste, Päärn; Aruväli, Jaan; Leis, Jaan; **Krumme, Andres**; Holdcroft, Steven; Cavaliere, Sara; Jaouen, Frederic; Tammeveski, Kaido International Journal of Hydrogen Energy 2021 / p. 31275-31287

<https://doi.org/10.1016/j.ijhydene.2021.07.025> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Is information and communication technology satisfying educational needs at school?

Ferraro, Simona Computers & Education 2018 / p. 194-204 : ill <https://doi.org/10.1016/j.compedu.2018.04.002> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Journal of logical and algebraic methods in programming. Vol. 85, iss. 6, NWPT 2013

2016

Kesterite monograins for solar cells and water splitting applications

Oueslati, Souhaib; Pilvet, Maris; Grossberg, Maarja; **Kauk-Kuusik, Marit**; **Krustok, Jüri**; **Meissner, Dieter** Thin solid films 2021 / art. 138981 <https://doi.org/10.1016/j.tsf.2021.138981> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The key challenges of blockchain implementation in maritime sector: summary from literature and previous research

findings

Tsiulin, Sergey; Reinau, Kristian Hegner; **Hilmola, Olli-Pekka Kristian** Procedia computer science 2023 / p. 348-357
<https://doi.org/10.1016/j.procs.2022.12.230> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

KronoDroid : time-based hybrid-featured dataset for effective android malware detection and characterization

Guerra Manzanares, Alejandro; **Bahsi, Hayretidin; Nömm, Sven** Computers & Security 2021 / art. 102399, 32 p
<https://doi.org/10.1016/j.cose.2021.102399> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Laboratory and pilot plant scale study on the removal of radium, manganese and iron from drinking water using hydrous manganese oxide slurry

Bolobajev, Juri; Leier, Maria; Vaasma, Taavi; Nilb, Nele; Salupere, Siiri Journal of environmental chemical engineering 2022 / art. 108942 <https://doi.org/10.1016/j.jece.2022.108942> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Land use change : a key ecological disturbance declines soil microbial biomass in dry tropical uplands

Tiwari, Shashank; Singh, Chhatrapal; Boudh, Siddharth; Rai, Pradeep Kumar; **Gupta, Vijai Kumar**; Singh, Jay Shankar Journal of environmental management 2019 / 10 p. : ill <https://doi.org/10.1016/j.jenvman.2019.04.052> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Large area bar coated TiO2 electron transport layers for perovskite solar cells with excellent performance homogeneity

Mandati, Sreekanth; Dileep, K. Reshma; Veerappan, Ganapathy; Ramasamy, Easwaramoorthi Solar Energy 2022 / p. 258-268
<https://doi.org/10.1016/j.solener.2022.04.060>

Large-scale heat pumps for district heating systems in the Baltics : potential and impact

Volkova, Anna; Koduvere, Hardi; Pieper, Henrik Renewable and sustainable energy reviews 2022 / art. 112749
<https://doi.org/10.1016/j.rser.2022.112749> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Laser additive manufacturing of nano-TiC particles reinforced CoCrFeMnNi high-entropy alloy matrix composites with high strength and ductility

Chen, Hongyi; Lu, Twen; **Prashanth, Konda Gokuldoss**; Kosiba, Konrad Materials Science and Engineering : A 2022 / art. 142512
<https://doi.org/10.1016/j.msea.2021.142512> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Laser powder-bed fusion of Mo(Si,Al)2 – based composite for elevated temperature applications

Minasyan, Tatevik; Ivanov, Roman; Toyserkani, Ehsan; **Hussainova, Irina** Journal of alloys and compounds 2021 / art. 161034
<https://doi.org/10.1016/j.jallcom.2021.161034> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Late diagenetic evolution of Ordovician limestones in the Baltoscandian basin revealed through trace-element mapping and in situ U–Pb dating of calcite

Hagen-Peter, Graham; Wang, Yue; **Hints, Olle**; Prave, Anthony R.; **Lepland, Aivo** Chemical geology 2021 / art. 120563
<https://doi.org/10.1016/j.chemgeo.2021.120563> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Late Pleistocene iceberg scouring in the north-eastern Baltic Sea, west of Estonia

Karpin, Vladimir; **Heinsalu, Atko**; Virtasalo, Joonas J. Marine geology 2021 / art. 106537, 11 p. : ill, map
<https://doi.org/10.1016/j.margeo.2021.106537> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Layered structure of alumina/graphene-augmented-inorganic-nanofibers with directional electrical conductivity

Saffarshamshirgar, Ali; Rojas Hernandez, Rocio Estefania; Mikli, Valdek; Karppinen, Maarit; **Hussainova, Irina** Carbon 2020 / p. 634-645 <https://doi.org/10.1016/j.carbon.2020.06.038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A legal framework for digital transformation

Ahmed, Rozha Kamal; Muhammed, Khder Hassan; **Lips, Silvia**; Nyman-Metcalf, Katrin Merike; Pappel, Ingrid; Draheim, Dirk SSRN 2022 / 20 p <https://doi.org/10.2139/ssrn.4182028>

Leptin increases hepatic triglyceride export via a vagal mechanism in humans

Metz, Matthäus; Beghini, Marianna; Wolf, Peter; Pfleger, Lorenz; Hackl, Martina; Bastian, Magdalena; Freudenthaler, Angelika; Harreiter, Jürgen; **Risti, Robert**; **Löökene, Aivar** Cell Metabolism 2022 / p. 1719-1731 <https://doi.org/10.1016/j.cmet.2022.09.020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lessons learned from a multi-national project on developing a platform for the silver economy

Butt, Sidra Azmat; Kangilaski, Taivo; Draheim, Dirk Procedia computer science 2023

Light at the end of the tunnel : Visitors' virtual reality (versus in-person) attraction site tour-related behavioral intentions during and post-COVID-19

Itani, Omar S.; **Hollebeek, Linda Desiree** Tourism Management 2021 / art. 104290 <https://doi.org/10.1016/j.tourman.2021.104290> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Light-induced strain and its correlation with the optical absorption at charged domain walls in polycrystalline ferroelectrics

Rubio-Marcos, Fernando; Pamies, Paula; Del Campo, Adolfo; Tiana, Jordi; Ordonez-Pimentel, Jonathan; Venet, Michel; **Rojas Hernandez, Rocio Estefania**; Ochoa, Diego A.; Fernandez, Jose F.; Garcia, Jose E. Applied materials today 2023 / art. 101838 <https://doi.org/10.1016/j.apmt.2023.101838>

Lightweight 3D printed Ti6Al4V-AlSi10Mg hybrid composite for impact resistance and armor piercing shielding

Rahmani Ahranjani, Ramin; Antonov, Maksim; Brojan, Miha Journal of materials research and technology 2020 / p. 13842-13854 : ill <https://doi.org/10.1016/j.jmrt.2020.09.108> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lignocellulosic biorefineries : the current state of challenges and strategies for efficient commercialization

Usmani, Zeba; Sharma, Minaxi; Awasthi, Abhishek Kumar; **Lukk, Tiit**; Tuohy, Maria G.; Gong, Liang; Nguyen-Tri, Phuong; Goddard, Alan D.; Bill, Roslyn M.; Nayak, S. Chandra; Gupta, Vijai Kumar Renewable and sustainable energy reviews 2021 / art. 111258, 14 p. : ill <https://doi.org/10.1016/j.rser.2021.111258> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Long-term mineral transformation of Ca-rich oil shale ash waste

Leben, Kristijan; Mötlep, Riho; Paaver, Peeter; **Konist, Alar; Pihu, Tõnu** Science of the total environment 2019 / p. 1404-1415 : ill <https://doi.org/10.1016/j.scitotenv.2018.12.326> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Low carbon emission renovation of historical residential buildings

Kertsmik, Kadri-Ann; Arumägi, Endrik; Hallik, Jaanus; Kalamees, Targo Energy reports 2024 / p. 3836-3847 <https://doi.org/10.1016/j.egyrs.2024.03.030>

Low processing temperatures explored in Sb2S3 solar cells by close-spaced sublimation and analysis of bulk and interface related defects

Krautmann, Robert; Spalatu, Nicolae; Josepson, Raavo; Nedzinskas, Ramunas; Kondrotas, Rokas; Gržibovskis, R.; Vembris, Aivars; **Krunks, Malle; Oja Acik, Ilona** Solar energy materials and solar cells 2023 / art. 112139, 9 p. : ill <https://doi.org/10.1016/j.solmat.2022.112139>

Low-temperature oxidation of polyethylene

Piiroja, Eduard; Lippmaa, Helle; Metlitskaja, Olga; Dankovics, A. European polymer journal 1980 / p. 641-645 <https://www.sciencedirect.com/science/article/abs/pii/0014305780901032?via%3Dihub>

Low-temperature waste heat enabling abandoning coal in Espoo district heating system

Hiltunen, Pauli; Syri, Sanna Energy 2021 / art. 120916, 11 p. : ill <https://doi.org/10.1016/j.energy.2021.120916> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Machine learning assisted design of high-entropy alloys with ultra-high microhardness and unexpected low density

Zhao, Shunli; Jiang, Bin; Song, Kaikai; Liu, Xiaoming; Wang, Wenyu; Si, Dekun; Zhang, Jilei; Chen, Xiangyan; Zhou, Changshan; Liu, Pingping; Chen, Dong; Zhang, Zequn; Ramasamy, Parthiban; Tang, Junlei; Lv, Wenquan; **Prashanth, Konda Gokuldoss**; Sopa, Daniel; Eckert, Jurgen Materials & design 2024 / art. 112634 <https://doi.org/10.1016/j.matdes.2024.112634>

Machine learning enabled identification of sheet metal localization

Yatkin, Muhammed Adil; Kõrgesaar, Mihkel International journal of solids and structures 2024 / art. 112592 <https://doi.org/10.1016/j.ijsolstr.2023.112592>

A machine learning-based forensic tool for image classification - a design science approach

Del Mar-Raave, Joanna Rose; Bahsi, Hayrettdin; Mrsic, Leo; Hausknecht, Kresimir Forensic Science International : Digital Investigation 2021 / art. 301265, 13 p <https://doi.org/10.1016/j.fsidi.2021.301265> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Macroporous silicon-wollastonite scaffold with Sr/Se/Zn/Mg-substituted hydroxyapatite/chitosan hydrogel

Ressler, Antonia; **Kamboj, Nikhil Kumar**; Ledinski, Maja; Rogina, Anamarija; Urlic, Inga; **Hussainova, Irina**; Ivankovic, Hrvoje; Ivankovic, Marica Open Ceramics 2022 / art. 100306 <https://doi.org/10.1016/j.oceram.2022.100306> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Management of national eID infrastructure as a state-critical asset and public-private partnership : learning from the case of Estonia : [journal article]

Lips, Silvia; Tsap, Valentyna; Bharosa, Nitesh; **Draheim, Dirk**; Krimmer, Robert Johannes; **Tammet, Tanel** SSRN 2022 / 19 p. : ill <https://doi.org/10.2139/ssrn.4113998>

Manganese-substituted kesterite thin-films for earth-abundant photovoltaic applications

Trifiletti, Vanira; Frioni, Luigi; Tseberlidis, Giorgio; Vitiello, Elisa; **Danilson, Mati; Grossberg, Maarja**; Acciarri, Maurizio; Binetti, Simona; Marchionna, Stefano Solar energy materials and solar cells 2023 / art. 112247, 13 p. : ill <https://doi.org/10.1016/j.solmat.2023.112247>

Manufacturability and deformation studies on a novel metallic lattice structure fabricated by Selective Laser Melting

Manufacturing of silicon – Bioactive glass scaffolds by selective laser melting for bone tissue engineering

Rodrigo-Vazquez, C. Sara; **Kamboj, Nikhil Kumar**; Aghayan, Marina; Saez, Ada; De Aza, Antonio de; Rodriguez, Miguel Angel; **Hussainova, Irina** Ceramics international 2020 / p. 26936-26944 : ill <https://doi.org/10.1016/j.ceramint.2020.07.171> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Marine redox variability from Baltica during extinction events in the latest Ordovician–early Silurian

Young, Seth A.; Benayoun, Emily; Kozik, Nevin P.; **Hints, Olle; Martma, Tõnu**; Bergström, Stig M.; Owens, Jeremy D. Palaeogeography, Palaeoclimatology, Palaeoecology 2020 / art. 109792 <https://doi.org/10.1016/j.palaeo.2020.109792> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Market based renovation solutions in non-residential buildings - Why commercial buildings are not renovated to NZEB

Kuivjõgi, Helena; Uutar, Aivar; Kuusk, Kalle; Thalfeldt, Martin; Kurnitski, Jarek Energy and buildings 2021 / art. 111169, 13 p. : ill <https://doi.org/10.1016/j.enbuild.2021.111169> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Market mapping of plant-based milk alternatives by using sensory (RATA) and GC analysis

Vaikma, Helen; Kaleda, Aleksei; **Rosend, Julia**; Rosenvald, Sirli Future foods 2021 / art. 100049 <https://doi.org/10.1016/j.fufo.2021.100049> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

A Markov chain-based data dissemination protocol for vehicular ad hoc networks

Yeferny, Taoufik; Ben Yahia, Sadok Computer communications 2021 / p. 303–314 : ill <https://doi.org/10.1016/j.comcom.2021.10.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

MARSTRUCT benchmark study on nonlinear FE simulation of an experiment of an indenter impact with a ship side-shell structure

Ringsberg, Jonas W.; Amdahl, Jörgen; Chen, Bai Qiao; Cho, Sang-Rai; **Körgeaar, Mihkel; Tabri, Kristjan** Marine structures 2018 / p. 142-157 <https://doi.org/10.1016/j.marstruc.2018.01.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Material and debris transport patterns in Moreton Bay, Australia : the influence of Lagrangian coherent structure

Suara, Kabir Adewale; Khanarmuei, Mohammadreza; Ghosh, Anusmriti; Yu, Yingying; Zhang, Hong; **Soomere, Tarmo**; Brown, Richard J. Science of the total environment 2020 / art. 137715 <https://doi.org/10.1016/j.scitotenv.2020.137715> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Maximizing the degree of rejuvenation in metallic glasses

Yuan, Xudong; Sopu, Daniel; Spieckermann, Florian C.; Song, Kaikai; Ketov, Sergey V.; **Prashanth, Konda Gokuldoss**; Eckert, Juergen H. Scripta Materialia 2022 / art. 114575 <https://doi.org/10.1016/j.scriptamat.2022.114575> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mechanical activation of magnesium silicates for mineral carbonation, a review

Li, Jiajie; **Hitch, Michael William** Minerals engineering 2018 / p. 69-83 : ill <https://doi.org/10.1016/j.mineng.2018.08.034> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mechanical activation of medium basicity steel slag under dry condition for carbonation curing

Li, Jiajie; Ni, Wen; Wang, Xue; Zhu, Sitao; Wei, Xinlei; Jiang, Fuxing; Zeng, Hui; **Hitch, Michael William** Journal of building engineering 2022 / art. 104123 <https://doi.org/10.1016/j.job.2022.104123>

Mechanical properties and self-healing capacity of ultra high performance fibre reinforced concrete with alumina nano-fibres : tailoring ultra high durability concrete for aggressive exposure scenarios

Cuenca, Estefania; D'Ambrosio, Leonardo; Lizunov, Dennis; **Tretjakov, Aleksei; Volobujeva, Olga**; Ferrara, Liberato Cement and concrete composites 2021 / art. 103956, 17 p <https://doi.org/10.1016/j.cemconcomp.2021.103956> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mechanism of abrasion-erosion wear of thermal sprayed coatings

Kulu, Priit; Veinthal, Renno; Kõo, Jakub; Lille, Harri Advances in mechanical behaviour, plasticity and damage : proceedings of EUROMAT 2000. Volume 1 2000 / p. 651-656 : ill

Mesoporous fibrous silicon nitride by catalytic nitridation of silicon

Minasyan, Tatevik; Liu, Le; Aghayan, Marina; Rodriguez, Miguel Angel; **Aydinyan, Sofiya; Hussainova, Irina** Progress in natural science: materials international 2019 / p. 190-197 : ill <https://doi.org/10.1016/j.pnsc.2019.03.017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Metagenome dataset of wheat rhizosphere from Ghazipur region of Eastern Uttar Pradesh

Srivastava, Ruchi; Srivastava, Alok K.; Ramteke, Promod W.; **Gupta, Vijai Kumar**; Srivastava, Anchal K. Data in brief 2020 / art.

105094, 4 p. : ill <https://doi.org/10.1016/j.dib.2019.105094> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Metal-doped organic aerogels for photocatalytic degradation of trimethoprim

Bolobajev, Juri; Kask, Maarja; Kreek, Kristiina; Kulp, Maria; Koel, Mihkel; Goi, Anna Chemical engineering journal 2019 / p. 120-128 : ill <https://doi.org/10.1016/j.cej.2018.09.127> [Tehnikaülikooli teadlaste meetod aitab puhastada reovett antibiootikumijääkidest](#) <https://keskkonnatehnika.ee/reovee-puhastamine-kasutades-aerogeele/> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A method for producing conductive graphene biopolymer nanofibrous fabrics by exploitation of an ionic liquid dispersant in electrospinning

Javed, Kashif; Krumme, Andres; Viirsalu, Mihkel; Krasnou, Illia; Plamus, Tiia; Vassiljeva, Viktoria; Tarasova, Elvira; Savest, Natalja; Mere, Arvo; Mikli, Valdek; Danilson, Mati; Kaljuvee, Tiit; Lange, Sven Carbon 2018 / p. 148-156 : ill <https://doi.org/10.1016/j.carbon.2018.08.034> <https://novaator.err.ee/873101/ttu-teadlaste-arendatud-tselluloosikangaga-saab-vajadusel-laadida-telefoni> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Method of linear approximation of COP for heat pumps and chillers based on thermodynamic modelling and off-design operation

Pieper, Henrik; Krupenski, Igor; Markussen, Wiebke Brix; Ommen, Torben; Siirde, Andres; Volkova, Anna Energy 2021 / art. 120743 : ill <https://doi.org/10.1016/j.energy.2021.120743> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Methodology for evaluating the transition process dynamics towards 4th generation district heating systems

Volkova, Anna; Mašatin, Vladislav; Siirde, Andres Energy 2018 / p. 253-261 : ill <https://doi.org/10.1016/j.energy.2018.02.123> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Methods for classifying depression in single channel EEG using linear and nonlinear signal analysis

Bachmann, Maie; Päeske, Laura; Kalev, Kaia; Aarma, Katrin; Lehtmets, Andres; Ööpik, Pille; Lass, Jaanus; Hinrikus, Hiie Computer methods and programs in biomedicine 2018 / p. 11-17 : ill <https://doi.org/10.1016/j.cmpb.2017.11.023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Micellar electrokinetic chromatography method for the analysis of synthetic and phytocannabinoids

Laanet, Pille-Riin; Vaher, Merike; Saar-Reismaa, Piret Journal of chromatography A 2022 / art. 463080 <https://doi.org/10.1016/j.chroma.2022.463080> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microbial Engineering Biotechnologies

Biotechnology Advances Special Issues, Vol. 37, 6

2019 <https://www.sciencedirect.com/journal/biotechnology-advances/vol/37/issue/6>

Microbiological, chemical, and sensorial characterisation of commercially available plant-based yoghurt alternatives

Part, Natalja; Kazantseva, Jekaterina; Rosenvald, Sirlu; Kallastu, Aili; Vaikma, Helen; Kriščiunaite, Tiina; Pismennõi, Dmitri; Viilard, Ene Future foods 2023 / art. 100212, 10 p. : ill <https://doi.org/10.1016/j.fufo.2022.100212>

Microgrid oriented modeling of space heating system based on neural networks

Häring, Tobias; Kull, Tuule Mall; Ahmadiyahangar, Roya; Rosin, Argo; Thalfeldt, Martin; Biechl, Helmuth Journal of building engineering 2021 / art. 103150, 12 p. : ill <https://doi.org/10.1016/j.jobe.2021.103150> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microprocessors and microsystems : MICPRO : embedded hardware design

2010

Microstructure and high temperature tribological behaviour of self-lubricating Ti-TiBx composite doped with Ni-Bi

Kumar, Rahul, 1993-; Torres, Hector; Aydinyan, Sofiya; Antonov, Maksim; Varga, Markus; Rodríguez Ripoll, Manel; Hussainova, Irina Surface and coatings technology 2022 / art. 128827 <https://doi.org/10.1016/j.surfcoat.2022.128827> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microstructure and mechanical properties of NiTi-SS bimetallic structures built using wire arc additive manufacturing

Singh, Shalini; Jinoop, A. N.; Palani, Iyampuram Anand; Paul, Christ Prakash; Tomar, K. P.; Prashanth, Konda Gokuldoss Materials letters 2021 / art. 130499, 4 p. : ill <https://doi.org/10.1016/j.matlet.2021.130499> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microstructure and mechanical property of bimodal-size metallic glass particle-reinforced Al alloy matrix composites

Xie, M.S.; Wang, Zhi; Prashanth, Konda Gokuldoss Journal of alloys and compounds 2020 / art. 152317, 6 p. : ill <https://doi.org/10.1016/j.jallcom.2019.152317> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microstructure and physical-mechanical properties evolution of pure tantalum processed with hard cyclic viscoplastic deformation

Kommel, Lembit; Omranpour Shahreza, Babak; Mikli, Valdek International journal of refractory metals and hard materials 2019 / art. 104983, 10 p. : ill <https://doi.org/10.1016/j.ijrmhm.2019.104983> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microstructure and properties that change during hard cyclic visco-plastic deformation of bulk high purity niobium

Kommel, Lembit International journal of refractory metals and hard materials 2019 / p. 10-17 : ill <https://doi.org/10.1016/j.ijrmhm.2018.10.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microstructure and texture evolution during the manufacturing of in situ TiC-NiCr cermet through selective laser melting process

Aramian, Atefeh; Sadeghian, Zohreh; Wan, Di; **Holovenko, Yaroslav**; Razavi, Nima; Berto, Filippo Materials Characterization 2021 / art. 111289, 14 p. : ill <https://doi.org/10.1016/j.matchar.2021.111289> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microstructure formation and mechanical performance of micro-nanoscale ceramic reinforced aluminum matrix composites manufactured by laser powder bed fusion

Xi, Lixia; Feng, Lili; Gu, Dongdong; **Prashanth, Konda Gokuldoss**; Kaban, Ivan; Wang, Ruiqi; Xiong, Ke; Sarac, Baran; Eckert, Jürgen Journal of alloys and compounds 2023 / art. 168803 <https://doi.org/10.1016/j.jallcom.2023.168803>

Microwave synthesis of B4C nanopowder for subsequent spark plasma sintering

Davtyan, D.; Mnatsakanyan, R.A.; **Liu, Le**; **Aydinyan, Sofiya**; **Hussainova, Irina** Journal of materials research and technology 2019 / p. 5823-5832 : ill <https://doi.org/10.1016/j.jmrt.2019.09.052> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mid-Holocene European climate revisited : new high-resolution regional climate model simulations using pollen-based land-cover

Strandberg, Gustav; Lindström, Johan; **Poska, Anneli**; Zhang, Qiong; Fyfe, Ralph; Githumbi, Esther; Kjellström, Erik; Mazier, Florence; Nielsen, Anne Birgitte; Sugita, Shinya; Trondman, Anna-Kari; Woodbridge, Jessie; Gaillard, Marie-Jose Quaternary science reviews 2022 / art. 107431, 21 p. : ill., map <https://doi.org/10.1016/j.quascirev.2022.107431> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The Mid-Ludfordian (late Silurian) Glaciation : a link with global changes in ocean chemistry and ecosystem overturns

Fryda, Jirí; Lehnert, Oliver; Joachimski, Michael M.; **Männik, Peep**; Kubajko, Michal; Mergl, Michal; Farkaš, Juraj; Frydova, Barbora Earth-Science Reviews 2021 / art. 103652 <https://doi.org/10.1016/j.earscirev.2021.103652> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Miners and mendicants : a cautionary tale

Lytle, Murray; **Hitch, Michael William** The Extractive industries and society 2019 / p. 498-503 : tab <https://doi.org/10.1016/j.exis.2019.02.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Minimal realizations of nonlinear systems

Kotta, Ülle; Moog, Claude; **Tönso, Maris** Automatica 2018 / p. 207-212 <https://doi.org/10.1016/j.automatica.2018.05.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mini-pilots public value framework for cities

Soe, Ralf-Martin Transport economics and management 2023 / p. 86-93 <https://doi.org/10.1016/j.team.2023.07.001>

MIP-based electrochemical sensor for direct detection of hepatitis C virus via E2 envelope protein

Antipchik, Mariia; Reut, Jekaterina; **Ayankojo, Akinrinade George**; **Öpik, Andres**; **Sõritski, Vitali** Talanta 2022 / art. 123737 <https://doi.org/10.1016/j.talanta.2022.123737> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mitigation of pulsed power load effect on power system using FLC-SMES

Salama, Hossam S.; **Bakeer, Abualkasim Ahmed Ali**; Vokony, Istvan; **Chub, Andrii** Energy reports 2022 / p. 463-471 <https://doi.org/10.1016/j.egyr.2021.11.054> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mitoquinol mesylate alleviates oxidative damage in cirrhotic and advanced hepatocellular carcinogenic rats through mitochondrial protection and antioxidative effects

Sulaimon, Lateef Adegboyega; Adisa, Rahmat Adetutu; Samuel, Titilola A.; Abdulkareem, Fatimah Biade; **Ayankojo, Akinrinade George** Advances in Redox Research 2021 / art. 100014 <https://doi.org/10.1016/j.arres.2021.100014>

Model checking in planning resource-sharing based manufacturing

Otto, Tauno; **Vain, Jüri** Information Control Problems in Manufacturing 2006 : a proceedings volume from the 12th IFAC International Symposium : St.Etienne, France. 2 2006 / p. 523-528 <https://www.sciencedirect.com/science/article/pii/S1474667015359991>

A model-based approach for design and verification of Industrial Internet of Things

Muthukumar, Natarajan; Srinivasan, Seshadhri; Ramkumar, Kannan; **Pal, Deepak; Vain, Jüri**; Ramaswamy, Srinu Future generation computer systems 2019 / p. 354-363 : ill <https://doi.org/10.1016/j.future.2018.12.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modelling of a two-phase vortex-ring flow using an analytical solution for the carrier phase

Rybdylova, O.; Sazhin, S.S.; Osipov, A.N.; **Kaplanski, Felix**; Begg, S.; Heikal, M. Applied mathematics and computation 2018 / 11 p. : ill <https://doi.org/10.1016/j.amc.2017.12.044> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modelling of distribution level coreless induction furnace for rapid voltage change assessment

Trummal, Tarmo; Sarnet, Tanel; Kilter, Jako Electric power systems research 2021 / art. 107151
<https://doi.org/10.1016/j.epsr.2021.107151> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modelling of nitrogen leaching from watersheds with large drained peat areas

Vassiljev, Anatoli; Kaur, Katrin; Annus, Ivar Advances in engineering software 2018 / p. 94-100 : ill
<https://doi.org/10.1016/j.advengsoft.2018.03.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modelling spatial dispersion of contaminants from shipping lanes in the Baltic Sea

Maljutenko, Ilja; Hassellöv, Ida-Maja; Kõuts, Mariliis; Kasemets, Mari-Liis; Raudsepp, Urmas Marine pollution bulletin 2021 / art. 112985 <https://doi.org/10.1016/j.marpolbul.2021.112985> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modelling the air jet massage process

Martin, Andres; Neve, R.; Reedik, Vello 4th IFAC Symposium Modelling and Control in Biomedical Systems 2000 / p. 161-168
<https://www.sciencedirect.com/science/article/pii/S1474667017355027>

Modelling transmission systems in energy system analysis : a comparative study

Gunkel, Philipp A.; **Koduvere, Hardi**; Kirkerud, Jon Gustav Journal of environmental management 2020 / art. 110289
<https://doi.org/10.1016/j.jenvman.2020.110289> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modern build automation for an insurance company tool selection

Lange, Moritz; Tran, Kim Chi; Grunewald, Alexander; Koschel, Arne; Pakosch, Anna; **Astrova, Irina** Procedia computer science 2023 / p. 736-743 : ill <https://doi.org/10.1016/j.procs.2023.01.346>

Molecular interactions between novel synthesized biodegradable ionic liquids with antidepressant drug

Banjare, Manoj Kumar; Behera, Kamalakanta; Banjare, Ramesh Kumar; Pandey, Siddharth; Ghosh, Kallol K.; **Karpichev, Yevgen** Chemical Thermodynamics and Thermal Analysis 2021 / art. 100012, 12 p <https://doi.org/10.1016/j.ctta.2021.100012>

Molecularly imprinted co-polymer for class-selective electrochemical detection of macrolide antibiotics in aqueous media

Nguyen, Vu Bao Chau; Ayankojo, Akinrinade George; Reut, Jekaterina; Rappich, Jörg; Furchner, Andreas; Hinrichs, Karsten; Söritski, Vitali Sensors and actuators B : chemical 2023 / art. 132768, 9 p. : ill <https://doi.org/10.1016/j.snb.2022.132768>

Molecularly imprinted polymer based electrochemical sensor for quantitative detection of SARS-CoV-2 spike protein

Ayankojo, Akinrinade George; Boroznjak, Roman; Reut, Jekaterina; Öpik, Andres; Söritski, Vitali Sensors and Actuators B: Chemical 2022 / Art. 131160 <https://doi.org/10.1016/j.snb.2021.131160> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Molecularly imprinted polymer-based SAW sensor for label-free detection of cerebral dopamine neurotrophic factor protein

Kidakova, Anna; Boroznjak, Roman; Reut, Jekaterina; Öpik, Andres; Saarma, Mart; Söritski, Vitali Sensors and actuators B : chemical 2020 / art. 127708, 8 p. : ill <https://doi.org/10.1016/j.snb.2020.127708> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Molecularly imprinted polymer-based sensor for electrochemical detection of erythromycin

Ayankojo, Akinrinade George; Reut, Jekaterina; Ciocan, Valeriu; Öpik, Andres; Söritski, Vitali Talanta 2020 / art. 120502, 9 p. : ill <https://doi.org/10.1016/j.talanta.2019.120502> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Molecularly imprinted poly(meta-phenylenediamine) based QCM sensor for detecting Amoxicillin

Ayankojo, Akinrinade George; Reut, Jekaterina; Boroznjak, Roman; Öpik, Andres; Söritski, Vitali Sensors and actuators B : chemical 2018 / p. 766-774 : ill <https://doi.org/10.1016/j.snb.2017.11.194> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

MO-NILM: A multi-objective evolutionary algorithm for NILM classification

Machlev, Ram; **Belikov, Juri**; Beck, Yuval; Levron, Yoash Energy and buildings 2019 / p. 134-144
<https://doi.org/10.1016/j.enbuild.2019.06.046> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

MORec: At the crossroads of context-aware and multi-criteria decision making for online music recommendation
Ben Sassi, Imen; Ben Yahia, Sadok; Liiv, Innar Expert systems with applications 2021 / art. 115375, 20 p. : ill
<https://doi.org/10.1016/j.eswa.2021.115375>

Morphological cross entropy loss for improved semantic segmentation of small and thin objects
Pihlak, Rene; Riid, Andri Procedia computer science 2021 / p. 582–591 <https://doi.org/10.1016/j.procs.2021.08.060> Conference
[proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Mo(Si,Al)₂ by laser powder bed fusion of AlSi10Mg and combustion synthesized MoSi₂
Minasyan, Tatevik; Ivanov, Roman; Toyserkani, Ehsan; Hussainova, Irina Materials letters 2022 / art. 131041
<https://doi.org/10.1016/j.matlet.2021.131041> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

MPPT performance enhancement of low-cost PV microconverters
Vinnikov, Dmitri; Chub, Andrii; Korkh, Oleksandr; Liivik, Elizaveta; Blaabjerg, Frede; Kouro, Samir Solar energy 2019 / p. 156-166 : ill <https://doi.org/10.1016/j.solener.2019.05.024> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A multi-agent system approach for optimal microgrid expansion planning under uncertainty
Mishra, Sambeet; Bordin, Chiara; Tomasgard, Asgeir; Palu, Ivo International journal of electrical power & energy systems 2019 / p. 696-709 : ill <https://doi.org/10.1016/j.ijepes.2019.01.044> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Multi-dimensional time and university technology commercialisation as opportunity praxis : a realist synthesis of the accumulated literature
Kalantaridis, Christos; Küttim, Merle Technovation 2023 / art. 102685, 12 p. : ill <https://doi.org/10.1016/j.technovation.2022.102685>

A multihorizon approach for the reliability oriented network restructuring problem, considering learning effects, construction time, and cables maintenance costs
Bordin, Chiara; Mishra, Sambeet; Palu, Ivo Renewable Energy 2021 / p. 878-895 : ill <https://doi.org/10.1016/j.renene.2020.12.105>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A multi-layer Cu:Ga/In sputtered precursor to improve structural properties of CIGS absorber layer
Misra, Prashant; Mandati, Sreekanth; Rao, Tata Naransinga; Sarada, Bulusu V. Materials today: proceedings 2021 / p. 2037-2041 : ill <https://doi.org/10.1016/j.matpr.2020.09.545>

Multi-nodal nano-actuator pacemaker for energy-efficient stimulation of cardiomyocytes
Lu, Pengfei; Veleatic, Mladen; Laasmaa, Martin; Vendelin, Marko Nano Communication Networks 2019 / art. 100270, 11 p. : ill
<https://doi.org/10.1016/j.nancom.2019.100270> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Multi-objective planning of electric vehicles charging in distribution system considering priority-based vehicle-to-grid scheduling
Singh, Praveen Prakash; Das, Soumyabrata; Wen, Fushuan; Palu, Ivo; Singh, Asheesh K.; Thakur, Padmanabh Swarm and evolutionary computation 2023 / art. 101234, 16 p. : ill <https://doi.org/10.1016/j.swevo.2023.101234>

Multi-parameter reconstruction of velocity and density using ultrasonic tomography based on full waveform inversion
Rao, Jing; Yang, Jizhong; Ratassepp, Madis; Fan, Zheng Ultrasonics 2020 / art. 106004, 10 p. : ill
<https://doi.org/10.1016/j.ultras.2019.106004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Multi-performance optimization of static shading devices for glare, daylight, view and energy consideration
De Luca, Francesco; Sepulveda Luque, Abel; Varjas, Toivo Building and environment 2022 / art. 109110
<https://doi.org/10.1016/j.buildenv.2022.109110> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Multiple role of fluxing agent in the recrystallization process
Hiie, Jaan; Altosaar, Mare; Mellikov, Enn; Meissner, Dieter; Brammer, T. Proceedings of the 2nd World Conference on Photovoltaic Solar Energy Conversion : Jerusalem, Israel, July 4-9, 1999. Vol. 1 2000 / p. 732-734

A multi-proxy approach to constrain reducing conditions in the Baltic Basin during the late Silurian Lau carbon isotope excursion
Bowman, Chelise N.; Them II, Theodore R.; Knight, Marisa D.; Kaljo, Dimitri; Eriksson, Mats E.; Hints, Olle; Martma, Tõnu; Owens, Jeremy D.; Young, Seth, A. Palaeogeography, palaeoclimatology, palaeoecology 2021 / art. 110624
<https://doi.org/10.1016/j.palaeo.2021.110624> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Multi-source district heating system full decarbonization strategies: Technical, economic, and environmental assessment
Pakere, Ieva; Feofilovs, Maksims; Lepiksaar, Kertu; Vitolinš, Valdis; Blumberga, Dagnija Energy 2023 / art. 129296
<https://doi.org/10.1016/j.energy.2023.129296>

Multi-stage deep learning networks for automated assessment of electricity transmission infrastructure using fly-by

images

Manninen, Henri; Ramlal, Craig J.; Singh, Arvind; **Kilter, Jako**; **Landsberg, Mart** Electric power systems research 2022 / art. 107948 <https://doi.org/10.1016/j.eprsr.2022.107948> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Multi-type dislocation substructure evolution in a high-strength and ductile duplex high-entropy nanocomposites

Mua, Yongkun; **Liu, Le**; Shia, Jinqiang; Sun, Tongtong; Hua, Kai; Jia, Yuefei; Song, Kaikai; Jia, Yandong; Wang, Qing; Wang, Gang Composites Part B : Engineering 2022 / art. 110322 <https://doi.org/10.1016/j.compositesb.2022.110322> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nanostructural evolution in mesoporous networks using in situ high-speed temperature scanner

Kamboj, Nikhil Kumar; **Aghayan, Marina**; Rubio-Marcos, Fernando; Nazaretyan, Khachatur; Rodriguez, Miguel Angel; Kharatyan, Suren; **Hussainova, Irina** Ceramics international 2018 / p. 12265-12272 : ill <https://doi.org/10.1016/j.ceramint.2018.04.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nanostructure development in refractory metals : ECAP processing of Niobium and Tantalum using indirect-extrusion technique

Omranpour Shahreza, Babak; **Kommel, Lembit**; **Mikli, Valdek**; Garcia, Edgar; Huot, Jacques International journal of refractory metals and hard materials 2019 / p. 1-9 : ill <https://doi.org/10.1016/j.ijrmhm.2018.10.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

National culture and bank risk-taking : contradictory case of individualism

Illiashenko, Pavlo; **Laidroo, Laivi** Research in international business and finance 2020 / art. 101069, 15 p <https://doi.org/10.1016/j.ribaf.2019.101069> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nationwide review of heavy metals in municipal sludge wastewater treatment plants in China: Sources, composition, accumulation and risk assessment

Cheng, Xiaoqian; Wei, Cong; Ke, Xiong; Pan, Jiamin; Wei, Gengrui; Chen, Yao; Wei, Chaohai; Li, Fusheng; **Preis, Sergei** Journal of hazardous materials 2022 / art. 129267 <https://doi.org/10.1016/j.jhazmat.2022.129267> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Natural pigments (anthocyanins and chlorophyll) and antioxidants profiling of European red and green gooseberry (Ribes uva-crispa L.) extracted using green techniques (UAE-citric acid-mediated extraction)

Hussain, Shehzad; Sharma, Minaxi; **Jarg, Tatsiana**; **Aav, Riina**; Bhat, Rajeev Current research in food science 2023 / art. 100629 <https://doi.org/10.1016/j.crfs.2023.100629>

New higher order Haar wavelet method : application to FGM structures

Majak, Jüri; **Pohlak, Meelis**; **Karjust, Kristo**; **Eerme, Martin**; **Kurnitski, Jarek**; Shvartsman, Boris Composite Structures 2018 / p. 72-78 : tab <https://doi.org/10.1016/j.compstruct.2018.06.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New insights of the crustal structure across Estonia using satellite potential fields derived from WGM-2012 gravity data and EMAG2v3 magnetic data

Solano-Acosta, Juan David; **Soesoo, Alvar**; **Hints, Rutt** Tectonophysics 2023 / art. 229656, 27 p. : ill <https://doi.org/10.1016/j.tecto.2022.229656>

New type of bridge fault current limiter with reduced power losses for transient stability improvement of DFIG wind farm

Baimel, Dmitry; Chowdhury, Nilanjan Roy; **Belikov, Juri**; Levron, Yoash Electric Power Systems Research 2021 / art. 107293, 8 p. : ill <https://doi.org/10.1016/j.eprsr.2021.107293> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nickel oxide films by chemical spray : effect of deposition temperature and solvent type on structural, optical, and surface properties

Chen, Zengjun; **Dedova, Tatjana**; **Oja Acik, Ilona**; **Danilson, Mati**; **Krunks, Malle** Applied surface science 2021 / art. 149118 <https://doi.org/10.1016/j.apsusc.2021.149118> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A non-vacuum dip coated SiO2 interface layer for fabricating CIGS solar cells on stainless steel foil substrates

Misra, Prashant; Atchuta, S. R.; **Mandati, Sreekanth**; Sarada, Bulusu V.; Rao, Tata Naransinga; Sakthivel, S. Solar energy 2021 / p. 471-477 : ill <https://doi.org/10.1016/j.solener.2020.12.007>

Norepinephrine modulates proliferation and IFN- α production by porcine immune cells

Veterinary Immunology and Immunopathology 2009 / p. 253 <https://doi.org/10.1016/j.vetimm.2008.10.093>

Not everything is as it seems: Digital technology affordance, pandemic control, and the mediating role of sociomaterial arrangements

Mora, Luca; Kummitha, Rama Krishna Reddy; Esposito, Giovanni Government information quarterly 2021 / art. 101599 <https://doi.org/10.1016/j.giq.2021.101599> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A novel approach to fabricate Si3N4 by selective laser melting

Minasyan, Tatevik; Liu, Le; Aghayan, Marina; Kollo, Lauri; Kamboj, Nikhil Kumar; Aydinyan, Sofiya; Hussainova, Irina Ceramics international 2018 / p. 13689-13694 : ill <https://doi.org/10.1016/j.ceramint.2018.04.208> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A novel crack-free and refined 2195-Ti/CeB6 composites prepared by laser powder bed fusion

Xi, Lixia; Xu, Juncan; Gu, Dongdong; Feng, Lili; Lu, Qiuyang; Prashanth, Konda Gokuldoss Materials letters 2023 / art. 133572 <https://doi.org/10.1016/j.matlet.2022.133572>

A novel crack-free Ti-modified Mo alloy designed for laser powder bed fusion

Zhang, Cheng; Wang, Pei; Liu, C. Y.; Liu, Zhiyuan; Wu, Mingwei; Gao, X. H.; Li, M. H.; Yang, Chao; Prashanth, Konda Gokuldoss; Chen, Zhangwei Journal of alloys and compounds 2022 / art. 164802 <https://doi.org/10.1016/j.jallcom.2022.164802> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A novel method for calculating heat emitter and controller configuration setpoint variations with EN15316-2

Vösa, Karl-Villem; Ferrantelli, Andrea; Kurnitski, Jarek Journal of building engineering 2020 / art. 101387 <https://doi.org/10.1016/j.jobe.2020.101387> <https://aaltodoc.aalto.fi/handle/123456789/43872> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A novel renewable powered stand-alone electric vehicle parking-lot model

Jawad, Muhammad; Asghar, Hira; Arshad, Jehangir; Javed, Abbas; Qureshi, Muhammad Bilal; Ali, Sahibzada Muhammad; Shabbir, Noman; Rassölkin, Anton Sustainable Energy, Grids and Networks 2023 / art. 100992, 14 p. : ill <https://doi.org/10.1016/j.segan.2022.100992>

A novel short receptive field based dilated causal convolutional network integrated with Bidirectional LSTM for short-term load forecasting

Javed, Umar; Ijaz, Khalid; Jawad, Muhammad; Khosa, Ikramullah; Ansari, Ejaz Ahmad; Zaidi, Khurram Shabih; Rafiq, Muhammad Nadeem; Shabbir, Noman Expert systems with applications 2022 / art. 117689 <https://doi.org/10.1016/j.eswa.2022.117689> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Novel silicon-wollastonite based scaffolds for bone tissue engineering produced by selective laser melting

Kamboj, Nikhil Kumar; Aghayan, Marina; Rodrigo-Vazquez, Sara; Rodriguez, Miguel Angel; Hussainova, Irina Ceramics International 2019 / p. 24691-24701 : ill <https://doi.org/10.1016/j.ceramint.2019.08.208> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A novel strategy to enhance biohydrogen production using graphene oxidetreated thermostable crude cellulase and sugarcane bagasse hydrolyzate under co-culture system

Srivastava, Neha; Srivastava, Manish; Gupta, Vijai Kumar Bioresource technology 2018 / p. 337-345 : ill <https://doi.org/10.1016/j.biortech.2018.09.038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Novel welding of Al0.5CoCrFeNi high-entropy alloy: corrosion behavior

Sokkalingam, Rathinavelu; Sivaprasad, Katakam; Duraiselvam, Muthukannan; Muthupandi, Veerappan; Prashanth, Konda Gokuldoss Journal of alloys and compounds 2020 / art. 153163, 6 p. : ill <https://doi.org/10.1016/j.jallcom.2019.153163> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

N-substituted arylhydroxamic acids as acetylcholinesterase reactivators

Bondar, Denys; Kapitanov, Illia; Pulkrabkova, Lenka; Soukup, Ondrej; Jun, Daniel; Botelho, Fernanda D.; Franca, Tanos C.C.; Kuca, Kamil; Karpichev, Yevgen Chemico-Biological Interactions 2022 / art. 110078, 13 p. : ill <https://doi.org/10.1016/j.cbi.2022.110078> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Numerical analysis of additional heat loss induced by air cavities between insulation boards due to non-ideality

Hallik, Jaanus; Klõšeiko, Paul; Piir, Reimo; Kalamees, Targo Journal of building engineering 2022 / art. 05221 <https://doi.org/10.1016/j.jobe.2022.105221> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Numerical analysis of shipping water impacting a step structure

Khojasteh, Danial; Tavakoli, Sasan; Dashtimanesh, Abbas Ocean Engineering 2020 / art. 107517, 10 p. : ill <https://doi.org/10.1016/j.oceaneng.2020.107517> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Numerical simulations of wave climate in the Baltic Sea: a review

Soomere, Tarmo Oceanologia 2023 / p. 117-140 <https://doi.org/10.1016/j.oceano.2022.01.004>

Numerical study on a heeled one-stepped boat moving forward in planing regime

Dashtimanesh, Abbas; Tavakoli, Sasan; Kohansal, Ahmadreza; Khosravani, Reza; Ghassemzadeh, Abbas Applied ocean research 2020 / art. 102057, 18 p <https://doi.org/10.1016/j.apor.2020.102057> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nutraceutical approaches to non-alcoholic fatty liver disease (NAFLD): A position paper from the International Lipid Expert Panel (ILEP)

Rizzo, Manfredi; Colletti, Alessandro; Penson, Peter E.; Katsiki, Niki; Mikhailidis, Dimitri P.; Toth, Peter P.; Gouni-Berthold, Ioanna; Mancini, John; Marais, David; **Viigimaa, Margus** Pharmacological research 2023 / 21 p. : ill <https://doi.org/10.1016/j.phrs.2023.106679>
[Journal metrics at Scopus](#)

Observations of surface drift and effects induced by wind and surface waves in the Baltic Sea for the period 2011–2018

Delpeche-Ellmann, Nicole Camille; Giudici, Andrea; Rätsep, Margus; Soomere, Tarmo Estuarine, coastal and shelf science 2021 / art. 107071, 13 p. : ill., map <https://doi.org/10.1016/j.ecss.2020.107071> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Observer-based detection and identification of sensor attacks in networked CPSs

Chowdhury, Nilanjan Roy; **Belikov, Juri**; Baimel, Dmitry; Levron, Yoash Automatica 2020 / art. 109166, 13 p
<https://doi.org/10.1016/j.automatica.2020.109166> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An assessment of attitudes towards plastics and bioplastics in Europe

Filho, Walter Leal; Salvia, Amanda Lange; Bonoli, Alessandra; Saari, Ulla A.; **Voronova, Viktoria; Klõga, Marija** The science of the total environment 2021 / art. 142732, 10 p. : ill <https://doi.org/10.1016/j.scitotenv.2020.142732> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Offshore wind power plant site selection in the Baltic Sea

Barzehkar, Mojtaba; Parnell, Kevin Ellis; Soomere, Tarmo; Koivisto, Matti J. Regional studies in marine science 2024 / art. 103469 <https://doi.org/10.1016/j.rsma.2024.103469>

Oil prices and unemployment in the UK before and after the crisis : a Bayesian VAR approach. A note

Cuestas, Juan Carlos; Ordonez, Javier Physica A : statistical mechanics and its applications 2018 / p. 200-207 : ill
<https://doi.org/10.1016/j.physa.2018.06.114> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oil prices, unemployment and the financial crisis in oil-importing countries : The case of Spain

Ordonez, Javier; Monfort, Mercedes; Cuestas, Juan Carlos Energy 2019 / p. 625-634 <https://doi.org/10.1016/j.energy.2019.05.209>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On statistical paradoxes and overcoming the impact of bias in expert systems : towards fair and trustworthy decision making

Sharma, Rahul SSRN 2023 / 37 p. : ill <https://doi.org/10.2139/ssrn.4506432>

On the application of 2D discrete spectral analysis in case of the KP equation

Salupere, Andrus; Ratas, Mart Mechanics research communications 2018 / p. 141-147 : ill
<https://doi.org/10.1016/j.mechrescom.2017.08.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the application of active learning for efficient and effective botnet detection

Guerra Manzanares, Alejandro; Bahsi, Hayretdin Future Generation Computer Systems 2023 / p. 40-53 : ill
<https://doi.org/10.1016/j.future.2022.10.024>

On the dynamics of sovereign debt in China : sustainability and structural change

Cuestas, Juan Carlos; Regis, Paulo Jose Economic modelling 2018 / p. 356-359 : ill <https://doi.org/10.1016/j.econmod.2017.08.003>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the effects of different regimes of plasma pulses affecting the material due to their succession

Paju, Jana; Laas, Tõnu; **Primets, Jaanis**; Väli, Berit; **Shirokova, Veroonika**; Laas, Katrin Nuclear materials and energy 2019 / p. 312-320 : ill <https://doi.org/10.1016/j.nme.2019.01.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the relativity of time : implications and challenges of data drift on long-term effective android malware detection

Guerra Manzanares, Alejandro; Bahsi, Hayretdin Computers & Security 2022 / art. 102835, 15 p. : ill
<https://doi.org/10.1016/j.cose.2022.102835> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ontology integration : approaches and challenging issues

Osman, Ines; **Ben Yahia, Sadok**; Diallo, Gayo Information Fusion 2021 / p. 38-63 : ill <https://doi.org/10.1016/j.inffus.2021.01.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An open 3D CFD model for the investigation of flow environments experienced by freshwater fish

Khan, Ali Hassan; Hussmann, Karla Ruiz; Powalla, Dennis; Hoerner, Stefan; **Kruusmaa, Maarja; Tuhtan, Jeffrey Andrew** Ecological Informatics 2022 / art. 101652, 12 p. : ill <https://doi.org/10.1016/j.ecoinf.2022.101652> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Open source dataset generator for power quality disturbances with deep-learning reference classifiers

Machlev, Ram; Chachkes, A.; **Belikov, Juri**; Beck, Yuval; Levron, Yoash Electric power systems research 2021 / art. 107152, 7 p. : ill <https://doi.org/10.1016/j.epsr.2021.107152> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Operation of district heat network in electricity and balancing markets with the power-to-heat sector coupling

Javanshir, Nima; Syri, Sanna; Tervo, Seela; **Rosin, Argo** Energy 2023 / art. 126423 <https://doi.org/10.1016/j.energy.2022.126423>

Operational semantics with semicommutations

Maarand, Hendrik; Uustalu, Tarmo Journal of logical and algebraic methods in programming 2021 / art. 100677, 27 p <https://doi.org/10.1016/j.jlamp.2021.100677> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Operationalisation of ecosystem services in support of ecosystem-based marine spatial planning : insights into needs and recommendations

Galparsoro, Ibon; Pınarbası, Kemal; Gissi, Elena; Culhane, Fiona; Gacutan, Jordan; Kotta, Jonne; Cabana, David; Wanke, Sonja; **Fetissov, Mihhail** Marine Policy 2021 / art. 104609 <https://doi.org/10.1016/j.marpol.2021.104609>

Optimal energy management of grid-connected multi-microgrid systems considering demand-side flexibility : a two-stage multi-objective approach

Karimi, Hamid; Gharehpetian, Gevork B.; **Ahmadihangar, Roya; Rosin, Argo** Electric power systems research 2023 / art. 108902 <https://doi.org/10.1016/j.epsr.2022.108902>

Optimal mechanical properties of Hydroxyapatite gradient Voronoi porous scaffolds for bone applications — a numerical study

Rezapourianghahfarokhi, Mansoureh; Hussainova, Irina Journal of the mechanical behavior of biomedical materials 2023 / art. 106232 <https://doi.org/10.1016/j.jmbbm.2023.106232>

Optimal operation of district heat network in electricity and balancing markets

Javanshir, Nima; Syri, Sanna; **Tervo, Seela; Rosin, Argo** SSRN 2022 / 38 | <https://doi.org/10.2139/ssrn.4074474>

Optimal scheduling of HVACs in islanded residential microgrids to reduce BESS size considering effect of discharge duration on voltage and capacity of battery cells

Sanjareh, Mehrdad Bagheri; Nazari, Mohammad Hassan; Gharehpetian, Gevork B.; **Ahmadihangar, Roya; Rosin, Argo** Sustainable Energy, Grids and Networks 2021 / art. 100424 <https://doi.org/10.1016/j.segan.2020.100424> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optimization of renewable energy for buildings with energy storages and 15-minute power balance

Savolainen, Rebecka; Lahdelma, Risto Energy 2022 / art. 123046 <https://doi.org/10.1016/j.energy.2021.123046> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Origin and formation of methane in groundwater of glacial origin from the Cambrian-Vendian aquifer system in Estonia

Raidla, Valle; Pärn, Joonas; Schloemer, Stefan; Aeschbach-Hertig, Werner; Czuppon, György; **Ivask, Jüri**; Marandi, Andres; Sepp, Holar; **Vaikmäe, Rein**; Kirsimäe, Kalle Geochimica et cosmochimica acta 2019 / p. 247-264 : ill <https://doi.org/10.1016/j.gca.2019.02.029> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Origin of photoluminescence from antimony selenide

Grossberg, Maarja; Volobujeva, Olga; Penežko, Aleksei; Kaupmees, Reelika; Raadik, Taavi; Krustok, Jüri Journal of alloys and compounds 2020 / art. 152716, 5 p. : ill <https://doi.org/10.1016/j.jallcom.2019.152716> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ozonation of aqueous phenol catalyzed by biochar produced from sludge obtained in the treatment of coking wastewater

Zhang, Fengzhen; Wu, Kaiyi; Zhou, Hongtao; Hu, Yun; **Preis, Sergei**; Wu, Haizhen; Wei, Chaohai Journal of environmental management 2018 / p. 376-386 : ill <https://doi.org/10.1016/j.jenvman.2018.07.038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Overview and future challenges of nearly zero-energy building (nZEB) design in Eastern Europe

Attia, Shady; **Kurnitski, Jarek**; Kosin, Piotr; Borodinecs, Anatolijs; Belafi, Zsafia Deme; Istvan, Kistelegdi; Krstic, Hrvoje; Moldovan, Macedon; Visa, Ion; Mihailov, Nicolay Energy and buildings 2022 / art. 112165 <https://doi.org/10.1016/j.enbuild.2022.112165> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Overview of the current status of familial hypercholesterolaemia care in over 60 countries - The EAS familial hypercholesterolaemia studies collaboration (FHSC)

Vallejo-Vaz, Antonio J.; De Marco, Martina; **Viigimaa, Margus** Atherosclerosis 2018 / p. 234-255 <https://doi.org/10.1016/j.atherosclerosis.2018.08.051> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oxidation of aqueous bisphenols A and S by pulsed corona discharge : impacts of process control parameters and

oxidation products identification

Tikker, Priit; Nikitin, Dmitri; Preis, Sergei The chemical engineering journal 2022 / art. 135602

<https://doi.org/10.1016/j.cej.2022.135602> [Journal metrics at Scopus](#) [Article of Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oxidation of aqueous N-nitrosodiethylamine: experimental comparison of pulsed corona discharge with H₂O₂-assisted ozonation

Kask, Maarja; Kritševskaja, Marina; Preis, Sergei; Bolobajev, Juri Journal of environmental chemical engineering 2021 / art.

105102 <https://doi.org/10.1016/j.jece.2021.105102> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oxidation of aqueous organic molecules in gas-phase pulsed corona discharge affected by sodium dodecyl sulphate: Explanation of variability

Onga, Liina; Boroznjak, Roman; Kornev, Iakov; Preis, Sergei Journal of electrostatics 2021 / art. 103581, 6 p

<https://doi.org/10.1016/j.elstat.2021.103581> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oxidative degradation of the artificial sweetener acesulfame in aqueous matrices by UVA-induced H₂O₂/Fe²⁺ and S₂O₈²⁻/Fe²⁺ processes [Online resource]

Kattel, Eneliis; Trapido, Marina; Dulova, Niina 1st International Conference on Sustainable Water Processing : Sitges, Spain, September 11-14, 2016 : programme 2016 / p. OA2.3 <http://www.sustainablewaterprocessing.com/>

Oxyfuel conversion of Ca-rich fuel in a 60 kWth circulating fluidized bed

Baqain, Mais Hanna Suleiman; Nešumajev, Dmitri; Konist, Alar Proceedings of the 16th Greenhouse Gas Control Technologies Conference (GHGT-16) 23-24 Oct 2022 2022 / p. 1-10 <https://doi.org/10.2139/ssrn.4276982>

Oxygenated conditions in the aftermath of the Lomagundi-Jatuli Event: The carbon isotope and rare earth element signatures of the Paleoproterozoic Zaonega Formation, Russia

Kreitsmann, Timmu; Lepland, Aivo; Bau, M.; Prave, A.R.; Paiste, Kärt; Mänd, Kaarel; Sepp, Holar; **Martma, Tõnu; Romashkin, A.E.**; Kirsimäe, Kalle Precambrian research 2020 / art. 105855, 16 p. : ill <https://doi.org/10.1016/j.precamres.2020.105855> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Palaeoenvironmental changes and their chronology during the latter half of MIS 5 on the south-eastern coast of the Gulf of Finland

Molodkov, Anatoli; Bolikhovskaya, Nataliya Quaternary International 2022 / p. 40-54 : ill <https://doi.org/10.1016/j.quaint.2021.10.016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Palynomorph optical analyses for thermal maturity assessment of upper ordovician (Katian-Hirnantian) rocks from Southern Estonia

Sorci, Andrea; Cirilli, Simonetta; Clayton, Geoff; Corrado, Sveva; **Hints, Olle**; Goodhue, Robbie; Schito, Andrea; Spina, Amalia Marine and Petroleum Geology 2020 / art. 104574 <https://doi.org/10.1016/j.marpetgeo.2020.104574> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Panel cointegration, quantile regressions, asymmetric adjustments and crises: The case of EU current accounts

Coleman, Simeon; **Cuestas, Juan Carlos** Economic systems 2021 / art. 100870 ; 20 p <https://doi.org/10.1016/j.ecosys.2021.100870> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Perceived multiple stressor effects depend on sample size and stressor gradient length

Mack, Leoni; Fernandez de la Hoz, Camino; Penk, Marcin; Piggott, Jeremy; Crowe, Tasman; Hering, Daniel; Kaijser, Willem; Aroviita, Jukka; Baer, Jan; **Kotta, Jonne** Water research 2022 / art. 119260 <https://doi.org/10.1016/j.watres.2022.119260>

Perceived uncertainty as a key driver of household saving

Levenko, Natalia International Review of Economics & Finance 2020 / p. 126-145 : ill <https://doi.org/10.1016/j.iref.2019.10.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Performance assessment of ventilative and radiant cooling systems in office buildings during extreme weather conditions under a changing climate

Velashjerdi Farahani, Azin; **Jokisalo, Juha**; Korhonen, Natalia; Jylhä, Kirsti; **Kosonen, Risto**; Lestinen, Sami Journal of building engineering 2022 / art. 104951, 22 p. : ill <https://doi.org/10.1016/j.jobe.2022.104951> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Performance of constructions with clay plaster and timber at elevated temperatures

Liblik, Johanna; Just, Alar Energy procedia 2016 / p. 717-728 : ill <https://doi.org/10.1016/j.egypro.2016.09.133>

Performance of polyimide and PTFE based composites under sliding, erosive and high stress abrasive conditions

Kumar, Rahul, 1993-; Malaval, Bastien; **Antonov, Maksim**; Zhaoc, Gai Tribology international 2020 / art. 106282 <https://doi.org/10.1016/j.triboint.2020.106282> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Persistency of debris accumulation in tidal estuaries using Lagrangian coherent structures

Ghosh, Anusmriti; Suara, Kabir Adewale; McCue, Scott W.; Yu, Yingying; **Soomere, Tarmo**; Brown, Richard J. The science of the total environment 2021 / art. 146808, 12 p. : ill <https://doi.org/10.1016/j.scitotenv.2021.146808> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Perspectives of metal-diamond composites additive manufacturing using SLM-SPS and other techniques for increased wear-impact resistance

Rahmani Ahranjani, Ramin; Brojan, Miha; **Antonov, Maksim**; Prashanth, Konda Gokuldoss International journal of refractory metals and hard materials 2020 / art. 105192, 13 p. : ill <https://doi.org/10.1016/j.jrmhm.2020.105192> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

PF-FEDG : an open-source data generator for frequency disturbance event detection with deep-learning reference classifiers

Sun, Zhenglong; Ram, Machlev; Jiang, Chao; Wang, Qianchao; Michael, Perl; **Belikov, Juri**; Yoash, Levron Energy reports 2023 / p. 397-413 <https://doi.org/10.1016/j.egy.2022.11.182>

Pharmacological significance of MitoQ in ameliorating mitochondria-related diseases

Sulaimon, Lateef Adegboyega; Afolabi, Lukman Olalekan; Adisa, Rahmat Adetutu; **Ayankojo, Akinrinade George**; Afolabi, Mariam Olanrewaju; Adewolu, Abiodun Mohammed; Wan, Xiaochun Advances in Redox Research 2022 / art. 100037 <https://doi.org/10.1016/j.arres.2022.100037>

Photoelectrochemical properties and band positions of Cd-substituted tetrahedrite Cu₁₀Cd₂Sb₄S₁₃ monograin materials grown in molten CdI₂ and LiI

Ghisani, Fairouz; Timmo, Kristi; **Altosaar, Mare**; Oueslati, Souhaib; **Pilvet, Maris**; **Kauk-Kuusik, Marit** Thin Solid Films 2022 / art. 139030 <https://doi.org/10.1016/j.tsf.2021.139030> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Photo-induced oxidation of ceftriaxone by persulfate in the presence of iron oxides

Balpreet Kaur; **Kuntus, Liina**; **Tikker, Priit**; **Kattel, Eneliis**; **Trapido, Marina**; **Dulova, Niina** Science of the total environment 2019 / p. 165–175 : ill <https://doi.org/10.1016/j.scitotenv.2019.04.277> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Physicochemical pre- and post-treatment of coking wastewater combined for energy recovery and reduced environmental risk

Li, Zemin; Wei, Tuo; Pan, Jiamin; Liang, Yitong; Ban, Zixin; Ke, Xiong; Kong, Qiaoping; Qiu, Guanglei; Hu, Yun; **Preis, Sergei**; Wei, Chaohai Journal of hazardous materials 2023 / art. 130802, 10 p. : ill <https://doi.org/10.1016/j.jhazmat.2023.130802>

Physicochemical, textural, and sensorial properties of fibrous meat analogs from oat-pea protein blends extruded at different moistures, temperatures, and screw speeds

Kaleda, Aleksei; Talvistu, Karel; **Vaikma, Helen**; **Tammik, Mari-Liis**; Rosenvald, Sirli; **Vilu, Raivo** Future foods 2021 / art. 100092, 8 p. : ill <https://doi.org/10.1016/j.fufo.2021.100092> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Phytomanagement of chromium contaminated brown fields

Kumar, Adarsh; **Usmani, Zeba**; Ahirwal, Jitendra; Tripti; Rani, Poonam Phytomanagement of polluted sites : Market opportunities in sustainable phytoremediation 2019 / p. 447-469 <https://doi.org/10.1016/B978-0-12-813912-7.00018-1>

Plant cell wall degrading enzymes in biomass bioprocessing to biorefineries: a review. Chapter 21

Srivastava, Shilpi; Sharma, Minaxi; **Usmani, Zeba**; **Dubey, Saijasi** Recent developments in bioenergy research 2020 / p. 415-432 <https://doi.org/10.1016/B978-0-12-819597-0.00022-2>

Plant extract mediated synthesis of nanoparticles : chapter 14

Küünal, Siim; **Rauwel, Protima**; **Rauwel, Erwan** Emerging applications of nanoparticles and architecture nanostructures : current prospects and future trends 2018 / p. 411–446 <https://doi.org/10.1016/B978-0-323-51254-1.00014-2>

Point defects interaction with extended defects and impurities and its influence on the Si-SiO₂ system properties

Kropman, Daniel; Arbu, Uno; Kärner, T.; Ugaste, Ülo; **Mellikov, Enn**; **Kauk, Marit**; Heinmaa, I.; **Samoson, Ago**; Medvid, A. Gettering and defect engineering in semiconductor technology. XI 2005 / p. 333-338 : ill

Policy incentives for flexible district heating in the Baltic countries

Møller Sneum, Daniel; Sandberg, Eli; **Koduvere, Hardi**; Olsen, Ole Jess; Blumberga, Dagnija Utilities policy 2018 / p. 61-72 : ill <https://doi.org/10.1016/j.jup.2018.02.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Porous materials for EMI shielding

Gupta, Nikhil; Singh, Ashish Kumar; Shishkin, Andrei; **Koppel, Tarmo** Materials for potential EMI shielding applications : processing, properties and current trends 2020 / p. 287-314 <https://www.elsevier.com/books/materials-for-potential-emi-shielding-applications/kuruvilla/978-0-12-817590-3> <https://doi.org/10.1016/B978-0-12-817590-3.00018-X>

Portable automated handheld sample collection-preparation instrument for airborne volatile substances

Bimbiraite-Surviliene, Kristina; Drevinskas, Tomas; Maruska, Audrius; Kornysova, Olga; **Gorbatšova, Jelena**; Ihara, Hirotaka; **Kaljurand, Mihkel** Microchemical journal 2020 / art. 105576 <https://doi.org/10.1016/j.microc.2020.105576> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Portable capillary electrophoresis as a green analytical technology

Kaljurand, Mihkel; Mazina-Šinkar, Jekaterina TrAC Trends in Analytical Chemistry 2022 / art. 116811 <https://doi.org/10.1016/j.trac.2022.116811> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Portable fully automated oral fluid extraction device for illegal drugs

Ružicka, Martin; Kaljurand, Mihkel; Gorbatšova, Jelena; Vaher, Merike; Mazina-Šinkar, Jekaterina Talanta 2022 / art. 123389 <https://doi.org/10.1016/j.talanta.2022.123389> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

POS-648 medicines intake influences accuracy of the uremic retention molecules' optical monitoring in spent dialysate : the case of uremic toxin uric acid and paracetamol

Paats, Joosep; Adoberg, Annika; Arund, Jürgen; Fridolin, Ivo; Holmar, Jana; Leis, Liisi; Pilt, Kristjan; Tanner, Risto; Uhlin, Nils Fredrik Arne; Luman, Merike Kidney International Reports 2022 / p. S277-S278 : ill <https://doi.org/10.1016/j.ekir.2022.01.681>

Potentiometric study of the chloride tolerance of trees

Hödrejäv, Helvi Ion-selective electrodes, 4 : fourth symposium held at Mátrafüred, Hungary, 8-12 October, 1984 1985 / p. 449-457 : ill https://www.estee.ee/record=b1831894*est

Power plant fuel consumption rate during load cycling

Nešumajev, Dmitri; Rummel, Leo; Konist, Alar; Ots, Arvo; Parve, Teet Applied energy 2018 / p. 124-135 : ill <https://doi.org/10.1016/j.apenergy.2018.04.063> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Predicting business failure after crowdfunding success : are platforms the unsung heroes?

Kukk, Mari-Liis Journal of Business Venturing Insights 2022 / art. e00308, 11 p. : ill <https://doi.org/10.1016/j.jbvi.2022.e00308> [Journal metrics at Scopus](#) [Article at Scopus](#)

Preparation and characterization of multilayer system consisting of the soluble and electrochemically synthesized polypyrrole films

Reut, Jekaterina; Reut, N.; Öpik, Andres International Conference on Science and Technology of Synthetic Metals : 15th to 21st of July 2000, Gastein, Austria : book of abstracts 2000 / p. 5-SunA109 https://www.researchgate.net/publication/243345790_Preparation_and_characterization_of_multilayer_Systems_consisting_of_the_soluble_and_electrochemically_synthesized_polypyrrole_films

Preparation and characterization of SbSeI thin films

Dolcet Sadurni, Marc; Timmo, Kristi; Mikli, Valdek; Volobujeva, Olga; Mengü, Idil; Krustok, Jüri; Grossberg-Kuusk, Maarja; Kauk-Kuusik, Marit Journal of science: Advanced materials and devices 2024 / art. 100664 <https://doi.org/10.1016/j.jsamd.2023.100664>

Pretreatment of plant feedstocks and agrofood waste using ionic liquids

Usmani, Zeba; Sharma, Minaxi; Karpichev, Yevgen; Gathergood, Nicholas; Bhat, Rajeev; Gupta, Vijai Kumar Recent developments in bioenergy research 2020 / p. 393-413 <https://doi.org/10.1016/B978-0-12-819597-0.00021-0>

The prevention from infection with COVID-19 of students in auditoriums through carbon dioxide measurements - an evidence from Estonian and Latvian high schools

Tint, Piia; Urbane, Valentina; Traumann, Ada; Järvis, Marina Safety and Health at Work 2022 / p. S137 <https://doi.org/10.1016/j.shaw.2021.12.1179>

Procedure for implementing new materials to the component additive method

Mäger, Katrin Nele; Just, Alar; Schmid, Joachim; Werther, Norman; Klippel, Michael; Brandon, Daniel; Frangi, Andrea Fire safety journal 2019 / p. 149-160 : ill <https://doi.org/10.1016/j.firesaf.2017.09.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Processing of Al-based composite material by selective laser melting: A perspective

Prashanth, Konda Gokuldoss Materials today: proceedings 2022 / p. 498-504 <https://doi.org/10.1016/j.matpr.2022.01.391> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Processing of lignocellulose in ionic liquids : a cleaner and sustainable approach

Qasim, Umair; Rafiq, Sikander; Jamil, Farrukh; Ahmed, Ashfaq; Ali, Touqeer; Kers, Jaan; Khurram, M. Shahzad; Hussain, Murid; Inayat, Abrar; Park, Young-Kwon Journal of cleaner production 2021 / art. 129189, 17 p. : ill <https://doi.org/10.1016/j.jclepro.2021.129189> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Professional football clubs and empirical evidence from the COVID-19 crisis : time for sport entrepreneurship?

Hammerschmidt, Jonas; **Durst, Susanne**; Kraus, Sascha; Puumalainen, Kaisu Technological forecasting and social change 2021 / art. 120572 <https://doi.org/10.1016/j.techfore.2021.120572> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Progress in additive manufacturing of MoS₂-based structures for energy storage applications – a review
Alinejadian, Navid; Kollo, Lauri; Odnevall Wallinder, Inger Materials science in semiconductor processing 2022 / 21 p. : ill <https://doi.org/10.1016/j.mssp.2021.106331> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Properties of Cu-Sb-Se thin films deposited by magnetron co-sputtering for solar cell applications
Penežko, Aleksei; Kauk-Kuusik, Marit; Volobujeva, Olga; Grossberg, Maarja Thin solid films 2021 / art. 139004 <https://doi.org/10.1016/j.tsf.2021.139004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Protocol choice and iteration for the free cornering
Nester, Chad Mitchell; Voorneveld, Niels Journal of logical and algebraic methods in programming 2024 / art. 100942, 30 p <https://doi.org/10.1016/j.jlamp.2023.100942>

Public participation in environmental assessments in the EU : a systematic search and qualitative synthesis of empirical scientific literature
Suškevičs, Monika; Ehrlich, Triin; Peterson, Kaja; Hiimäe, Olavi; Sepp, Kalev Environmental impact assessment review 2023 / art. 106944, 17 p. : ill <https://doi.org/10.1016/j.eiar.2022.106944>

Pulse electrodeposited zinc sulfide as an eco-friendly buffer layer for the cadmium-free thin-film solar cells
Boosagulla, Divya; Mandati, Sreekanth; Misra, Prashant; Allikayala, Ramachandraiah; Sarada, Bulusu V. Superlattices and microstructures 2021 / art. 107060 <https://doi.org/10.1016/j.spmi.2021.107060>

Pyrite as promising monograin layer solar cell absorber material for in-situ solar cell fabrication on the Moon
Kristmann, Katriin; Raadik, Taavi; Altosaar, Mare; Grossberg-Kuusk, Maarja; Krustok, Jüri; Pilvet, Maris; Mikli, Valdek; Kauk-Kuusik, Marit; Makaya, Advenit Acta Astronautica 2022 / P. 420-424 <https://doi.org/10.1016/j.actaastro.2022.07.043> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Pyrite as prospective absorber material for monograin layer solar cell
Kristmann, Katriin; Altosaar, Mare; Raudoja, Jaan; Krustok, Jüri; Pilvet, Maris; Mikli, Valdek; Grossberg, Maarja; Danilson, Mati; Raadik, Taavi Thin Solid Films 2022 / art. 139068 : ill <https://doi.org/10.1016/j.tsf.2021.139068> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A qualitative study of the challenges in rearranging community pharmacy service provision during the COVID-19 public health emergency : the prism of social practice theory
Lubi, Kadi; Sepp, Kristiina; Rass, Hedvig; Roostar, Kristiine; **Volmer, Daisy** Public Health in Practice 2021 / art. 100212 : ill <https://doi.org/10.1016/j.puhip.2021.100212> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Quotients and atoms of reversible languages
Tamm, Hellis Theoretical Computer Science 2022 / p. 33-45 <https://doi.org/10.1016/j.tcs.2022.02.023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Radiative recombination pathways in ordered and disordered CZTSe microcrystals
Mengü, Idil; Krustok, Jüri; Kaupmees, Reelika; Mikli, Valdek; Kauk-Kuusik, Marit; Grossberg-Kuusk, Maarja Materials chemistry and physics 2023 / art. 127685 <https://doi.org/10.1016/j.matchemphys.2023.127685>

Rapid and sensitive capillary electrophoresis method for the analysis of Ecstasy in an oral fluid
Saar-Reismaa, Piret; Tretjakova, Anastassia; Mazina-Šinkar, Jekaterina; Vaher, Merike; Kaljurand, Mihkel; Kulp, Maria Talanta 2019 / p. 390-396 : ill <https://doi.org/10.1016/j.talanta.2019.01.029> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Rapid assessment of photovoltaic activity of perovskite solar cells by photoluminescence spectroscopy
Dileep, K. Reshma; Mandati, Sreekanth; Ramasamy, Easwaramoorthi; Mallick, S; Rao, Tata Naransinga; **Veerappan, Ganapathy** Materials letters 2021 / art. 130056, 4 p. : ill <https://doi.org/10.1016/j.matlet.2021.130056>

Rational design of highly efficient flexible and transparent p-type composite electrode based on single-walled carbon nanotubes
Rajanna, Pramod M.; Meddeb, Hosni; Bereznev, Sergei; Volobujeva, Olga; Danilson, Mati Nano energy 2020 / art. 104183, 9 p. : ill <https://doi.org/10.1016/j.nanoen.2019.104183> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Re-addressing the biosafety issues of plant growth promoting rhizobacteria
Keswani, Chetan; Prakash, Om; Bharti, Nidhi; Vilchez, Juan I.; Sansinenea, Estibaliz; Lally, Richard D.; Borriss, Rainer; Singh, Surya P.; Gupta, Vijai Kumar; Fraceto, Leonardo F. Science of the total environment 2019 / p. 841-852 : ill <https://doi.org/10.1016/j.scitotenv.2019.07.046> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Realisation of energy performance targets of an old apartment building renovated to nZEB

Hamburg, Anti; Kuusk, Kalle; Mikola, Alo; Kalamees, Targo Energy 2020 / art. 116874, 10 p. : ill

<https://doi.org/10.1016/j.energy.2019.116874> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Realistic dynamic topography through coupling geoid and hydrodynamic models of the Baltic Sea

Jahanmard, Vahidreza; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu Continental shelf research 2021 / art. 104421

<https://doi.org/10.1016/j.csr.2021.104421> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Realization of time-delay systems

Kaldmäe, Arvo; Kotta, Ülle Automatica 2018 / p. 317-320 <https://doi.org/10.1016/j.automatica.2018.01.001> [Journal metrics at Scopus](#)

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

Reconstruction of the geological history of the Lithuanian Maritime Region from MIS 6 to MIS 3

Bitinas, Albertas; Molodkov, Anatoli; Damušyte, Aldona; Grigienė, Alma; Satkunas, Jonas; Šeiriene, Vaida; Šlaureris, Arturas

Quaternary international 2022 / p. 4-20 <https://doi.org/10.1016/j.quaint.2021.05.014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Redox zonation and organic matter oxidation in palaeogroundwater of glacial origin from the Baltic Artesian Basin

Pärn, Joonas; Affolter, Stephane; Ivask, Jüri; Kirsimäe, Kalle; Martma, Tõnu; Raidla, Valle; Vaikmäe, Rein Chemical geology

2018 / p. 149-161 : ill <https://doi.org/10.1016/j.chemgeo.2018.04.027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reducing mining footprint by matching haul fleet demand and route-oriented tire types

Pascual, Rodrigo; Roman, M.; Hitch, Michael William Journal of cleaner production 2019 / p. 645-651

<https://doi.org/10.1016/j.jclepro.2019.04.069> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reduction-based engineering of three-dimensional morphology of Ni-rGO nanocomposite

Alinejadian, Navid; Nasirpour, Farzad; Yus, Joaquin; Ferrari, Begona Materials Science and Engineering : B 2021 / art. 115259

<https://doi.org/10.1016/j.mseb.2021.115259> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A refined late-Cryogenian - Ediacaran earth history of South China: Phosphorous-rich marbles of the Dabie and Sulu orogens

Prave, Anthony R.; Meng, Fanwei; Lepland, Aivo; Kirsimäe, Kalle; Kreitsmann, Timmu; Jiang, Clancy Zhijian Precambrian research

2018 / p. 166-176 : ill <https://doi.org/10.1016/j.precamres.2017.11.022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Regulation of podosome formation in aortic endothelial cells vessels by physiological extracellular cues

Alonso, Florian; Spuul, Pirjo; Decossas, Marion European journal of cell biology 2020 / art. 151084, 13 p. : ill

<https://doi.org/10.1016/j.ejcb.2020.151084>

Relations between metal ion characteristics and adsorption performance of graphene oxide: A comprehensive experimental and theoretical study

Kong, Qiaoping; Preis, Sergei; Li, Leli; Luo, Pei; Wei, Cong; Li, Zemin; Hu, Yun; Wei, Chaohai Separation and purification

technology 2020 / art. 115956 ; 8 p. : ill <https://doi.org/10.1016/j.seppur.2019.115956> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reliability analysis of battery energy storage system for various stationary applications

Bakeer, Abualkasim Ahmed Ali; Chub, Andrii; Shen, Yanfeng; Sangwongwanit, Ariya Journal of energy storage 2022 / art.

104217 <https://doi.org/10.1016/j.est.2022.104217> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Removal of phosphonates from synthetic and industrial wastewater with reusable magnetic adsorbent particles

Rott, Eduard; Nouri, Mohammad; Meyer, Carsten; Minke, Ralf; Schneider, Michael; Mandel, Karl; Ivanova Drenkova-Tuhtan, Asya

Water research 2018 / p. 608-617 <https://doi.org/10.1016/j.watres.2018.08.067> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Removing the oxide layer in a nanostructured aluminum alloy by local shear deformation between nanoscale phases

Wang, Zhi; Prashanth, Konda Gokuldoss; Zhang, W.W. Powder technology 2019 / p. 733-737 : ill

<https://doi.org/10.1016/j.powtec.2018.11.093> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Research roadmap for designing a virtual competence assistant for the European labor market

Liutkevicius, Markko; Ben Yahia, Sadok Procedia computer science 2022 / p. 2404-2413 <https://doi.org/10.1016/j.procs.2022.09.299>

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

Residential energy flexibility characterization using non-intrusive load monitoring

Azizi, Elnaz; Ahmadihangar, Roya; Rosin, Argo; Martins, Joao; Lopes, Rui Amaral; Beheshti, M. TH.; Bolouki, Sadegh

Sustainable cities and society 2021 / art. 103321, 12 p. : ill <https://doi.org/10.1016/j.scs.2021.103321> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Resiliency oriented control of a smart microgrid with photovoltaic modules

Mishra, Sambeet; Peterson, Kristjan; Hilimon, Tauno; Šuvalova, Jelena; Wen, Fushuan; Palu, Ivo Global Energy Interconnection 2021 / p. 441-452 <https://doi.org/10.1016/j.gloe.2021.11.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Resolution decision procedures

Fermüller, Christian G.; Hustadt, Ullrich; Leitsch, Alexander; **Tammet, Tanel** Handbook of automated reasoning. Vol. 2 2001 / p. 1791-1849

Resonant and Z-source multilevel inverters

Husev, Oleksandr; Roncero-Clemente, Carlos Multilevel inverters : introduction and emergent topologies 2021 / p. 217-257 <https://doi.org/10.1016/B978-0-12-821668-2.00014-3>

Respiratory infection risk-based ventilation design method

Kurnitski, Jarek; Kiil, Martin; Wargocki, Pawel; Boerstra, Atze; Seppänen, Olli; Olesen, Bjarne; Morawska, Lidia Building and environment 2021 / art. 108387, 11 p. : ill <https://doi.org/10.1016/j.buildenv.2021.108387> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Responsible sourcing for energy transitions : discussing academic narratives of responsible sourcing through the lens of natural resources justice

Kügerl, Marie-Theres; **Hitch, Michael William**; Gugerell, Katharina Journal of environmental management 2023 / p. 116711, 15 p. : ill <https://doi.org/10.1016/j.jenvman.2022.116711>

Retrieval of directional power spectral density and wave parameters from airborne LiDAR point cloud

Jahanmard, Vahidreza; Varbla, Sander; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu Ocean engineering 2022 / art. 112694 <https://doi.org/10.1016/j.oceaneng.2022.112694> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reverse solar envelope method. A new building form-finding method that can take regulatory frameworks into account

De Luca, Francesco; Dogan, Timur; **Sepulveda Luque, Abel** Automation in construction 2021 / art. 103518, 18 p. : ill <https://doi.org/10.1016/j.autcon.2020.103518> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A review of demand side flexibility potential in Northern Europe

Söder, Lennart; Lund, Peter D.; **Koduvere, Hardi**; Folsland Bolkesjø, Torjus Renewable and Sustainable Energy Reviews 2018 / p. 654-664 : ill <https://doi.org/10.1016/j.rser.2018.03.104> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A review of low-temperature sub-networks in existing district heating networks : examples, conditions, replicability

Puschnigg, Stefan; Jauschnik, Gabriela; Moser, Simon; **Volkova, Anna**; Linhart, Matthias Energy Reports 2021 / p. 18-26 : ill <https://doi.org/10.1016/j.egyr.2021.09.044> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A review of optimal control methods for energy storage systems - energy trading, energy balancing and electric vehicles

Machlev, Ram; Zargari, Noa; Chowdhury, N; **Belikov, Juri**; Levron, Yoash Journal of energy storage 2020 / art. 101787, 16 p <https://doi.org/10.1016/j.est.2020.101787> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A review of porous lightweight composite materials for electromagnetic interference shielding

Singh, Ashish Kumar; Shishkin, Andrei; **Koppel, Tarmo**; Gupta, Nikhil Composites Part B : Engineering 2018 / p. 188-197 : ille <https://doi.org/10.1016/j.compositesb.2018.05.027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Review of the extraction of key metallic values from black shales in relation to their geological and mineralogical properties

Vind, Johannes; **Tamm, Kadriann** Minerals Engineering 2021 / art. 107271 <https://doi.org/10.1016/j.mineng.2021.107271> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Revisiting the vibrational spectrum of formic acid anhydride

Myllys, Nanna; Osadchuk, Irina; Lundell, Jan Journal of molecular structure 2024 / art. 137643 <https://doi.org/10.1016/j.molstruc.2024.137643>

A robust pathological voices recognition system based on DCNN and scattering transform

Souli, Sameh; Amam, Rimah; **Ben Yahia, Sadok** Applied acoustics 2021 / art. 107854 : ill <https://doi.org/10.1016/j.apacoust.2020.107854> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Robust stabilization criteria of a general form of fractional-order controllers for interval fractional-order plants with complex uncertain parameters

Ghorbani, Majid ISA transactions 2022 / p. 140-151 : ill <https://doi.org/10.1016/j.isatra.2022.02.014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Role of A-site (Sr), B-site (Y), and A, B sites (Sr, Y) substitution in lead-free BaTiO₃ ceramic compounds : structural, optical, microstructure, mechanical, and thermal conductivity properties

Tihtih, Mohammed; Ibrahim, Jamal Eldin F. M.; Basyooni, Mohamed A.; Kurovics, Emese; Belaid, Walid; **Hussainova, Irina; Kocserha, Istvan** Ceramics international 2023 / p. 1947-1959 <https://doi.org/10.1016/j.ceramint.2022.09.160>

Role of impinging powder particles on melt pool hydrodynamics, thermal behaviour and microstructure in laser-assisted DED process : A particle-scale DEM – CFD – CA approach

Aggarwal, Akash; Chouhan, Arvind; Patel, Sushil; **Prashanth, Konda Gokuldoss** International journal of heat and mass transfer 2020 / art. 119989, 19 p. : ill <https://doi.org/10.1016/j.ijheatmasstransfer.2020.119989> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Role of laser remelting and heat treatment in mechanical and tribological properties of selective laser melted Ti6Al4V alloy

Karimi, Javad; Antonov, Maksim; Kollo, Lauri; Prashanth, Konda Gokuldoss Journal of alloys and compounds 2022 / art. 163207 <https://doi.org/10.1016/j.jallcom.2021.163207> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The role of paradigms and technical strategies for implementation of the circular economy in the polymer and composite recycling industries

Hussain, Abrar; Podgurski, Vitali; Viljus, Mart; Awan, Muhammad Rizwan Advanced Industrial and Engineering Polymer Research 2023 / p. 1-12 <https://doi.org/10.1016/j.aiepr.2022.10.001>

Routes to develop a [S]/([S]+[Se]) gradient in wide band-gap Cu₂ZnGe(S,Se)₄ thin-film solar cells

Ruiz-Perona, Andrea; Gurieva, Galina; Sun, Michael; Kodalle, Tim; Sanchez, Yudania; **Grossberg, Maarja;** Merino, Jose Manuel; Schorr, Susan; Leon, Maximo; Caballero, Raquel Journal of alloys and compounds 2021 / art. 159253, 9 p. : ill <https://doi.org/10.1016/j.jallcom.2021.159253> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Safeguarding the final frontier: Analyzing the legal and technical challenges to mega-constellations

Jha, Devanshu; Manti, N. P.; **Carlo, Antonio;** Zarkan, L. C.; Breda, Paola; Jha, A. Journal of space safety engineering 2022 / p. 636-643 <https://doi.org/10.1016/j.jsse.2022.08.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Sandy beach evolution in the low-energy microtidal Baltic Sea : attribution of changes to hydrometeorological forcing

Eelsalu, Maris; Parnell, Kevin Ellis; Soomere, Tarmo Geomorphology 2022 / art. 108383 <https://doi.org/10.1016/j.geomorph.2022.108383> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sb₂S₃ thin films by ultrasonic spray pyrolysis of antimony ethyl xanthate

Eensalu, Jako Siim; Tõnsuaadu, Kaia; Oja Acik, Ilona; Krunks, Malle Materials science in semiconductor processing 2022 / art. 106209 : ill <https://doi.org/10.1016/j.mssp.2021.106209> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

School-level policies and the efficiency and equity trade-off in education

Ferraro, Simona; Pöder, Kaire Journal of policy modeling 2018 / 16 p. : ill <https://doi.org/10.1016/j.jpolmod.2017.11.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Screening and optimization of processing temperature for Sb₂Se₃ thin film growth protocol : interrelation between grain structure, interface intermixing and solar cell performance

Spalatu, Nicolae; Krautmann, Robert; Katerski, Atanas; Kärber, Erki; Josepson, Raavo; Hiie, Jaan; Oja Acik, Ilona; Krunks, Malle Solar energy materials and solar cells 2021 / art. 111045, 13 p. : ill <https://doi.org/10.1016/j.solmat.2021.111045> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sea buckthorn and its new fields of use

Lõugas, Tiina; Veskus, Tiina; Martverk, Kaie; Täht, Riina; Rada, Kersti; **Vokk, Raivo** INTRADFOOD2005 : Innovations in Traditional Foods : Valencia, 25 to 28 October 2005 : congress proceedings. Volume 1 2005 / p. 719-722 : ill

Sea-buckthorn and its new fields of use

Lõugas, Tiina; Veskus, Tiina; Martverk, Kaie; Täht, Riina; Rada, Kersti; **Vokk, Raivo** INTRADFOOD2005 : Innovations in Traditional Foods : delegate manual : 25-28 October, 2005, Valencia, Spain 2005 / p. P3.37

Seakeeping of double-stepped planing hulls

Bilandi, Rasul Niazmand; Tavakoli, Sasan; **Dashtimanesh, Abbas** Ocean engineering 2021 / art. 109475, 23 p. : ill <https://doi.org/10.1016/j.oceaneng.2021.109475> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Selection of optimum biological treatment for coking wastewater using analytic hierarchy process

Wei, Cong; Wei, Jingyue; Kong, Qiaoping; Fan, Dan; Qiu, Guanglei; Feng, Chunhua; Li, Fusheng; **Preis, Sergei** The science of the

total environment 2020 / art. 140400 ; 12 p. : ill <https://doi.org/10.1016/j.scitotenv.2020.140400> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Selective C-alkylation of substituted naphthols under non-aqueous conditions

Kooli, Anni; Shalima, Tatsiana; Lopusanskaja, Eleana; Paju, Anne; Lopp, Margus Tetrahedron 2021 / art. 132278, 8 p. : ill <https://doi.org/10.1016/j.tet.2021.132278> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Selective laser melted Ti6Al4V split-P TPMS lattices for bone tissue engineering

Rezapourianghahfarokhi, Mansoureh; Jasiuk, Iwona; Saarna, Mart; Hussainova, Irina International journal of mechanical sciences 2023 / art. 108353 <https://doi.org/10.1016/j.ijmecsci.2023.108353>

Selective laser melting of Cu-Ni-Sn : a comprehensive study on the microstructure, mechanical properties, and deformation behavior

Zhao, Chao; Wang, Zhi; Li, Daoxi; Kollo, Lauri; Luo, Zongqiang; Zhang, Weiwen; Prashanth, Konda Gokuldoss International journal of plasticity 2021 / art. 102926 <https://doi.org/10.1016/j.iplas.2021.102926> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Selective laser melting of high-strength, low-modulus Ti–35Nb–7Zr–5Ta alloy

Ummethala, Raghunandan; Karamched, Phani S.; Rathinavelu, Sokkalingam; Singh, Neera; Aggarwal, Akash; Sun, Kang; Ivanov, Eugene; Kollo, Lauri; Okulov, Ilya; Eckert, Jürgen; Prashanth, Konda Gokuldoss Materialia 2020 / art. 100941 <https://doi.org/10.1016/j.mtla.2020.100941> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Selective laser melting of Inconel 718 : effect of thermal treatment on mechanical properties

Mohanty, Shalini; Maurya, Himanshu Singh; Prashanth, Konda Gokuldoss Materials today: proceedings 2023 / 5 p. : ill <https://doi.org/10.1016/j.matpr.2023.03.164>

Selective laser melting of in-situ CoCrFeMnNi high entropy alloy : effect of remelting

Karimi, Javad; Kollo, Lauri; Rahmani Ahranjani, Ramin; Ma, Pan; Jia, Yandong; Prashanth, Konda Gokuldoss Journal of Manufacturing Processes 2022 / p. 55-63 <https://doi.org/10.1016/j.jmapro.2022.09.056> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Selective laser melting of Ti6Al4V : effect of laser re-melting

Karimi, Javad; Suryanarayana, Challapalli; Okulov, Ilya; Prashanth, Konda Gokuldoss Materials Science and Engineering : A 2021 / art. 140558 <https://doi.org/10.1016/j.msea.2020.140558> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Selective laser melting of TiB2-Ti composite with high content of ceramic phase

Liu, Le; Minasyan, Tatevik; Ivanov, Roman; Aydinyan, Sofiya; Hussainova, Irina Ceramics international 2020 / p. 21128-21135 <https://doi.org/10.1016/j.ceramint.2020.05.189> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Selective laser sintered bio-inspired silicon-wollastonite scaffolds for bone tissue engineering

Kamboj, Nikhil Kumar; Kazantseva, Jekaterina; Rahmani Ahranjani, Ramin; Rodriguez, Miguel Angel; Hussainova, Irina Materials Science and Engineering : C 2020 / art. 111223 <https://doi.org/10.1016/j.msec.2020.111223>

Self-learning model predictive control for dynamic activation of structural thermal mass in residential buildings

Wolisz, Henryk; Kull, Tuule Mall; Müller, Dirk; Kurnitski, Jarek Energy and buildings 2020 / art. 109542, 21 p. : ill <https://doi.org/10.1016/j.enbuild.2019.109542> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Self-lubricating materials for extreme temperature tribo-applications

Kumar, Rahul, 1993-; Antonov, Maksim Materials today: proceedings 2021 / p. 4583-4589 <https://doi.org/10.1016/j.matpr.2020.10.824> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Sensory characteristics and chemical analysis of birch sap drinks fermented with different starter cultures

Kuldjärv, Rain; Rosenvald, Sirli 12th Pangborn Sensory Science Symposium : 20-24 August 2017, Rhode Island Convention Center, Providence, Rhode Island, USA 2017 / p. [P2.1.49]

Sequence to sequence hybrid Bi-LSTM model for traffic speed prediction

Ounoughi, Chahinez; Ben Yahia, Sadok Expert systems with applications 2024 / art. 121325 <https://doi.org/10.1016/j.eswa.2023.121325>

Shipborne nutrient dynamics and impact on the eutrophication in the Baltic Sea

Raudsepp, Urmas; Maljutenko, Ilja; Kõuts, Mariliis; Granhag, Lena Science of the total environment 2019 / p. 189-207 : ill <https://doi.org/10.1016/j.scitotenv.2019.03.264> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Shungite-derived graphene as a carbon support for bifunctional oxygen electrocatalysts

Kazimova, Nargiz; Ping, Kefeng; Alam, Mahboob; Danilson, Mati; Merisalu, Maido; Aruväli, Jaan; Paiste, Päärn; Käärik, Maike;

Mikli, Valdek; Leis, Jaan; Tammeveski, Kaido; **Starkov, Pavel**; Kongi, Nadežda Journal of catalysis 2021 / p. 178–187
<https://doi.org/10.1016/j.jcat.2021.01.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Silurian records of carbon and sulfur cycling from Estonia : The importance of depositional environment on isotopic trends

Richardson, Jocelyn A.; Keating, Colin; **Lepland, Aivo**; **Hints, Olle** Earth and planetary science letters 2019 / p. 71-82 : ill
<https://doi.org/10.1016/j.epsl.2019.01.055> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Simple multispectral imaging approach for determining the transfer of explosive residues in consecutive fingerprints

Lees, Heidi; Zapata, Félix; **Vaher, Merike**; García-Ruiz, Carmen Talanta 2018 / p. 437-445 : ill
<https://doi.org/10.1016/j.talanta.2018.02.079> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sintering of silicon carbide obtained by combustion synthesis

Amirkhanyan, Narine; Kirakosyan, Hasmik; Zakaryan, Marieta; Zurnachyan, Alina; Rodriguez, Miguel Angel; Abovyan, L.; **Aydinyan, Sofiya** Ceramics international 2023 / p. 26129-26134 <https://doi.org/10.1016/j.ceramint.2023.04.233>

Size, density and small scale elections : A multi-level analysis of voter turnout in sub-municipal governments

Tavares, Antonio; **Raudla, Ringa** Electoral studies 2018 / p. 1-13 : ill <https://doi.org/10.1016/j.electstud.2018.09.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A six-DOF theoretical model for steady turning maneuver of a planing hull

Tavakoli, Sasan; **Dashtimanesh, Abbas** Ocean engineering 2019 / art. 106328, 17 p. : ill
<https://doi.org/10.1016/j.oceaneng.2019.106328> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Slamming loads and responses on a non-prismatic stiffened aluminium wedge : Part II. Numerical simulations

Hosseinzadeh, Saeed; **Tabri, Kristjan**; Topa, Ameen; Hirdaris, Spyros Ocean engineering 2023 / art. 114309, 20 p. : ill
<https://doi.org/10.1016/j.oceaneng.2023.114309>

Slamming loads and responses on a non-prismatic stiffened aluminium wedge: Part I. Experimental study

Hosseinzadeh, Saeed; **Tabri, Kristjan**; Hirdaris, Spyros; Sahk, Tarmo Ocean engineering 2023 / art. 114510, 19 p. : ill
<https://doi.org/10.1016/j.oceaneng.2023.114510>

Sliding wear performance of in-situ spark plasma sintered Ti-TiBw composites at temperatures up to 900 °C

Kumar, Rahul, 1993-; **Antonov, Maksim**; **Liu, Lei**; **Hussainova, Irina** Wear 2021 / art. 203663, 9 p.: ill
<https://doi.org/10.1016/j.wear.2021.203663> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Slow adoption of EVs under a weak policy regime: Future scenarios of EVs development and diffusion in Iran

Fartash, Kiarash; Ghorbani, Amir; **Bagheri, Mohammadhossein** Futures 2023 / art. 103196
<https://doi.org/10.1016/j.futures.2023.103196>

Small cornulitids from the Upper Ordovician (Katian) of Estonia

Vinn, Olev; Wilson, Mark A.; Madison, Anna; **Toom, Ursula** Palaeoworld 2023 / 8 p. : ill <https://doi.org/10.1016/j.palwor.2022.12.005>
[Journal metrics at Scopus](#) [Article at Scopus](#)

Small low-temperature district heating network development prospects

Volkova, Anna; **Krupenski, Igor**; Pieper, Henrik; Ledvanov, Aleksandr; **Latšov, Eduard**; **Siirde, Andres** Energy 2019 / p. 714-722 <https://doi.org/10.1016/j.energy.2019.04.083> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Smart systems of innovation for smart places : Challenges in deploying digital platforms for co-creation and data-intelligence

Panori, Anastasia; Kakderi, Christina; Komninos, Nicos; Fellnhöfer, Katharina; Reid, Alasdair; **Mora, Luca** Land use policy 2021 / art. 104631, 9 p <https://doi.org/10.1016/j.landusepol.2020.104631>

Snowmelt, glacial and atmospheric sources of mercury to a subarctic mountain lake catchment, Yukon, Canada

Zdanowicz, C.; Karlsson, P.; Beckholmen, I.; Roach, P.; **Martma, Tõnu** Geochimica et cosmochimica acta 2018 / p. 374–393 : ill
<https://doi.org/10.1016/j.gca.2018.06.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

So, what is (of) value?

Kasabov, Edward Journal of rural studies 2021 / 10 p <https://doi.org/10.1016/j.jrurstud.2021.02.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sobemovirus

Meier, Merike; **Olsper, Allan**; **Sarmiento Guerin, Maria Cecilia**; **Truve, Erkki** Encyclopedia of virology, Third edition 2008 / p. 644-652 : ill

Socio-economic impacts of large-scale deep energy retrofits in Finnish apartment buildings

Hirvonen, Janne; Saari, Arto; **Jokisalo, Juha**; Kosonen, Risto Journal of cleaner production 2022 / art. 133187, 19 p. : ill
<https://doi.org/10.1016/j.jclepro.2022.133187> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Soil microbial biomass : a key soil driver in management of ecosystem functioning

Singh, Jay Shankar; **Gupta, Vijay Kumar** Science of the total environment 2018 / p. 497-500 : ill
<https://doi.org/10.1016/j.scitotenv.2018.03.373> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Solar radiation-based method for early design stages to balance daylight and thermal comfort in office buildings

Sepulveda Luque, Abel; **Seyed Salehi, Seyed Shahabaldin**; De Luca, Francesco; **Thalfeldt, Martin** Frontiers of architectural research 2023 <https://doi.org/10.1016/j.foar.2023.07.001>

Solid particle erosion of refractories : A critical discussion of two test standards

Varga, Markus; **Antonov, Maksim**; Tumma, Mike Wear 2019 / p. 552–561 : ill <https://doi.org/10.1016/j.wear.2018.12.062> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Solidification of Al-xCu alloy under high pressures

Liu, Xiao; Ma, Pan; Jia, Yandong; **Prashanth, Konda Gokuldoss** Journal of materials research and technology 2020 / p. 2983-2991 : ill <https://doi.org/10.1016/j.jmrt.2020.01.049> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Solid-phase recrystallization of ZnS ceramics in phase transition region

Lott, Kalju; Ananjeva, G.; Gorokhova, Elena II-VI Compounds 1999 : proceedings of the Ninth International Conference on II-VI Compounds : Kyoto, Japan, 1-5 November 1999 2000 / p. 894-898 : ill

Solitons modelled by Boussinesq-type equations

Engelbrecht, Jüri; **Peets, Tanel**; **Tamm, Kert** Mechanics research communications 2018 / p. 62-65
<https://doi.org/10.1016/j.mechrescom.2017.05.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Solubilization of polycyclic aromatic hydrocarbons (PAHs) with phenol in coking wastewater treatment system: Interaction and engineering significance

Kong, Qiaoping; Wu, Haizhen; Liu, Lei; **Preis, Sergei** Science of the total environment 2018 / p. 467-473 : ill
<https://doi.org/10.1016/j.scitotenv.2018.02.077> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sonolytic degradation of pesticide metazachlor in water : The role of dissolved oxygen and ferric sludge in the process intensification

Kask, Maarja; **Kritševskaja, Marina**; **Bolobajev, Juri** Journal of environmental chemical engineering 2019 / art. 103095, 7 p. : ill
<https://doi.org/10.1016/j.jece.2019.103095> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A sophisticated modeling approach for photovoltaic systems in load frequency control

Bakeer, Abualkasim Ahmed Ali; Magdy, Gaber; **Chub, Andrii**; Bevrani, Hassan International journal of electrical power and energy systems 2022 / art. 107330, 12 p. : ill <https://doi.org/10.1016/j.ijepes.2021.107330> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spark plasma sintering of 13Ni-400 maraging steel: Enhancement of mechanical properties through surface modification

Patil, Viraj Vishwas; **Prashanth, Konda Gokuldoss**; Mohanty, Chinmaya P. Journal of alloys and compounds 2023 / art. 170734 : ill
<https://doi.org/10.1016/j.jallcom.2023.170734>

Spark plasma sintering of molybdenum silicides synthesized from oxide precursors

Ovali, Didem; Tarraste, Marek; Kaba, Mertcan; Agaogullari, Duygu; **Kollo, Lauri**; **Prashanth, Konda Gokuldoss**; Lütfti Övecoglu, M. Ceramics international 2021 / p. 13827-13836 : ill <https://doi.org/10.1016/j.ceramint.2021.01.248> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spark plasma sintering of Ti6Al4V metal matrix composites: Microstructure, mechanical and corrosion properties

Singh, Neera; Ummethala, Raghunandan; Karamched, Phani S.; Sokkalingam, Rathinavelu; Gopal, Vasanth; Manivasagam, G.; **Prashanth, Konda Gokuldoss** Journal of alloys and compounds 2021 / art. 158875, 10 p. : ill
<https://doi.org/10.1016/j.jallcom.2021.158875> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spatial preferences of Iberian barbel in a vertical slot fishway under variable hydrodynamic scenarios

Fuentes-Pérez, Juan Francisco; Eckert, Mario; **Tuhtan, Jeffrey Andrew**; Ferreira, Maria Teresa; **Kruusmaa, Maarja**; Branco, Paulo Ecological engineering 2018 / p. 131-142 : ill <https://doi.org/10.1016/j.ecoleng.2018.10.014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spatiotemporal assessment of humic substance-rich stream and shallow karst aquifer interactions in a boreal catchment of northern Estonia

Koiti, Oliver; Barbera, Juan Antonio; Marandi, Andres; Terasmaa, Jaanus; Kiivit, Iiti-Kärt; **Martma, Tõnu** Journal of hydrology 2020 / art. 124238, 18 p. : ill <https://doi.org/10.1016/j.jhydrol.2019.124238> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Specific energy modeling of abrasive cut off operation based on sliding, plowing, and cutting

Awan, Muhammad Rizwan; Gonzalez-Rojas, Hernan Alberto; Perat Benavides, Jose I.; Hameed, Saqib; **Hussain, Abrar**; Sanchez Egea, Antonio J. Journal of materials research and technology 2022 / p. 3302-3310 <https://doi.org/10.1016/j.jmrt.2022.03.185> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spinel to disorder rock-salt structural transition on (111) nickel ferrite thin films tailored by Ni content

Prieto, P.; Serrano, Aida; **Rojas Hernandez, Rocio Estefania**; Gorgojo, S.; Prieto, Jose Emilio; Soriano, L. Journal of alloys and compounds 2022 / art. 164905 <https://doi.org/10.1016/j.jallcom.2022.164905> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Starter culture growth dynamics and sensory properties of fermented oat drink

Kütt, Mary-Liis; Orgusaar, Kaisa; Stulova, Irina; Priidik, Reimo; **Pismennõi, Dmitri**; **Vaikma, Helen**; Kallastu, Aili; Zhogoleva, Aleksandra; Morell, Indrek; Kriščiunaite, Tiina Heliyon 2023 / art. e15627 <https://doi.org/10.1016/j.heliyon.2023.e15627>

State feedback linearization of nonlinear control systems on homogeneous time scales

Bartosiewicz, Zbigniew; **Belikov, Juri**; **Kotta, Ülle**; Wyrwas, Małgorzata Nonlinear analysis: hybrid systems 2019 / p. 69-85 <https://doi.org/10.1016/j.nahs.2018.08.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

State of the art of additively manufactured electromagnetic materials for topology optimized electrical machines

Tiismus, Hans; Kallaste, Ants; Vaimann, Toomas; **Rassõlkin, Anton** Additive manufacturing 2022 / art. 102778, 19 p. : ill <https://doi.org/10.1016/j.addma.2022.102778> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Strategies to advance the dream of integrated digital public service delivery in inter-organizational collaboration networks

Wouters, Stijn; Janssen, Marijn; **Lember, Veiko**; Cromptvoets, Joep Government information quarterly 2023 / art. 101779, 14 p <https://doi.org/10.1016/j.giq.2022.101779>

Striped texture of submesoscale fields in the northeastern Baltic Proper : results of very high-resolution modelling for summer season

Zhubas, Victor; **Väli, Germa**; Kuzmina, Natalia Oceanologia 2022 / p. 1-21 : ill <https://doi.org/10.1016/j.oceano.2021.08.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Structure and function of microbial community associated with phenol co-substrate in degradation of benzo[a]pyrene in coking wastewater

Wu, Haizhen; Wang, Ming; Zhu, Shuang; **Preis, Sergei** Chemosphere 2019 / p. 128-138 : ill <https://doi.org/10.1016/j.chemosphere.2019.04.117> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Structure preserving reduced attitude control of gyroscopes

Raj, Nidhish; Colombo, Leonardo J.; **Simha, Ashutosh** Automatica 2021 / art. 109471, 7 p. : ill <https://doi.org/10.1016/j.automatica.2020.109471> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Study of (AgxCu_{1-x})₂ZnSn(S,Se)₄ monograins synthesized by molten salt method for solar cell applications

Oueslati, Souhaib; **Kauk-Kuusik, Marit**; Neubauer, Christian; **Mikli, Valdek**; **Meissner, Dieter**; Brammertz, Guy; Vermang, B.; **Krustok, Jüri**; **Grossberg, Maarja** Solar energy 2020 / p. 586-595 <https://doi.org/10.1016/j.solener.2020.02.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Study of the optical properties of Sb₂(Se_{1-x}S_x)₃ (x = 0-1) solid solutions

Uslu, Mehmet Ender; Kondrotas, Rokas; Nedzinskas, Ramunas; **Volobujeva, Olga**; **Timmo, Kristi**; **Kauk-Kuusik, Marit**; **Krustok, Jüri**; **Grossberg, Maarja** Materials science in semiconductor processing 2022 / art. 106571 <https://doi.org/10.1016/j.mssp.2022.106571> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Study of the structure and optoelectronic properties of Cu₂Ge(SexS_{1-x})₃ microcrystalline powders

Li, Xiaofeng; **Timmo, Kristi**; **Grossberg, Maarja**; **Pilvet, Maris**; **Kaupmees, Reelika**; **Krustok, Jüri**; **Muska, Katri**; **Mikli, Valdek**; **Kauk-Kuusik, Marit** Thin solid films 2022 / art. 139053, 6 p. : ill <https://doi.org/10.1016/j.tsf.2021.139053> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Submesoscale processes in the surface layer of the central Baltic Sea: A high-resolution modelling study

Väli, Germa; Meier, H.E. Markus; **Liblik, Taavi**; Radtke, Hagen; Klingbeil, Knut; Gräwe, Ulf; **Lips, Urmas** Oceanologia 2024 / p. 78-90 <https://doi.org/10.1016/j.oceano.2023.11.002>

Sulfamethizole-imprinted polymer on screen-printed electrodes: Towards the design of a portable environmental sensor

Ayankojo, Akinrinade George; Reut, Jekaterina; **Õpik, Andres**; **Sõritski, Vitali** Sensors and actuators B. Chemical 2020 / art. 128600, 9 p. : ill <https://doi.org/10.1016/j.snb.2020.128600> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Super resolution perception for smart meter data

Liu, Guolong; Gu, Jinjin; Zhao, Junhua; Wen, Fushuan; Liang, Gaoqi Information sciences 2020 / p. 263-273 : ill <https://doi.org/10.1016/j.ins.2020.03.088>

Superhard B4C-ReB2 composite by SPS of microwave synthesized nanopowders

Mnatsakanyan, R.; Davtyan, D.; Minasyan, Tatevik; Aydinyan, Sofiya; Hussainova, Irina Materials letters 2021 / art. 129163, 5 p. : ill <https://doi.org/10.1016/j.matlet.2020.129163> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Surface fatigue processes at impact wear of powder materials

Kulu, Priit; Veinthal, Renno; Saarna, Mart; Tarbe, Riho WOM : 16th International Conference on Wear of Materials : Montreal, Quebec, Canada, April 15-19, 2007 : delegate manual 2007 / p. 17D.1 <https://www.sciencedirect.com/science/article/pii/S0043164807003894>

Surface vessel localization from wake measurements using an array of pressure sensors in the littoral zone

Rätsep, Margus; Parnell, Kevin Ellis; Soomere, Tarmo; Kruusmaa, Maarja; Ristolainen, Asko; Tuhtan, Jeffrey Andrew Ocean engineering 2021 / art. 109156 <https://doi.org/10.1016/j.oceaneng.2021.109156> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A survey on AI and decision support systems in psychiatry – Uncovering a dilemma

Bertl, Markus; Ross, Peeter; Draheim, Dirk Expert Systems with Applications 2022 / art. 117464, 14 p. : ill <https://doi.org/10.1016/j.eswa.2022.117464> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A survey on artificial intelligence approaches in supporting frontline workers and decision makers for the COVID-19 pandemic

Rasheed, Jawad; Jamil, Akhtar; Draheim, Dirk Chaos, solitons & fractals 2020 / art. 110337, 17 p <https://doi.org/10.1016/j.chaos.2020.110337> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Sustainable Built Environment Tallinn and Helsinki Conference 2016 (SBE16) : Build Green and Renovate Deep : Tallinn, Estonia and Helsinki, Finland, 5-7 October 2016
2016

Sustainable conditions for the development of renewable energy systems : a triple bottom line perspective

Lerman, Laura Visintainer; Benitez, Guilherme Brittes; Gerstlberger, Wolfgang Dieter; Rodrigues, Vinicius Picanço; Frank, Alejandro G. Sustainable cities and society 2021 / art. 103362, 11 p. : ill <https://doi.org/10.1016/j.scs.2021.103362> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Sustainable fabrication of polypropylene-postconsumer cotton composite materials : circularity, characterization, mechanical testing, and tribology

Hussain, Abrar; Podgurski, Vitali; Goljandin, Dmitri; Antonov, Maksim; Viljus, Mart; Krasnou, Illia Materials today sustainability 2023 / art. 100344, 16 p. : ill <https://doi.org/10.1016/j.mtsust.2023.100344>

Swarm-intelligence algorithms for mining numerical association rules : an exhaustive multi-aspect analysis of performance assessment data

Kaushik, Minakshi; Kõiva, Pilleriin; Sharma, Rahul; Fister, Iztok jr.; Draheim, Dirk SSRN 2023 / 37 p <https://ssrn.com/abstract=4399331>

Synthesis of Ni@SiO2 and Co@SiO2 nanomagnets after formation of NiO and Co2O3 nanoparticles at low temperatures using CaH2

Volokhova, Maria; Boldin, Aleksei; Link, Joosep; Tsujimoto, Masahiko; Stern, Raivo; Seinberg, Liis Journal of materials research and technology 2022 / p. 988-992 : ill <https://doi.org/10.1016/j.jmrt.2021.12.042> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

System model of the Sulaymaniyah Appellate Court e-court system

Ahmed, Rozha Kamal; Reitsakas, Aleksander; Muhammed, Khder H.; Saeed, Soran AB.; Pappel, Ingrid; Draheim, Dirk SSRN 2022 / 107 p <https://doi.org/10.2139/ssrn.4180966>

Systematic AI support for decision-making in the healthcare sector : obstacles and success factors

Bertl, Markus; Ross, Peeter; Draheim, Dirk Health policy and technology 2023 / art. 100748, 8 p. : ill <https://doi.org/10.1016/j.hlpt.2023.100748>

Zero valent boron activated ozonation for ultra-fast degradation of organic pollutants : atomic orbital matching, oxygen spillover and intra-electron transfer

Zhang, Fengzhen; Kong, Qiaoping; Preis, Sergei The chemical engineering journal 2022 / art. 134674 <https://doi.org/10.1016/j.cej.2022.134674> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

ZnO/NiO heterostructures with enhanced photocatalytic activity obtained by ultrasonic spraying of a NiO shell onto ZnO nanorods

Chen, Zengjun; Dedova, Tatjana; Spalatu, Nicolae; Maticiuc, Natalia; Rusu, Marin; Katerski, Atanas; Oja Acik, Ilona; Unold,

Thomas; **Krunk, Malle** Colloids and surfaces A : physicochemical and engineering aspects 2022 / art. 129366
<https://doi.org/10.1016/j.colsurfa.2022.129366> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Zonal modeling of air distribution impact on the long-range airborne transmission risk of SARS-CoV-2

Aganovic, Amar; Cao, Guangyu; **Kurnitski, Jarek**; Melikov, Arsen Kriko; Wargocki, Pawel Applied mathematical modelling 2022 / p. 800-821 <https://doi.org/10.1016/j.apm.2022.08.027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

ZrC+TiC synergically reinforced metal matrix composites with micro/nanoscale reinforcements prepared by laser powder bed fusion

Xi, Lixia; Feng, Lili; Gu, Dongdong; Wang, Ruiqi; Sarac, Baran; **Prashanth, Konda Gokuldoss**; Eckert, Jürgen Journal of materials research and technology 2022 / p. 4645-4657 <https://doi.org/10.1016/j.jmrt.2022.06.149> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A tabulated sizing method for the early stage design of geothermal energy piles including thermal storage

Ferrantelli, Andrea; Fadejev, Jevgeni; **Kurnitski, Jarek** Energy and buildings 2020 / art. 110178
<https://doi.org/10.1016/j.enbuild.2020.110178> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tall buildings cluster form rationalization in a Nordic climate by factoring in indoor-outdoor comfort and energy

De Luca, Francesco; Naboni, Emanuele; Lobaccaro, Gabriele Energy and buildings 2021 / art. 110831, 16 p. : ill
<https://doi.org/10.1016/j.enbuild.2021.110831> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Teachers' mindset and attitudes towards learners and learning environment to support students' entrepreneurial attitudes in universities

Toding, Martin; Mädamürk, Karl; **Venesaar, Urve**; Malleus, Elina The international journal of management education 2023 / art. 100769, 10 p <https://doi.org/10.1016/j.ijme.2023.100769>

Techno-economic analysis and energy forecasting study of domestic and commercial photovoltaic system installations in Estonia

Shabbir, Noman; Kütt, Lauri; **Raja, Hadi Ashraf**; Jawad, Muhammad; Allik, Alo; **Husev, Oleksandr** Energy 2022 / art. 124156
<https://doi.org/10.1016/j.energy.2022.124156> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Techno-economic assessment of CO2 capture possibilities for oil shale power plants

Saia, Artjom; Nešumajev, Dmitri; **Hazak, Aaro**; Sander, Priit; **Järvik, Oliver**; **Konist, Alar** Renewable and sustainable energy reviews 2022 / art. 112938, 11 p. : ill <https://doi.org/10.1016/j.rser.2022.112938> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Temperature dependent optical and electrical characterization of SnS/CdS solar cell

Raadik, Taavi; **Spalatu, Nicolae**; **Krustok, Jüri**; **Josepson, Raavo**; **Grossberg, Maarja** Thin Solid Films 2022 / art. 139069
<https://doi.org/10.1016/j.tsf.2021.139069> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Temperature-dependent conductivity of polyparaphenylene/polypyrrole multilayer structures

Golovtsov, Igor; **Öpik, Andres** International Conference on Science and Technology of Synthetic Metals : 15th to 21st of July 2000, Gastein, Austria : book of abstracts 2000 / p. 58-MonH102

Testing scenarios for using telepresence robots in healthcare settings

Leoste, Janika; Strömberg-Järvis, Kadri; **Robal, Tarmo**; **Marmor, Kristel**; **Kangur, Katrin**; Rebane, Anne-Mari Computational and structural biotechnology journal 2024 / p. 105-114 <https://doi.org/10.1016/j.csbj.2024.01.004>

Testing strategy for laboratory monitoring of Hemophilia A patients treated with Emicizumab

Pikta, Marika; Saks, Kadri; Ross, Mariken; Banyas, Valdas Clinica chimica acta 2022 / p. S186-S186
<https://doi.org/10.1016/j.cca.2022.04.750>

Texture dependent strain hardening in additively manufactured stainless steel 316L

Kumar, Deepak; Shankar, Gyan; **Prashanth, Konda Gokuldoss**; Suwas, Satyam Materials Science and Engineering: A 2021 / art. 141483 <https://doi.org/10.1016/j.msea.2021.141483> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

TG-MS analysis and kinetic study of co-combustion of ca-rich oil shale with biomass in air and oxy-like conditions

Baqain, Mais Hanna Suleiman; Nešumajev, Dmitri; **Konist, Alar** Carbon capture science & technology 2024 / art. 100162
<https://doi.org/10.1016/j.ccst.2023.100162>

The disposition effect, performance, stop loss orders and education

Talpsepp, Tõnn; **Vaarmets, Tarvo** Journal of behavioral and experimental finance 2019 / art. 100240, 6 p. : ill
<https://doi.org/10.1016/j.jbef.2019.100240> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The double-edged role of firm environmental behaviour in the creation of product innovation in Central and Eastern European countries

Prokop, Viktor; **Gerstlberger, Wolfgang Dieter**; Zapletal, David; Kotkova Striteska, Michaela Journal of cleaner production 2022 / art. 129989 <https://doi.org/10.1016/J.JCLEPRO.2021.129989> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The effect of birch (Betula pendula Roth) face veneer thickness on the reaction to fire properties of fire-retardant treated plywood

Alao, Percy Festus; Dembovski, Karl Harold; Rohumaa, Anti; Ruponen, Jussi; **Kers, Jaan** Construction and building materials 2024 / art. 136242 <https://doi.org/10.1016/j.conbuildmat.2024.136242>

The effect of flanking element length in thermal bridge calculation and possible simplifications to account for combined thermal bridges in well insulated building envelopes

Hallik, Jaanus; Kalamees, Targo Energy and buildings 2021 / art. 111397 <https://doi.org/10.1016/j.enbuild.2021.111397> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The effect of laser fluences on the structural and optoelectronic properties of Zn(O,Se) films

Abdalla, Akram; Kärber, Erki; Mikli, Valdek; Bereznev, Sergei Materials science in semiconductor processing 2021 / art. 105429, 5 p. : ill <https://doi.org/10.1016/j.mssp.2020.105429> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The effect of low stress triaxialities and deformation paths on ductile fracture simulations of large shell structures

Körgesaar, Mihkel Marine structures 2019 / p. 45-64 : ill <https://doi.org/10.1016/j.marstruc.2018.08.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The effect of microstructure evolution on the wear behavior of tantalum processed by Indirect Extrusion Angular Pressing

Omranpour Shahreza, Babak; Huot, Jacques; **Antonov, Maksim; Kommel, Lembit; Sergejev, Fjodor**; Perez Trujillo, Francisco Javier; Heczal, Anita; Gubicza, Jeno International journal of refractory metals and hard materials 2023 / art. 106079, 11 p. : ill <https://doi.org/10.1016/j.ijrmhm.2022.106079>

The effect of S/Se ratio on the properties of Cu₂CdGe(SxSe_{1-x})₄ microcrystalline powders for photovoltaic applications

Li, Xiaofeng; Pilvet, Maris; Timmo, Kristi; Grossberg, Maarja; Mikli, Valdek; Kauk-Kuusik, Marit Solar energy 2020 / p. 646-652 : ill <https://doi.org/10.1016/j.solener.2020.09.045> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The effect of spray rails, chine strips and V-shaped spray interceptors on the performance of low planing high-speed craft in calm water

Lakatoš, Mikloš; Sahnk, Tarmo; Andreasson, Henrik; **Tabri, Kristjan** Applied Ocean Research 2022 / art. 103131 <https://doi.org/10.1016/j.apor.2022.103131> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The effects of conventional and unconventional monetary policy on house prices in the Scandinavian countries

Rosenberg, Signe Journal of housing economics 2019 / art. 101659, 17 p. : ill <https://doi.org/10.1016/j.jhe.2019.101659> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The essential competencies of software professionals : a unified competence framework

Assyne, Nana; **Ghanbari, Hadi**; Pulkkinen, Mirja Information and software technology 2022 / art. 107020, 20 p. : ill <https://doi.org/10.1016/j.infsof.2022.107020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The IgG-degrading enzyme of Streptococcus pyogenes causes rapid clearance of anti-glomerular basement membrane antibodies in patients with refractory anti-glomerular basement membrane disease

Soveri, Inga; Molne, Johan; **Uhlen, Nils Fredrik Arne**; Nilsson, Thomas; Kjellman, Christian; Sonesson, Elisabeth; Segelmark, Marten Kidney International 2019 / p. 1234-1238 <https://doi.org/10.1016/j.kint.2019.06.019> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The impact of safety and reliability requirements on the specification of control systems

Mötus, Leo Postprints of IFAC Workshop on Safety, Reliability and Applications of Emerging Intelligent Control Technologies, 12-14 December, Hong Kong, 1994 1994 / p. 88-96

The influence of fluid structure interaction modelling on the dynamic response of ships subject to collision and grounding

Kim, Sang Jin; **Körgesaar, Mihkel**; Ahmadi, Nima; Taimuri, Ghalib; Kujala, Pentti; Hirdaris, Spyros Marine structures 2021 / art. 102875, 17 p. : ill <https://doi.org/10.1016/j.marstruc.2020.102875> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The ISSC 2022 committee III.1-Ultimate strength benchmark study on the ultimate limit state analysis of a stiffened plate structure subjected to uniaxial compressive loads

Ringsberg, Jonas W.; Darie, Ionel; Nahshon, Ken; Shilling, Gillian; **Tabri, Kristjan** Marine structures 2021 / art. 103026, 25 p. : ill <https://doi.org/10.1016/j.marstruc.2021.103026> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The journal of logic and algebraic programming

2010 https://www.ester.ee/record=b1200932*est

The license to mine : making resource wealth work for those who need it most

Hagan, Andrew J.; Tost, Michael; Inderwildi, Oliver R.; **Hitch, Michael William**; Moser, Peter Resources policy 2021 / art. 101418
<https://doi.org/10.1016/j.resourpol.2019.101418> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The People's bank of China's response to the coronavirus pandemic: A quantitative assessment

Funke, Michael; **Tsang, Andrew** Economic modelling 2020 / p. 465-473 <https://doi.org/10.1016/j.econmod.2020.08.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The predictive power of power-laws : an empirical time-arrow based investigation

Andria, Joseph; Tollo, Giacomo di; **Kalda, Jaan** Chaos, solitons & fractals 2022 / art. 112425
<https://doi.org/10.1016/j.chaos.2022.112425> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The record of early Silurian climate changes from South China and Baltica based on integrated conodont biostratigraphy and isotope chemostratigraphy

Yan, Guanzhou; Lehnert, Oliver; **Männik, Peep**; Calner, Mikael; Luan, Xiacong; Gong, Fang-Yi; Li, Lixia; Wei, Xin; Wang, Guang-Xu; Zhan, Renbin; Wua, Rongchang Palaeogeography, palaeoclimatology, palaeoecology 2022 / art. 111245, 16 p. : ill
<https://doi.org/10.1016/j.palaeo.2022.111245> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The relationship between self and other in aggressive driving and driver behaviors across countries

Ersan, Özlem; Üzümcüoğlu, Yeşim; Azık, Derya; **Pashkevich, Anton**; **Pashkevich, Maria** Transportation research part F: traffic psychology and behaviour 2019 / p. 122-138 <https://doi.org/10.1016/j.trf.2019.08.020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The role of brand community identification and reward on consumer brand engagement and brand loyalty in virtual brand communities

Kaur, Harsandaldeep; Paruthi, Mandakini; Islam, Jamid Ul; **Hollebeek, Linda Desiree** Telematics and informatics 2020 / art. 101321, 11 p. : ill <https://doi.org/10.1016/j.tele.2019.101321> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The role of cross-border power transmission in a renewable-rich power system - A model analysis for Northwestern Europe

Chen, Yi-Kuang; **Koduvere, Hardi**; Gunkel, Philipp A. Journal of environmental management 2020 / art. 110194, 8 p. : ill
<https://doi.org/10.1016/j.jenvman.2020.110194> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The role of storage degradation in energy management problems: an optimal control perspective

Chowdhury, Nilanjan Roy; **Belikov, Juri**; Beck, Yuval; Levron, Yoash; Baimel, Dmitry Journal of Energy Storage 2023 / art. 107412, 10 p <https://doi.org/10.1016/j.est.2023.107412>

The state of research on software engineering competencies : a systematic mapping study

Assyne, Nana; **Ghanbari, Hadi**; Pulkkinen, Mirja Journal of systems and software 2022 / art. 111183, 18 p. : ill
<https://doi.org/10.1016/j.jss.2021.111183> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The structure of algebraic solitons and compactons in the generalized Korteweg–de Vries equation

Pelinovsky, Efim; Talipova, Tatyana; **Soomere, Tarmo** Physica D : Nonlinear Phenomena 2021 / art. 132785, 7 p. : ill
<https://doi.org/10.1016/j.physd.2020.132785> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The technique is never neutral. How methodological choices condition the generation of narratives for sustainability

Saltelli, Andrea; Benini, Lorenzo; Funtowicz, Silvio; Giampietro, Mario; Kaiser, Matthias; **Reinert, Erik S.**; van der Sluijs, Jeroen P. Environmental science & policy 2020 / p. 87-98 <https://doi.org/10.1016/j.envsci.2020.01.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Threat modeling of cyber-physical systems - a case study of a microgrid system

Khalil, Shaymaa Mamdouh; **Bahsi, Hayretin**; **Dola, Henry Ochieng**; **Korötko, Tarmo**; McLaughlin, Kieran; **Kotkas, Vahur** Computers & Security 2023 / art. 102950, 16 p. : ill <https://doi.org/10.1016/j.cose.2022.102950>

Three-dimensional Co/Ni bimetallic organic frameworks for high-efficient catalytic ozonation of atrazine: Mechanism, effect parameters, and degradation pathways analysis

Ye, Guojie; Luo, Pei; Zhao, Yasi; Qiu, Guanglei; Hu, Yun; **Preis, Sergei**; Wei, Chaohai Chemosphere 2020 / art. 126767, 12 p
<https://doi.org/10.1016/j.chemosphere.2020.126767> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

3D modelling of non-uniform and turbulent flow in vertical slot fishways

Fuentes-Pérez, Juan Francisco; Silva, A.T.; **Tuhtan, Jeffrey Andrew**; Garcia-Vega, Ana; Carbonell Baeza, Ruth; Musall, Mark;

Kruusmaa, Maarja Environmental modelling & software 2018 / p. 156-169 : ill <https://doi.org/10.1016/j.envsoft.2017.09.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Thymidine rescues ATR kinase inhibitor-induced deoxyuridine contamination in genomic DNA, cell death, and interferon- α/β expression

Sugitani, Norie; Vendetti, Frank P.; Cipriano, Andrew J.; Pandya, Pinakin; Deppas, Joshua J.; **Moiseeva, Tatiana**; Schamus-Haynes, Sandra; Wang, Yiyang; Palmer, Drake; Osmanbeyoglu, Hatice U. The Cell Reports 2022 / art. 111371
<https://doi.org/10.1016/j.celrep.2022.111371> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Time-effective synthesis of rhombohedral CuAlO₂ from mesoporous alumina substrate

Saffarshamshirgar, Ali; **Aghayan, Marina**; Tripathi, Tripurari S.; Karppinen, Maarit; Gasik, Michael; **Hussainova, Irina** Materials & design 2018 / p. 48-55 : ill <https://doi.org/10.1016/j.matdes.2018.03.031> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Timing and drivers of local to regional scale land-cover changes in the hemiboreal forest zone during the Holocene : a pollen-based study from South Estonia

Poska, Anneli; Väli, Vivika; **Vassiljev, Jüri**; **Alliksaar, Tiit**; **Saarse, Leili** Quaternary Science Reviews 2022 / art. 107351
<https://doi.org/10.1016/j.quascirev.2021.107351> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

"Tough Guy" vs. "Cushion" hypothesis: How does individualism affect risk-taking?

Illiashenko, Pavlo Journal of behavioral and experimental finance 2019 / art. 100212, 11 p. : tab
<https://doi.org/10.1016/j.jbef.2019.04.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Toward automatic condition assessment of high-voltage transmission infrastructure using deep learning techniques

Manninen, Henri; Ramlal, Craig J.; Singh, Arvind; Rocke, Sean; **Kilter, Jako**; **Landsberg, Mart** International journal of electrical power & energy systems 2021 / art. 106726 <https://doi.org/10.1016/j.ijepes.2020.106726> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Towards realistic dynamic topography from coast to offshore by incorporating hydrodynamic and geoid models

Jahanmard, Vahidreza; **Delpeche-Ellmann, Nicole Camille**; **Ellmann, Artu** Ocean modelling 2022 / art. 102124
<https://doi.org/10.1016/j.ocemod.2022.102124> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Towards SDN-based smart contract solution for IoT access control

Khalid, Mizna; Hameed, Sufian; Qadir, Abdul; Shah, Syed Attique; **Draheim, Dirk** Computer communications 2023 / p. 1-31
<https://doi.org/10.1016/j.comcom.2022.11.007>

Towards user-centered and legally relevant smart-contract development : a systematic literature review

Dixit, Abhishek; **Deval, Vipin**; **Dwivedi, Vimal Kumar**; **Draheim, Dirk** Journal of Industrial Information Integration 2022 / art. 100314 ; 18 p <https://doi.org/10.1016/j.jii.2021.100314> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Toxicity profiling of 24 L-phenylalanine derived ionic liquids based on pyridinium, imidazolium and cholinium cations and varying alkyl chains using rapid screening Vibrio fischeri bioassay

Kusumahastuti, Dewi Kurnianingsih Arum; Sihtmäe, Mariliis; **Kapitanov, Illia**; **Karpichev, Yevgen**; **Gathergood, Nicholas**; Kahru, Anne Ecotoxicology and environmental safety 2019 / p. 556-565 : ill <https://doi.org/10.1016/j.ecoenv.2018.12.076> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tracing sustainable production from a degrowth and localisation perspective : a case of 3D printers

Priavolou, Christina; Troullaki, Katerina; **Tsiouris, Nikiforos**; **Giotitsas, Christos**; **Kostakis, Vasileios** Journal of cleaner production 2022 / art. 134291 <https://doi.org/10.1016/j.jclepro.2022.134291> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tracking areas with increased likelihood of surface particle aggregation in the Gulf of Finland : a first look at persistent Lagrangian Coherent Structures (LCS)

Giudici, Andrea; Suara, Kabir Adewale; **Soomere, Tarmo**; Brown, Richard J. Journal of marine systems 2021 / art. 103514, 8 p. : ill., map <https://doi.org/10.1016/j.jmarsys.2021.103514> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Trade deficits as development deficits : Case of Ethiopia

Rekiso, Zinabu Samaro Structural Change and Economic Dynamics 2020 / p. 344-353 : ill
<https://doi.org/10.1016/j.strueco.2019.12.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Transition metal-containing nitrogen-doped nanocarbon catalysts derived from 5-methylresorcinol for anion exchange membrane fuel cell application

Kisand, Kaarel; Sarapuu, Ave; Danilian, Dmytro; Kikas, Arvo; Kisand, Vambola; Rähn, Mihkel; Treshchalov, Alexey; Käärik, Maike; Merisalu, Maido; **Paiste, Päärn** Journal of colloid and interface science 2021 / p. 263-274 <https://doi.org/10.1016/j.jcis.2020.09.114>

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

Transition towards university campus carbon neutrality by connecting to city district heating network

Hiltunen, Pauli; Volkova, Anna; Latšov, Eduard; Lepiksaar, Kertu; Syri, Sanna Energy reports 2022 / p. 9493-9505

<https://doi.org/10.1016/j.egyr.2022.07.055> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tremor-related feature engineering for machine learning based Parkinson's disease diagnostics

Valla, Elli; Nömm, Sven; Medijainen, Kadri; Taba, Pille; Toomela, Aaro Biomedical signal processing and control 2022 / art. 103551

<https://doi.org/10.1016/j.bspc.2022.103551> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Triangulated factorization systems and t-structures

Loregian, Fosco; Virili, Simone Journal of algebra 2020 / p. 219-241 <https://doi.org/10.1016/j.jalgebra.2019.12.021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Tribological behavior of Ni-based self-lubricating claddings containing sulfide of nickel, copper, or bismuth at temperatures up to 600 °C

Kumar, Rahul, 1993-; Torres, Hector; Aydinyan, Sofiya; Antonov, Maksim; Varga, Markus; Hussainova, Irina; Rodrlguez Ripoll, Manel Surface and coatings technology 2023 / art. 129270, 14 p. : ill <https://doi.org/10.1016/j.surfcoat.2023.129270>

<https://doi.org/10.1016/j.surfcoat.2023.129270>

Tribological properties of selective laser melted Al12Si alloy

Rathod, H.J.; Nagaraju, T.; Prashanth, Konda Gokuldoss; Ramamurty, U. Tribology international 2019 / p. 94-101 : ill

<https://doi.org/10.1016/j.triboint.2019.04.038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

2-cm versus 4-cm surgical excision margins for primary cutaneous melanoma thicker than 2 mm: long-term follow-up of a multicentre, randomised trial

Utjes, Deborah; Malmstedt, Jonas; Teras, Jüri; Drzewiecki, Krzysztof; Gullestad, Hans Petter; Ingvar, Christian; Eriksson, Hanna; Gillgren, Peter The Lancet 2019 / p. 471-477 [https://doi.org/10.1016/S0140-6736\(19\)31132-8](https://doi.org/10.1016/S0140-6736(19)31132-8) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

[https://doi.org/10.1016/S0140-6736\(19\)31132-8](https://doi.org/10.1016/S0140-6736(19)31132-8) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Two pollen-based methods of Eemian climate reconstruction employed in the study of the Żabieniec-Jagodne palaeolakes in central Poland

Pidek, Irena Agnieszka; Poska, Anneli; Hrynowiecka, Anna; Brzozowicz, Dorota; Żarski, Marcin Quaternary International 2022 / p. 21-35 <https://doi.org/10.1016/j.quaint.2021.09.014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

<https://doi.org/10.1016/j.quaint.2021.09.014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Two-dimensional CuIn1-xGaxSe2 nano-flakes by pulse electrodeposition for photovoltaic applications

Mandati, Sreekanth; Dey, Suhash R.; Joshi, Shrikant V.; Sarada, Bulusu V. Solar energy 2019 / p. 396-404

<https://doi.org/10.1016/j.solener.2019.02.022>

A two-layer elastic strip under transverse impact loading : analytical solution, finite element, and finite volume simulations

Adámek, V.; Berezovski, Arkadi; Mračko, Michal; Kolman, Radek Mathematics and computers in simulation 2021 / p. 126-140

<https://doi.org/10.1016/j.matcom.2020.10.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ultimate strength assessment of stiffened panel under uni-axial compression with non-linear equivalent single layer approach

Putranto, Teguh; Körgesaar, Mihkel; Jelovica, Jasmin; Tabri, Kristjan; Naar, Hendrik Marine structures 2021 / art. 103004, 17 p. : ill <https://doi.org/10.1016/j.marstruc.2021.103004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

<https://doi.org/10.1016/j.marstruc.2021.103004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ultimate strength assessment of stiffened panels using Equivalent Single Layer approach under combined in-plane compression and shear

Putranto, Teguh; Körgesaar, Mihkel; Jelovica, Jasmin Thin-Walled Structures 2022 / art. 109943

<https://doi.org/10.1016/j.tws.2022.109943> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ultrasonic imaging of irregularly shaped notches based on elastic reverse time migration

Rao, Jing; Saini, Abhishek; Yang, Jizhong; Ratassepp, Madis; Fan, Zheng NDT&E international 2019 / art. 102135, 5 p. : ill

<https://doi.org/10.1016/j.ndteint.2019.102135> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Unpacking algorithms as technologies of power : Syrian refugees and data experts on algorithmic governance

Kasapoglu, Tayfun; Masso, Anu; Calzati, Stefano Digital Geography and Society 2021 / art. 100016

<https://doi.org/10.1016/j.diggeo.2021.100016> [Journal metrics at Scopus](#) [Article at Scopus](#)

Untranslated regions of brain-derived neurotrophic factor (Bdnf) mRNA control its translatability and subcellular localization

Lekk, Ingrid; Cabrera-Cabrera, Florencia; Turconi, Giorgio; Tuvikene, Jürgen; Esvald, Eli-Eelika; Rähni, Annika; Casserly, Laoise; Garton, Daniel R.; Andressoo, Jaan-Olle; Timmusk, Tõnis; Koppel, Indrek The journal of biological chemistry 2023 / art. 102897 <https://doi.org/10.1016/j.jbc.2023.102897>

<https://doi.org/10.1016/j.jbc.2023.102897>

Up-conversion enhancement in Er³⁺ / Yb³⁺ doped 1-D microcavity based on alternating aluminosilicate glass and titania sol-gel layers

Rojas Hernandez, Rocio Estefania; Santos, Luis F.; Almeida, Rui M. Ceramics international 2020 / p. 26273-26281

<https://doi.org/10.1016/j.ceramint.2019.12.248> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Use of a newly-developed portable capillary electrophoresis analyser to detect drugs of abuse in oral fluid: A case study

Saar-Reismaa, Piret; Brilla, Chelsa-Ann; Leiman, Kristiina; Kaljurand, Mihkel; Vaher, Merike; Kulp, Maria; Mazina-Šinkar, Jekaterina Talanta 2020 / art. 120662, 9 p <https://doi.org/10.1016/j.talanta.2019.120662> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

Use of hydrogen and AI as an opportunities to increase energy autarky and create business more sustainable

Krzos, G.; Piwoni-Krzeszowska, E.; Kowalski, J.; Prause, Gunnar Klaus Procedia computer science 2023 / p. 3276-3285

<https://doi.org/10.1016/j.procs.2023.10.321>

User-friendly analysis of droplet array images

Sanka, Immanuel; Bartkova, Simona; Pata, Pille; Ernits, Mart; Meinberg, Monika Merje; Agu, Natali; Aruoja, Villem; Smolander, Olli-Pekka; Scheler, Ott Analytica chimica acta 2023 / art. 341397 <https://doi.org/10.1016/j.aca.2023.341397>

Uses of the digital twins concept for energy services, intelligent recommendation systems, and demand side management: A review

Onile, Abiodun Emmanuel; Machlev, Ram; Petlenkov, Eduard; Levron, Yoash; Belikov, Juri Energy reports 2021 / p. 997–1015

<https://doi.org/10.1016/j.egyr.2021.01.090> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Using common household thermal storages to support the PV- and battery system in nearly zero energy buildings in off-grid mode

Häring, Tobias; Rosin, Argo; Biechl, Helmuth Sustainable energy technologies and assessments 2019 / p. 12-24 : ill

<https://doi.org/10.1016/j.seta.2019.05.014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Using helium-4, tritium, carbon-14 and other hydrogeochemical evidence to evaluate the groundwater age distribution : the case of the Neogene aquifer, Belgium

Casillas-Trasvina, Alberto; Rogiers, Bart; Beerten, Koen; Pärn, Joonas; Wouters, Laurent; Walraevens, Kristine Journal of hydrology X 2022 / art. 100132, 19 p. : ill <https://doi.org/10.1016/j.hydroa.2022.100132> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Using Lagrangian coherent structures to investigate upwelling and physical process in the Gladstone coastal region

Ghosh, Anusmriti; Suara, Kabir Adewale; Soomere, Tarmo; Brown, Richard J. Journal of marine systems 2022 / art. 103731

<https://doi.org/10.1016/j.jmarsys.2022.103731> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Utilization of pyrolytic wastewater in oil shale fired CFBC boiler

Konist, Alar; Järvik, Oliver; Pikkor, Heliis; Nešumajev, Dmitri; Pihu, Tõnu Journal of cleaner production 2019 / p. 487-493 : ill

<https://doi.org/10.1016/j.jclepro.2019.06.213> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Utilizing Continuous Time Markov Chain for analyzing video-on-demand streaming in multimedia systems

Ghosh, Debjani; Pandey, Mayank; Gautam, Chakrapani; Vidyarthi, Ankit; Sharma, Rahul; Draheim, Dirk Expert Systems with Applications 2023 / art. 119857, 24 p.: ill <https://doi.org/10.1016/j.eswa.2023.119857>

UV-Assisted chemical oxidation of antihypertensive Losartan in water

Balpreet Kaur; Dulova, Niina Journal of environmental management 2020 / art. 110170, 9 p. : ill

<https://doi.org/10.1016/j.jenvman.2020.110170> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Valorization of seabuckthorn pomace to obtain bioactive carotenoids: An innovative approach of using green extraction techniques (ultrasonic and microwave-assisted extractions) synergized with green solvents (edible oils)

Sharma, Minaxi; Hussain, Shehzad; Shalima, Tatsiana; Aav, Riina; Bhat, Rajeev Industrial Crops and Products 2022 / art. 114257

<https://doi.org/10.1016/j.indcrop.2021.114257> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Vapour pressure data for 2-n-propylresorcinol, 4-ethylresorcinol and 4-hexylresorcinol near their normal boiling points measured by differential scanning calorimetry

Astra, Hanna-Liina; Oja, Vahur The journal of chemical thermodynamics 2019 / p. 119-126 : ill <https://doi.org/10.1016/j.jct.2019.03.008>

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

Water sorption behaviour of commercial furcellaran

Eha, Kairit; Kaleda, Aleksei; Menert, Anne; Laos, Katrin Heliyon 2022 / 10 p. : ill <https://doi.org/10.1016/j.heliyon.2022.e11056> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Wear behaviour and wear mechanisms of different hardmetal grades in comparison with polycrystalline diamond in a new impact-abrasion test

Konyashin, I.; **Antonov, Maksim**; Ries, B. International journal of refractory metals and hard materials 2020 / art. 105286
<https://doi.org/10.1016/j.jirmhm.2020.105286> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Wear behaviour of Cr3C2-Ni cermet reinforced hardfacings

Bendikiene, Regita; Ciuplys, Antanas; Sertvytis, Rolandas; **Surženkov, Andrei**; Tkachivskyi, Dmytro; Viljus, Mart; Traksmas, Rainer; **Antonov, Maksim**; Kulu, Priit Journal of materials research and technology 2020 / p. 7068-7078 : ill
<https://doi.org/10.1016/j.jmrt.2020.05.042> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Weather dependency of corona losses on 330 kV overhead transmission lines

Gupta, Pradeep Kumar; Tuttelberg, Kaur; Kilter, Jako International journal of electrical power & energy systems 2024 / art. 109537 <https://doi.org/10.1016/j.ijepes.2023.109537>

Verifying cache architecture vulnerabilities using a formal security verification flow

Ghasempouri, Tara; Raik, Jaan; Paul, Kolin; Reinbrecht, Cezar; Hamdioui, Said; Taouil, Mottaqiallah Microelectronics reliability 2021 / art. 114085 <https://doi.org/10.1016/j.microrel.2021.114085> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Versatile graphene-alumina nanofibers for microwave absorption and EMI shielding

Saffar Shamshirgar, Ali; Alvarez, Maria Fernandez; Del Campo, Adolfo; Fernandez, Jose Francisco; Rojas Hernandez, Rocio Estefania; Ivanov, Roman; Rosen, Johanna; **Hussainova, Irina** Carbon 2023 / art. 118057 <https://doi.org/10.1016/j.carbon.2023.118057>

Very high radiofrequency radiation at Skeppsbron in Stockholm, Sweden from mobile phone base station antennas positioned close to pedestrians' heads

Koppel, Tarmo; Ahonen, Mikko; Carlberg, Michael; Hardell, Lennart Environmental research 2022 / art. 112627
<https://doi.org/10.1016/j.envres.2021.112627> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Wetting and interfacial behaviour in the TiB2-NiCrBSiC system

Storozhenko, Maryna; Umanskyi, Oleksandr; **Antonov, Maksim** Journal of alloys and compounds 2019 / p. 15-22 : ill
<https://doi.org/10.1016/j.jallcom.2018.11.102> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Wetting circumstances, expected moisture content, and drying performance of CLT end-grain edges based on field measurements and laboratory analysis

Kalbe, Kristo; Kalamees, Targo; Kukk, Villu; Ruus, Aime; Annuk, Alvar Building and environment 2022 / art. 109245
<https://doi.org/10.1016/j.buildenv.2022.109245> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

What drives drivers? Switching, learning, and the impact of claims in car insurance

Jõeveer, Karin; Kepp, Kaido Journal of behavioral and experimental economics 2023 / art. 101993, 11 p
<https://doi.org/10.1016/j.socsc.2023.101993>

What would you want for a drink? Sensory mapping of plant-based milk alternatives

Vaikka, Helen; Kaleda, Aleksei; Rosend, Julia; Rosend, Sirli EUROSENSE 2020: 9th European Conference on Sensory and Consumer Research 2020

When shutdown is no option : identifying the notion of the digital government continuity paradox in Estonia's eID crisis

Skierka-Canton, Isabel Government information quarterly 2023 / art. 101781, 12 p. : ill <https://doi.org/10.1016/j.giq.2022.101781>

Why E-participation systems fail : The case of Estonia's Osale.ee

Toots, Maarja Government information quarterly 2019 / p. 546-559 : ill <https://doi.org/10.1016/j.giq.2019.02.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Virtual reality through the customer journey : framework and propositions

Hollebeek, Linda Desiree; Clark, Moira K.; Andreassen, Tor W.; Sigurdsson, Valdimar; Smith, Dale L.G. Journal of retailing and consumer services 2020 / art. 102056 <https://doi.org/10.1016/j.jretconser.2020.102056> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Virtuous natural resource development : the evolution and adaptation of social licence in the mining sector

Hitch, Michael William; Barakos, George The Extractive industries and society 2021 / art. 100902
<https://doi.org/10.1016/j.exis.2021.100902>

Visible light-assisted instability of kesterite Cu2ZnSnS4 : what are the implications?

Kois, Julia; Polivtseva, Svetlana; Mamedov, Damir; Samiepour, Ali; Karazhanov, S. Zh. Solar energy materials and solar cells 2020 / art. 110384, 10 p <https://doi.org/10.1016/j.solmat.2019.110384> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Vision towards 5G : comparison of radio propagation models for licensed and unlicensed indoor femtocell sensor networks

Shabbir, Noman; Kütt, Lauri; Alam, Muhammad Mahtab; Roosipuu, Priit Physical communication 2021 / art. 101371
<https://doi.org/10.1016/j.phycom.2021.101371> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A visual-semantic approach for building content-based recommender systems

Bendouch, Mounir M.; Frasinca, Flavius; Robal, Tarmo Information systems 2023 / art. 102243 <https://doi.org/10.1016/j.is.2023.102243>

Workability and health of older academics

Kristjuhan, Ülo; Taidre, Erika Assessment and Promotion of Work Ability, Health and Well-being of Ageing Workers : proceedings of the 2nd International Symposium on Work Ability held in Verona, Italy between 18 and 20 October 2004 2005 / p. 101-105

Working hours and gender wage differentials : evidence from the American working conditions survey

Männasoo, Kadri Labour Economics 2022 / art. 102148 <https://doi.org/10.1016/j.labeco.2022.102148> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

VR/MR supporting the future of defensive cyber operations

Kullman, Kaur; Ryan, Matt; Trossbach, Lee IFAC-PapersOnLine 2019 / p. 181-186 : ill <https://doi.org/10.1016/j.ifacol.2019.12.093>

Yukawa coupling unification in non-supersymmetric SO(10) models with an intermediate scale

Djouadi, Abdelhak; **Ouyang, Ruiwen**; Raidal, Martti Physics Letters B 2022 / art. 136788, 7 p. : ill
<https://doi.org/10.1016/j.physletb.2021.136788>