

Abrasive wear performance of carbide composites

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

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

Maurya, Himanshu Singh; Jayaraj, Jayamani; Vikram, Raja Jothi; Juhani, Kristjan; Sergejev, Fjodor; Prashanth, Konda Gokuldoss *Journal of alloys and compounds* 2023 / art. 170436 <https://doi.org/10.1016/j.jallcom.2023.170436>

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

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

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

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

Ageing of kesterite solar cells 2 : Impact on photocurrent generation

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

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

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

Antimicrobial particles based on Cu₂ZnSnS₄ monograins

Žalneravičius, Rokas; Pakštas, Vidas; Grincienė, Giedrė; Klimas, Vaclovas; Paškevičius, Algimantas; Timmo, Kristi; Kauk-Kuusik, Marit; Franckevičius, Marius; Niaura, Gediminas; Talaikis, Martynas; Jagminas, Arūnas; Ramanavičius, Arūnas *Colloids and Surfaces B: Biointerfaces* 2023 / art. 113275 <https://doi.org/10.1016/j.colsurfb.2023.113275>

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

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

Asymmetric attention and volatility asymmetry

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

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

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

Biobased natural deep eutectic system as versatile solvents : structure, interaction and advanced applications

Usmani, Zeba; Sharma, Minaxi; Tripathi, Manikant; Lukk, Tiit; Karpichev, Yevgen; Gathergood, Nicholas; Singh, Brahma N.; Thakur, Vijay Kumar; Tabatabaei, Meisam; Gupta, Vijai Kumar *Science of the total environment* 2023 / art. 163002 <https://doi.org/10.1016/j.scitotenv.2023.163002>

Bio-inspired TiB₂-TiB-TiN lattices by selective laser melting

Liu, Le; Minasyan, Tatevik; Kamboj, Nikhil; Aydinyan, Sofiya; Hussainova, Irina *Materials Letters* 2020 / art. 128337 <https://doi.org/10.1016/j.matlet.2020.128337> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

BOD/COD ratio as a probing index in the O/H/O process for coking wastewater treatment

Wei, Gengrui; Wei, Tuo; Li, Zemin; Wei, Cong; Kong, Qiaopin; Guan, Xianghong; Qiu, Guanglei; Hu, Yun; Wei, Chaohai; Zhu, Shuang; Liu, Yu; Preis, Sergei *Chemical Engineering Journal* 2023 / art. 143257 <https://doi.org/10.1016/j.cej.2023.143257>

Calculation of probabilistic testability measures for digital circuits with Structurally Synthesized BDDs

Jürimägi, Lembit; Ubar, Raimund-Johannes; Jenihhin, Maksim; Raik, Jaan *Microprocessors and microsystems* 2020 / art. 103117, 12 p <https://doi.org/10.1016/j.micpro.2020.103117> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Channel characterization at 2.4 GHz for aerial base station

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

Characterization of odor-active compounds of various pea preparations by GC-MS, GC-O, and their correlation with sensory attributes

Zhogoleva, Aleksandra; Alas, Maria; Rosenvald, Sirli Future foods 2023 / art. 100243 <https://doi.org/10.1016/j.fufo.2023.100243>

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

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

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

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

Cloning and expression of ATP N-glycosidase from the freshwater sponge Ephydatia muelleri

Reintamm, Tõnu; Vallmann, Kerli; Kolk, Kaidi; Päre, Mailis; Lopp, Annika; Aas-Valleriani, Nele; Kelve, Merike Biochimie 2019 / p. 126-129 <https://doi.org/10.1016/j.biochi.2018.12.018> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Control of texture and microstructure in additive manufacturing of stainless steel 316L

Kumar, Deepak; Shankar, Gyan; Prashanth, Konda Gokuldoss; Suwas, Satyam Journal of alloys and compounds / art. 173040 <https://doi.org/10.1016/j.jallcom.2023.173040>

Corrigendum to “Internal solitary waves control offshore extension of mud depocenters on the NW Iberian shelf” [Mar. Geol. 409 (2019) 15–30] (Marine Geology (2019) 409 (15–30), (S002532271830166X) (10.1016/j.margeo.2018.12.008))

Zhang, Wenyan; Didenkulova, Ira; Kurkina, Oxana; Cui, Yongsheng; Haberkern, Julia; Aepfler, Rebecca; Santos, Ana I.; Zhang, Han; Hanebuth, Till J.J. Marine Geology 2019 / p. 21 <https://doi.org/10.1016/j.margeo.2019.01.012> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Corrigendum to “Patient Access to Electronic Health Records: Differences Across Ten Countries” [Health Policy and Technology, 7 (2018), 44–56] (S2211883717300722) (10.1016/j.hlpt.2017.11.003))

Essén, Anna; Scandurra, Isabella; Gerrits, Reinie; Humphrey, Gayl; Johansen, Monika Alise; Kierkegaard, Patrick; Ross, Peeter Health Policy and Technology 2018 / p. 224 <https://doi.org/10.1016/j.hlpt.2018.04.001> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

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

Crystal phase and surface defect driven synthesis of Pb_{1-x}Sn_xF₂ solid solution electrolyte for fluoride ion batteries

Molaiyan, Palanivel; Witter, Raiker Journal of electroanalytical chemistry 2019 / p. 154-159 <https://doi.org/10.1016/j.jelechem.2019.04.063> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Degradation of imidazolium-based ionic liquids by UV photolysis and pulsed corona discharge : The effect of persulfates addition

Nikitin, Dmitri; Preis, Sergei; Dulova, Niina Separation and purification technology 2024 / art. 127235 <https://doi.org/10.1016/j.seppur.2024.127235>

Deoxynucleoside 5-monophosphate N-glycosidase from a phylogenetically distant metazoa, sponge

Aas-Valleriani, Nele; Reintamm, Tõnu; Kelve, Merike Biochimie 2018 / p. 113-118 : ill <https://doi.org/10.1016/j.biochi.2017.12.005> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Development of Bi₂S₃ thin film solar cells by close-spaced sublimation and analysis of absorber bulk defects via in-depth photoluminescence analysis

Koltsov, Mykhailo; Gopi, Sajeesh Vadakkedath; Raadik, Taavi; Krustok, Jüri; Josepson, Raavo; Gržibovskis, Raitis; Vembris, Aivars; Spalatu, Nicolae Solar energy materials and solar cells 2023 / art. 112292 <https://doi.org/10.1016/j.solmat.2023.112292>

Development of in situ high resolution NMR: Proof-of-principle for a new (spinning) cylindrical mini-pellet approach applied to a Lithium ion battery

Mohammad, Irshad; Cambaz, Musa Ali; Samoson, Ago; Fichtner, Maximilian; Witter, Raiker Solid state nuclear magnetic resonance 2024 / art. 101914 <https://doi.org/10.1016/j.ssnmr.2023.101914>

Digital capacity and employment outcomes : microdata evidence from pre- and post-COVID-19 Europe

Männasoo, Kadri; Pareliussen, Jon Kristian; Saia, Artjom Telematics and informatics 2023 / art. 102024

<https://doi.org/10.1016/j.tele.2023.102024>

Digital work and organisational transformation : emergent digital/human work configurations in modern organisations

Baptista, João; Stein, Mari-Klara; Klein, Stefan; Watson-Manheim, Mary Beth; Lee, Jungwoo Journal of Strategic Information

Systems 2020 / Art. 101618 <https://doi.org/10.1016/j.jsis.2020.101618> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at](#)

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

Directly electrospun electrodes for electrical double-layer capacitors from carbide-derived carbon

Malmberg, Siret; Arulepp, Mati; Savest, Natalja; Tarasova, Elvira; Vassiljeva, Viktoria; Krasnou, Illia; Käärrik, Maike; Mikli,

Valdek; Krumme, Andres Journal of electrostatics 2020 / art. 103396, 7 p. : ill <https://doi.org/10.1016/j.elstat.2019.103396> [Journal](#)

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

DORM : narrowband IoT development platform and indoor deployment coverage analysis

Khan, Sikandar Muhammad Zulqarnain; Malik, Hassan; Sarmiento, Jeffrey Leonel Redondo; Alam, Muhammad Mahtab; Le

Moullec, Yannick Procedia computer science 2019 / p. 1084-1091 : ill <https://doi.org/10.1016/j.procs.2019.04.154> [Conference](#)

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

Economic policy uncertainty shocks, economic activity, and exchange rate adjustments

Nilavongse, Rachatar; Rubaszek, Michal; Uddin, Gazi Salah Economics letters 2020 / art. 108765, 4 p. : ill

<https://doi.org/10.1016/j.econlet.2019.108765> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Editorial overview : a closer look on green developments in analytical chemistry: green analytical chemistry is going mainstream

Koel, Mihkel; Kaljurand, Mihkel Current Opinion in Green and Sustainable Chemistry 2021 / Art. 100541

<https://doi.org/10.1016/j.cogsc.2021.100541> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of absorber surface modification on the optoelectronic properties of Cu₂CdGeSe₄ solar cells

Li, Xiaofeng; Pilvet, Maris; Timmo, Kristi; Grossberg, Maarja; Danilson, Mati; Mikli, Valdek; Kauk-Kuusik, Marit Thin solid

films 2020 / art. 137822, 7 p. : ill <https://doi.org/10.1016/j.tsf.2020.137822> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at](#)

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

Effect of biodiesel-dimethyl carbonate blends on engine performance, combustion and emission characteristics

Razzaq, Luqman; Mujtaba, M. A.; Shahbaz, M.A.; Nawaz, Saad; Mahmood Khan, Haris; Hussain, Abrar; Ishtiaq, Usama; Kalam, M.

A.; M. Soudagar, Manzoore Elahi; Ismail, Khadiga Ahmed; Elfasakhany, Ashraf; Rizwan, Hafiz Muhammad Alexandria Engineering

Journal 2022 / p. 5111 - 5121 <https://doi.org/10.1016/j.aej.2021.10.015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at](#)

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

The effect of customers' brand experience on brand evangelism : The case of luxury hotels

Purohit, Sonal; Hollebeek, Linda Desiree; Das, Manish; Sigurdsson, Valdimar Tourism management perspectives 2023 / art.

101092 <https://doi.org/10.1016/j.tmp.2023.101092>

Effect of germanium incorporation on the properties of kesterite Cu₂ZnSn(S,Se)₄ monograins

Oueslati, Souhaib; Grossberg, Maarja; Kauk-Kuusik, Marit; Mikli, Valdek; Ernits, Kaia; Meissner, Dieter; Krustok, Jüri Thin solid

films 2019 / p. 315–320 : ill <https://doi.org/10.1016/j.tsf.2018.11.020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

[Article at WOS](#)

The effect of rice husk biochar on soil nutrient status, microbial biomass and paddy productivity of nutrient poor agriculture soils

Singh, Chhatarpal; Tiwari, Shashank; Gupta, Vijai Kumar; Singh, Jay Shankar Catena 2018 / p. 485 - 493

<https://doi.org/10.1016/j.catena.2018.07.042> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The effect of tin doping on the band structure and optical properties of polycrystalline antimony selenide

Uslu, Mehmet Ender; Danilson, Mati; Timmo, Kristi; Grossberg-Kuusk, Maarja Physica B : condensed matter 2024 / art.

415744 <https://doi.org/10.1016/j.physb.2024.415744>

Effects of selenisation temperature on photoluminescence and photoluminescence excitation spectra of ZnO/CdS/Cu₂ZnSnSe₄/Mo/glass

Sulimov, Mikhail A.; Yakushev, M. V.; Marquez-Prieto, J.; Krustok, Jüri Thin solid films 2019 / p. 146-151 : ill

<https://doi.org/10.1016/j.tsf.2019.01.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effects of stator core welding on an induction machine – measurements and modeling

Sundaria, Ravi; Daem, Andries; Osemwinyen, Osaruyi; Lehtikoinen, Antti; Sergeant, Peter; Arkio, Antero; Belahcen, Anouar

Journal of Magnetism and Magnetic Materials 2020 / art. 166280 <https://doi.org/10.1016/j.jmmm.2019.166280> [Journal metrics at Scopus](#)

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

An efficient roadside unit deployment method for vehicular ad-hoc networks

Ben Chaabene, Seif; Yeferny, Taoufik; **Ben Yahia, Sadok** Procedia computer science 2020 / p. 771-780

<https://doi.org/10.1016/j.procs.2020.09.072> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Electrochemical sensor based on molecularly imprinted polymer for rapid quantitative detection of brain-derived neurotrophic factor

Ayankojo, Akinrinade George; Boroznjak, Roman; Reut, Jekaterina; Tuvikene, Jürgen; Timmusk, Tõnis; Sõritski, Vitali

Sensors and Actuators B: Chemical 2023 / art. 134656 <https://doi.org/10.1016/j.snb.2023.134656>

Electrodeposited ZnO morphology transformations under the influence of SeO₂ additive: Rods, disks, nanosheets network

Gromōko, Inga; Dedova, Tatjana; Polivtseva, Svetlana; Kois, Julia; Puust, Laurits; Sildos, Ilmo; Mere, Arvo; Krunks, Malle Thin

solid films 2018 / p. 10-15 : ill <https://doi.org/10.1016/j.tsf.2017.12.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enantio-differentiating hydrogenation of alkyl 3-oxobutanoates over tartaric acid-modified Ni catalyst: Enthalpy-entropy compensation effect as a tool for elucidating mechanistic features

Osawa, Tsutomu; Wakasugi, Masahiro; Kizawa, Tomoko; **Borovkov, Victor**; Inoue, Yoshihisa Molecular catalysis 2018 / p. 131-136 :

ill <https://doi.org/10.1016/j.mcat.2018.02.023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Energy-aware task scheduling and offloading using deep reinforcement learning in SDN-enabled IoT network

Sellami, Bassem; Hakiri, Akram; **Ben Yahia, Sadok**; Berthou, Pascal Computer networks 2022 / art. 108957, 12 p. : ill

<https://doi.org/10.1016/j.comnet.2022.108957> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enhanced mobility of high-frequency discrete breathers in a monatomic chain with odd anharmonicity

Šelkan, Aleksander; **Klopov, Mihail**; Hižnjakov, Vladimir Physics letters A 2019 / p. 1893-1896 : ill

<https://doi.org/10.1016/j.physleta.2019.03.025> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Erratum to “Market mapping of plant-based milk alternatives by using sensory (RATA) and GC analysis” [Future Foods, 4 (2021) 100049] (Future Foods (2021) 4, (S2666833521000393), (10.1016/j.fufo.2021.100049))

Vaikma, Helen; Kaleda, Aleksei; **Rosend, Julia**; Rosenvald, Sirli Future Foods 2022 / Art. nr. 100166

<https://doi.org/10.1016/j.fufo.2022.100166> [Journal metrics at Scopus](#) [Article at Scopus](#)

Evaluation of different operating modes of an autosampler for portable capillary electrophoresis

Kaljurand, Mihkel; Ruzicka, Martin; Gorbatoeva, Jelena; Mazina-Šinkar, Jekaterina Journal of Chromatography A 2023 / art.

464201 <https://doi.org/10.1016/j.chroma.2023.464201>

Evolutionary distribution of deoxynucleoside 5-monophosphate N-glycosidase, DNPH1

Reintamm, Tõnu; Aas-Valleriani, Nele; Kelve, Merike Gene 2019 / p. 1-11 <https://doi.org/10.1016/j.gene.2018.10.005> [Journal metrics](#)

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

Expectation-driven house prices and debt defaults : the effectiveness of monetary and macroprudential policies

Bekiros, Stelios; **Nilavongse, Rachatar**; Uddin, Gazi Salah Journal of Financial Stability 2020 / Art. 100760

<https://doi.org/10.1016/j.jfs.2020.100760> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Experimental measurements and numerical modelling of additively manufactured Fe-Si cores

Stella, Marco; Faba, Antonio; Fulginei, F. Riganti; Quercio, Michele; Scorretti, Riccardo; Bertolini, Vittorio; Sabino, Luis Gustavo;

Tiismus, Hans; Kallaste, Ants; Cardelli, Ermanno Journal of magnetism and magnetic materials 2024 / art. 171752

<https://doi.org/10.1016/j.jmmm.2024.171752>

An experimental study on re-ranking web shop search results using semantic segmentation of user profiles

Poppink, Bram; Frasinca, Flavius; **Robal, Tarmo** Electronic commerce research and applications 2023 / art. 101310

<https://doi.org/10.1016/j.elerap.2023.101310>

Export performance and capacity pressures in Central and Eastern Europe

Staehr, Karsten International Economics 2021 / p. 204-217 <https://doi.org/10.1016/j.inteco.2020.12.008> [Journal metrics at Scopus](#)

[Article at Scopus](#)

Fabrication of localized diamond-filled copper structures via selective laser melting and spark plasma sintering

Rahmani, Ramin; Karimi, Javad; Kamboj, Nikhil; Kumar, Rahul; Brojan, Miha; Tchórz, Adam; Skrabalak, Grzegorz; Lopes,

Sérgio Ivan Diamond and related materials 2023 / art. 109916 <https://doi.org/10.1016/j.diamond.2023.109916>

Factors associated with advanced-stage diagnosis of cervical cancer in Estonia: a population-based study

Šavrova, Aleksandra; Jaal, Jana; Nõmm, Oskar; **Innos, Kaie** Public health 2023 / p. 369-375

<https://doi.org/10.1016/j.puhe.2023.10.025>

Faster learning in troubled times : how market conditions affect the disposition effect

Muhl, Stefan; **Talpsepp, Tõnn** The quarterly review of economics and finance 2018 / p. 226-236 : ill

<https://doi.org/10.1016/j.qref.2017.08.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fibrous alumina-based Ni-CeO₂ catalyst : synthesis, structure and properties in propane pre-reforming

Potemkin, D. I.; **Aghayan, Marina**; **Kamboj, Nikhil Kumar**; **Hussainova, Irina** Materials letters 2018 / p. 35-37 : ill

<https://doi.org/10.1016/j.matlet.2017.12.039> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fibrous alumina-based Ni-MO_x (M= Mg, Cr, Ce) catalysts for propane pre-reforming

Uskov, S. I.; Potemkin, D. I.; **Kamboj, Nikhil Kumar**; Snytnikov, P.V.; **Hussainova, Irina** Materials letters 2019 / art. 126741, 4 p. : ill

<https://doi.org/10.1016/j.matlet.2019.126741> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fiducial marker-based monocular localization for autonomous docking

Pivonka, Tomas; **Sell, Raivo**; **Pikner, Heiko**; **Preucil, Libor** IFAC-PapersOnLine 2023 / p. 2957-2962

<https://doi.org/10.1016/j.ifacol.2023.10.1419>

First documentation of Llandovery (Silurian) conodont genus *Astropentagnathus* in China (Langao, Shaanxi Province) and the age of Baiyaya Formation

Chen, Zhong-Yang; **Männik, Peep**; Wang, Xin; Li, Chao; Wang, Jian Palaeoworld 2020 / p. 662-671

<https://doi.org/10.1016/j.palwor.2019.11.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Formulation of active food packaging by design: Linking composition of the film-forming solution to properties of the chitosan-based film by response surface methodology (RSM) modelling

Bajić, Marijan; Oberlintner, Ana; **Körge, Kristi**; Likozar, Blaž; Novak, Uroš International Journal of Biological Macromolecules 2020 / p. 971 - 978 <https://doi.org/10.1016/j.ijbiomac.2020.05.186> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Gly188Arg substitution eliminates substrate inhibition in arachidonate 11R-lipoxygenase

Põldemaa, Kaspar; **Lipp, Maarja**; **Järving, Ivar**; **Samel, Nigulas**; **Eek, Priit** Biochemical and biophysical research communications 2019 / p. 81-85 : ill <https://doi.org/10.1016/j.bbrc.2019.08.132> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Green profiling of aprotic versus protic ionic liquids : synthesis and microbial toxicity of analogous structures

Reid, Joshua E.S.J.; Prydderch, Hannah; Spulak, Marcel; Shimizu, Seishi; Walker, Adam J.; **Gathergood, Nicholas** Sustainable Chemistry and Pharmacy 2018 / p. 17-26 <https://doi.org/10.1016/j.scp.2017.11.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hepatitis E virus infection in different groups of Estonian patients and people who inject drugs

Kuznetsova, Tatiana; Ivanova-Pozdejeva, Anna; Reshetnjak, Irina; Geller, Julia; **Värv, Kairi**; Rumvolt, Reet; Vikentjeva, Maria; Trubnikova, Elena V.; Pozdniakova, Natalia V.; Shevelev, Alexei B.; Golovljova, Irina Journal of Clinical Virology 2018 / p. 5-10

<https://doi.org/10.1016/j.jcv.2018.04.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hydro-meteorological droughts across the Baltic Region : The role of the accumulation periods

Meilutyte-Lukauskiene, Diana; Nazarenko, Serhii; **Kobets, Yaroslav**; Akstinas, Vytautas; Sharifi, Alireza; Haghighi, Ali Torabi; Hashemi, Hossein; Kokorite, Ilga; Ozolina, Baiba Science of the total environment 2024 / art. 169669

<https://doi.org/10.1016/j.scitotenv.2023.169669>

Identification of a novel member of 2H phosphoesterases, 2',5'-oligoadenylate degrading ribonuclease from the oyster *Crassostrea gigas*

Lopp, Annika; **Reintamm, Tõnu**; **Kuusksalu, Anne**; **Olsper, Allan**; **Kelve, Merike** Biochimie 2019 / p. 181–195 : ill

<https://doi.org/10.1016/j.biochi.2018.09.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Identification of mechanisms behind converter-related issues in power systems based on an overview of real-life events

De Rua, Philippe; Roose, Thomas; Sakinci, Özgür Can; **de Moraes Dias Campos, Nathalia**; Beerten, Jef Renewable and sustainable energy reviews 2023 / art. 113431 <https://doi.org/10.1016/j.rser.2023.113431>

Impact of ball-milling of carbide-derived carbons on the generation of hydrogen peroxide via electroreduction of oxygen in alkaline media

Palm, Iris; Kibena-Põldsepp, Elo; Lilloja, Jaana; **Paiste, Päärn** Journal of electroanalytical chemistry 2020 / art. 114690

<https://doi.org/10.1016/j.jelechem.2020.114690> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The impact of the single digital gateway regulation from the citizens' perspective

Bhattarai, Rakshya; **Pappel, Ingrid**; Vainsalu, Heiko; **Ben Yahia, Sadok**; **Draheim, Dirk** Procedia Computer Science 2019 / p. 159 - 167 <https://doi.org/10.1016/j.procs.2019.12.168> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Implementing a sol-gel route to adjust the structural and dielectric characteristics of Bi and Fe co-doped BaTiO₃ ceramics

Gouadria, Hamida; Mourad, Smari; Mnasri, Taoufik; **Necib, Jallouli**; López Sánchez, Jesús; Marín, Pilar; Jamale, Atul P.; Ben Younes, Rached Inorganic chemistry communications 2023 / art. 110241 <https://doi.org/10.1016/j.inoche.2022.110241>

Influence of Ni concentration on electrochemical and crystallographic properties of La_{0.25}Sr_{0.25}Ca_{0.4}Ti_{1-x}Ni_xO_{3-δ} solid oxide fuel cell anode

Korjus, Ove; Möller, Priit; Kooser, Kuno; Käämbre, Tanel; **Volobujeva, Olga**; Nerut, Jaak; Kotkas, S.; Lust, Enn; Nurk, Gunnar Journal of Power Sources 2021 / Art. n.r 229739 <https://doi.org/10.1016/j.jpowsour.2021.229739> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

K₂CO₃-containing composite sorbents based on a ZrO₂ aerogel for reversible CO₂ capture from ambient air

Veselovskaya, Janna; **Derevshchikov, Vladimir**; Shalygin, Anton S.; Yatsenko, Dmitry Microporous and Mesoporous Materials 2021 / art. 110624 <https://doi.org/10.1016/j.micromeso.2020.110624> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A knowledge map for ICT integration in the silver economy

Butt, Sidra Azmat; Elhadjamor, Emna A.; **Pappel, Ingrid**; **Öunapuu, Enn**; **Draheim, Dirk** Procedia computer science 2021 / p. 693–701 <https://doi.org/10.1016/j.procs.2021.01.220> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Large herbivore population and vegetation dynamics 14,600–8300 years ago in central Latvia, northeastern Europe

Stivrinš, Normunds; Cerina, Aija; Galka, Mariusz; **Heinsalu, Atko**; Lõugas, Lembi; **Veski, Siim** Review of palaeobotany and palynology 2019 / p. 42-51 : ill <https://doi.org/10.1016/j.revpalbo.2019.04.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Layout planning and analysis of a Flexible Manufacturing System based on 3D Simulation and Virtual Reality

Mahmood, Kashif; **Otto, Tauno**; Chakraborty, A. Procedia CIRP 2023

Long-term stability of resting state EEG-based linear and nonlinear measures

Pöld, Toomas; **Peäske, Laura**; **Hinrikus, Hiie**; **Lass, Jaanus**; **Bachmann, Maie** International journal of psychophysiology 2021 / p. 83-87 <https://doi.org/10.1016/j.ijpsycho.2020.11.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mechanochemical synthesis of solid-state electrolyte Sm_{1-x}CaxF_{3-x} for batteries and other electrochemical devices

Molaiyan, Palanivel; **Witter, Raiker** Materials letters 2019 / p. 22-26 <https://doi.org/10.1016/j.matlet.2019.02.034> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microstructure and mechanical properties of AlCoCrFeMnNi HEAs fabricated by selective laser melting

Ma, Pan; Fang, Yacheng; Wei, Shuimiao; Zhang, Zhiyu; Yang, Hong; Wan, Shiguang; **Prashanth, Konda Gokuldoss**; Jia, Yandong Journal of materials research and technology 2023 / p. 7090-7100 <https://doi.org/10.1016/j.jmrt.2023.07.124>

Microstructure and tribological behavior of Al-12Si – Nano graphene composite fabricated by laser metal deposition process

Yang, Zhilu; Ma, Pan; Zhang, Nan; Yang, Dongye; **Prashanth, Konda Gokuldoss**; Jia, Yandong Journal of materials research and technology 2023 / p. 2311-2322 <https://doi.org/10.1016/j.jmrt.2023.10.095>

Microstructure evolution and tensile property of high entropy alloy particle reinforced 316 L stainless steel matrix composites fabricated by laser powder bed fusion

Zhang, Xinqi; Yang, Dongye; Jia, Yandong; Wang, Gang; **Prashanth, Konda Gokuldoss** Journal of alloys and compounds 2023 / art. 171430 <https://doi.org/10.1016/j.jallcom.2023.171430>

Modelling spatial compositional data : reconstructions of past land cover and uncertainties

Pirzamanbin, Behnaz; Lindström, Johan; **Poska, Anneli**; Gaillard, Marie-Jose Spatial statistics 2018 / p. 14-31 : ill <https://doi.org/10.1016/j.spasta.2018.03.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mo(Si_{1-x}Al_x)₂-based composite by reactive laser powder-bed fusion

Minasyan, Tatevik; **Aydinyan, Sofiya**; **Liu, Le**; **Volobujeva, Olga**; Toyserkani, Ehsan; **Hussainova, Irina** Materials letters 2020 / art. 128776, 5 p. : ill <https://doi.org/10.1016/j.matlet.2020.128776> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A multi-armed bandit solver method for adaptive power allocation in device-to-device communication

Khan, Muhidul Islam; **Alam, Muhammad Mahtab**; **Le Moullec, Yannick** Procedia computer science 2018 / p. 1069-1076 <https://doi.org/10.1016/j.procs.2018.04.155> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Multi-source remote sensing data reveals complex topsoil organic carbon dynamics in coastal wetlands

Villoslada, Miguel; **Sipelgas, Liis**; Bergamo, Thaísa Fernandes; Ward, Raymond D.; Reintam, Endla; Astover, Alar; Kumpula, Timo; Sepp, Kalev Ecological Indicators 2022 / art. 109329 <https://doi.org/10.1016/j.ecolind.2022.109329> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

NarrowBand-IoT performance analysis for healthcare applications

Malik, Hassan; Alam, Muhammad Mahtab; Le Moullec, Yannick; Kuusik, Alar Procedia computer science 2018 / p. 1077–1083
<https://doi.org/10.1016/j.procs.2018.04.156> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

New Baltic chapter of the E-AHPBA: uniting towards surgical quality, research and innovations

Gulla, A.; Ignatavicius, P.; Kvietauskas, M.; Atstupens, K.; Plaudis, H.; Kutner, S.; Adamson, M.; Barauskas, G.; Ozolins, A.; Teras, Jüri; Strupas, K. HPB 2023 <https://doi.org/10.1016/j.hpb.2023.10.005>

A new thermogravimetric application for determination of vapour pressure curve corresponding to average boiling points of oil fractions with narrow boiling ranges

Rannaveski, Rivo; Oja, Vahur Thermochimica acta 2020 / art. 178468, 7 p. : ill <https://doi.org/10.1016/j.tca.2019.178468> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nitrogen and phosphorus losses in Nordic and Baltic agricultural monitoring catchments-Spatial and temporal variations in relation to natural conditions and mitigation programmes

Kyllmar, Katarina; Bechmann, Marianne; Blicher-Mathiesen, Gitte; Fischer, Franziska Katharina; Folster, Jens; Iital, Arvo; Lagzdins, Ainis; Povilaitis, Arvydas; Rankinen, Katri CATENA 2023 / art. 107205 <https://doi.org/10.1016/j.catena.2023.107205>

Numerical simulation of ultrasonic time reversal on defects in carbon fibre reinforced polymer

Lints, Martin; Salupere, Andrus; Dos Santos, Serge Wave motion 2020 / art. 102526, 10 p. : ill <https://doi.org/10.1016/j.wavemoti.2020.102526> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oil price shocks and unemployment in Central and Eastern Europe

Cuestas, Juan Carlos; Gil-Alana, Luis Alberiko Economic Systems 2018 / p. 164 - 173 <https://doi.org/10.1016/j.ecosys.2017.05.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Omega-3 fatty acid and B12 vitamin content in Baltic algae

Luhila, Önnela; Paalme, Tiina; Tanilas, Kristel; Sarand, Inga Algal Research 2022 / Art. 102860 <https://doi.org/10.1016/j.algal.2022.102860> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On solitonic solutions for the hyperelastic rod equation

Salupere, Andrus; Rätsep, Margus Wave motion 2019 / 8 p <https://doi.org/10.1016/j.wavemoti.2019.102404> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On solutions of a Boussinesq-type equation with displacement-dependent nonlinearity: A soliton doublet to the memory of Alexander Samsonov

Peets, Tanel; Tamm, Kert; Simson, Pärt; Engelbrecht, Jüri Wave motion 2019 / p. 10-17 <https://doi.org/10.1016/j.wavemoti.2018.11.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the data-driven investigation of factors affecting the need for icebreaker assistance in ice-covered waters

Liu, Cong; Kulkarni, Ketki; Suominen, Mikko; Kujala, Pentti; Musharraf, Mashura Cold regions science and technology 2024 / art. 104173 <https://doi.org/10.1016/j.coldregions.2024.104173>

On the radical de- and re-construction of today's enterprise applications

Draheim, Dirk Procedia Computer Science 2019 / p. 120 - 122 <https://doi.org/10.1016/j.procs.2019.12.162> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

The opening of Central and Eastern European countries to free trade : a critical assessment

Kucińska, Marta; Saltelli, Andrea; Olczyk, Magdalena; Reinert, Erik Structural Change and Economic Dynamics 2021 / p. 23 - 34 <https://doi.org/10.1016/j.strueco.2021.04.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optical and structural properties of orthorhombic and tetragonal polymorphs of Cu₂CdGeSe₄

Grossberg, Maarja; Raadik, Taavi; Krustok, Jüri; Kauk-Kuusik, Marit; Timmo, Kristi; Kaupmees, Reelika; Mikli, Valdek; Mere, Arvo Thin solid films 2018 / p. 44-47 <https://doi.org/10.1016/j.tsf.2018.09.031> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ordovician and Silurian ichnofossils from carbonate facies in Estonia: A collection-based review

Toom, Ursula; Vinn, Olev; Hints, Olle Palaeoworld 2019 / p. 123-144 : ill <https://doi.org/10.1016/j.palwor.2018.07.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ozone-assisted degradation of 2-methoxyethanol in a prototype plug flow photocatalytic reactor

Altof, Kristen; Krichevskaya, Marina; Preis, Sergei; Tähemaa, Toivo; Bolobajev, Juri Chemical engineering journal 2023 / art. 148488 <https://doi.org/10.1016/j.cej.2023.148488>

Oxidation energy efficiency in water treatment with gas-phase pulsed corona discharge as a function of spray density

Tikker, Priit; Kornev, Iakov; **Preis, Sergei** Journal of electrostatics 2020 / art. 103466, 5 p. : ill

<https://doi.org/10.1016/j.elstat.2020.103466> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oxidation of aqueous p-Nitroaniline by pulsed corona discharge

Jayachandrabal, Balachandramohan; Tikker, Priit; Preis, Sergei Separation and Purification Technology 2022 / Art. nr. 121473

<https://doi.org/10.1016/j.seppur.2022.121473> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oxidation of ubiquitous aqueous pharmaceuticals with pulsed corona discharge

Derevshchikov, Vladimir; Dulova, Niina; Preis, Sergei Journal of electrostatics 2021 / art. 103567, 9 p.: ill

<https://doi.org/10.1016/j.elstat.2021.103567> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Paper microzones as a route to greener analytical chemistry

Kaljurand, Mihkel Current Opinion in Green and Sustainable Chemistry 2019 / p. 15-18 <https://doi.org/10.1016/j.cogsc.2019.03.002>

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

Patient access to electronic health records : differences across ten countries

Essen, Anna; Scandurra, Isabella; Gerrits, Reinie; Humphrey, Gayl; Johansen, Monika Alise; Kierkegaard, Patrick; Koskinen, Jani;

Ross, Peeter Health policy and technology 2018 / p. 44–56 <https://doi.org/10.1016/j.hlpt.2017.11.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Performance based core sustainability metrics for university campuses developing towards climate neutrality : a robust PICSOU framework

Jiang, Qidi; **Kurnitski, Jarek** Sustainable cities and society 2023 / art. 104723 <https://doi.org/10.1016/j.scs.2023.104723>

A positively charged composite loose nanofiltration membrane for water purification from heavy metals

Peydayesh, Mohammad; Mohammadi, Toraj; **Nikouzad, Sohail Kordmirza** Journal of Membrane Science 2020 / Art. n. 118205

<https://doi.org/10.1016/j.memsci.2020.118205> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Post-COVID ventilation design : infection risk-based target ventilation rates and point source ventilation effectiveness

Kurnitski, Jarek; Kiil, Martin; Mikola, Alo; Vösa, Karl-Villem; Aganovic, Amar; Schild, Peter G.; Seppänen, Olli Energy and

buildings 2023 / art. 113386 <https://doi.org/10.1016/j.enbuild.2023.113386>

Probabilistic analysis of operational ice damage for Polar class vessels using full-scale data

Suominen, Mikko; **Körgeaar, Mihkel;** Taylor, Rocky; Bergstrom, Martin Structural safety 2024 / art. 102423

<https://doi.org/10.1016/j.strusafe.2023.102423>

A quanta-independent approach for the assessment of strategies to reduce the risk of airborne infection

Aganovic, Amar; **Kurnitski, Jarek;** Wargocki, Pawel Science of the total environment 2024 / art. 172278

<https://doi.org/10.1016/j.scitotenv.2024.172278>

Quantification of longshore sediment transport and compartments in urban areas : a case study of shores of Tallinn, the Baltic Sea

Eelsalu, Maris; Viigand, Katri Regional studies in marine science 2023 / art. 103199 <https://doi.org/10.1016/j.rsma.2023.103199>

Recent advances in essential oils-based metal nanoparticles : a review on recent developments and biopharmaceutical applications

Sana, Siva Sankar; Li, Huizhen; Zhang, Zhijun; Sharma, Minaxi; Usmani, Zeba; Hou, Tianyu; Netala, Vasudeva Reddy; Wang, Xin;

Gupta, Vijai Kumar Journal of Molecular Liquids 2021 / Art. nr. 115951 <https://doi.org/10.1016/j.molliq.2021.115951> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Redox fluctuations, trace metal enrichment and phosphogenesis in the ~2.0 Ga Zaonega Formation

Kipp, Michael A.; **Lepland, Aivo;** Buick, Roger Precambrian Research 2020 / Art. 105716

<https://doi.org/10.1016/j.precamres.2020.105716> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Relatedness and Product Complexity Meet Gravity Models of International Trade

Tiits, Marek; Kalvet, Tarmo; Ounoughi, Chahinez; Ben Yahia, Sadok Journal of open innovation: technology, market, and

complexity 2024 / art. 100288 <https://doi.org/10.1016/j.joitmc.2024.100288>

Richard Compton: Thought leader, educator and Bon Vivreur

Eklund, John; **Nei, Lembit** Journal of electroanalytical chemistry 2020 / art. 114279, p. 1–3

<https://doi.org/10.1016/j.jelechem.2020.114279> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Selective laser melting of a novel 13Ni400 maraging steel : material characterization and process optimization

Patil, Viraj Vishwas; Mohanty, Chinmaya P.; **Prashanth, Konda Gokuldoss** Journal of materials research and technology 2023 / p.

3979-3995 <https://doi.org/10.1016/j.jmrt.2023.10.193>

Selective laser melting of AlCoCrFeMnNi high entropy alloy : effect of heat treatment

Fang, Yacheng; Ma, Pan; Wei, Shuimiao; Zhang, Zhiyu; Yang, Dongye; Yang, Hong; Wan, Shiguang; **Prashanth, Konda**

Gokuldoss; Jia, Yandong Journal of materials research and technology 2023 / p. 7845-7856 <https://doi.org/10.1016/j.jmrt.2023.09.121>

Selective photocurrent generation in HfO₂ and carbon nanotube hybrid nanocomposites under Ultra-Violet and visible photoexcitations

Rauwel, Protima; Galeckas, Augustinas; Ducroquet, Frédérique; **Rauwel, Erwan** Materials Letters 2019 / p. 45 - 48

<https://doi.org/10.1016/j.matlet.2019.03.030> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Self-reported tax compliance in post-transition Estonia

Levenko, Natalia; Staehr, Karsten Economic systems 2023 / art. 101047 <https://doi.org/10.1016/j.ecosys.2022.101047>

The sequent calculus of skew monoidal categories

Uustalu, Tarmo; Veltri, Niccolo; Zeilberger, Noam Electronic notes in theoretical computer science 2018 / p. 345-370

<https://doi.org/10.1016/j.entcs.2018.11.017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Shaping the gut microbiota by bioactive phytochemicals : an emerging approach for the prevention and treatment of human diseases

Sudheer, Surya; Gangwar, Prateeksha; **Usmani, Zeba;** Sharma, Minaxi; Sharma, Vivek Kumar; Sana, Siva Sankar; Almeida, Fausto; Dubey, Nawal Kishore; Singh, Dhananjaya Pratap; Dilbaghi, Neeraj; Khayat Kashani, Hamid Reza; Gupta, Vijai Kumar; Singh, Brahma Nand; Khayatkashani, Maryam; Nabavi, Seyed Mohammad Biochimie 2022 / p. 38 - 63

<https://doi.org/10.1016/j.biochi.2021.10.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Smart Energy and power systems modelling: an IoT and Cyber-Physical Systems perspective, in the context of Energy Informatics

Bordin, Chiara; Hakansson, Anne; **Mishra, Sambeet** Procedia computer science 2020 / p. 2254-2263

<https://doi.org/10.1016/j.procs.2020.09.275> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Specification of the data warehouse for the decision-making dimension of the bid process information system

Zekri, Manel; Zahaf, Sahbi; **Ben Yahia, Sadok** Procedia computer science 2019 / p. 756 - 763

<https://doi.org/10.1016/j.procs.2019.09.231> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Spectroscopic properties, conduction processes and the Summerfield scaling of barium titanate ceramics based on Bi and Fe

Gouadria, Hamida; Mnasri, Taoufik; Jamale, Atul P.; López Sánchez, Jesús; **Necib, Jallouli;** Marín, Pilar; Carmona, Noemi; Smari, Mourad Inorganic chemistry communications 2023 / art. 111417 <https://doi.org/10.1016/j.inoche.2023.111417>

Structural and electrical characterisation of high-k ZrO₂ thin films deposited by chemical spray pyrolysis method

Oluwabi, Abayomi Titilope; Acik, Ilona Oja; Katerski, Atanas; Mere, Arvo; Krunk, Malle Thin Solid Films 2018 / p. 129 - 136

<https://doi.org/10.1016/j.tsf.2018.07.035> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Study of Cu₂CdGeSe₄ monograin powders synthesized by molten salt method for photovoltaic applications

Kauk-Kuusik, Marit; Li, Xiaofeng; Pilvet, Maris; Timmo, Kristi; Grossberg, Maarja; Raadik, Taavi; Danilson, Mati; Mikli,

Valdek; Altosaar, Mare; Krustok, Jüri; Raudoja, Jaan Thin solid films 2018 / p. 15-19 <https://doi.org/10.1016/j.tsf.2018.09.025> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Supply chain and ICT issues of Estonia: survey findings

Kisler, Ain; Solakivi, Tomi; Hilmola, Olli-Pekka Kristian Procedia computer science 2020 / p. 828-837

<https://doi.org/10.1016/j.procs.2020.09.078> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Surfactant and non-surfactant radical scavengers in aqueous reactions induced by pulsed corona discharge treatment

Wang, Yi-Xian; Kornev, Iakov; Wei, Chao-Hai; **Preis, Sergei** Journal of electrostatics 2019 / p. 82-86 : ill

<https://doi.org/10.1016/j.elstat.2019.03.001> [Tehnikaülikooli teadlaste uudne lahendus puhastab vett elektriga](#) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Surveying pervasive public safety communication technologies in the context of terrorist attacks

Masood, Ali; Scazzoli, Davide; Sharma, Navuday; Le Moullec, Yannick; Ahmad, Rizwan; Reggiani, Luca; Magarini, Maurizio;

Alam, Muhammad Mahtab Physical communication 2020 / art. 101109, <https://doi.org/10.1016/j.phycom.2020.101109> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sustainable ionic liquids-based molecular platforms for designing acetylcholinesterase reactivators

Kapitanov, Illia; Karpichev, Yevgen; Gathergood, Nicholas; Spulak, Marcel; Pour, Milan; Soukup, Ondrej; Marek, Jan; Jun, Daniel;

Novak, Martin; Diz de Almeida, Joyce S. F.; Costa Franca, Tanos C.; Kuca, Kamil Chemico-Biological Interactions 2023 / art. 110735 <https://doi.org/10.1016/j.cbi.2023.110735>

Synergistic interaction of natamycin with carboxymethyl chitosan for controlling Alternaria alternata, a cause of black

spot rot in postharvest jujube fruit

Gong, Liang; Zhao, Zhiyong; Yin, Chunxiao; **Gupta, Vijai Kumar**; Zhang, Xianhui; Jiang, Yueming Postharvest Biology and Technology 2019 / Art. nr. 110919 <https://doi.org/10.1016/j.postharvbio.2019.05.020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Synthesis and optical properties of Ga₂O₃ nanowires grown on GaS substrate

Leontie, Liviu; Sprincean, Veaceslav; Untila, Dumitru; **Spalatu, Nicolae** Thin solid films 2019 / art. 137502, 6 p. : ill <https://doi.org/10.1016/j.tsf.2019.137502> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Techno-economic analysis of a 5th generation district heating system using thermo-hydraulic model : a multi-objective analysis for a case study in heating dominated climate

Saini, Puneet; Huang, Pei; Fiedler, Frank; **Volkova, Anna**; Zhang, Xingxing Energy and buildings 2023 / art. 113347 <https://doi.org/10.1016/j.enbuild.2023.113347>

Testing Mg as an anode against BiF₃ and SnF₂ cathodes for room temperature rechargeable fluoride ion batteries

Mohammad, Irshad; Witter, Raiker Materials Letters 2019 / p. 159 - 162 <https://doi.org/10.1016/j.matlet.2019.02.052> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The cost-effective deposition of ultra-thin titanium(IV) oxide passivating layers for improving photoelectrochemical activity of SnS electrodes

Kois, Julia; Polivtseva, Svetlana; Bereznev, Sergei Thin solid films 2019 / p. 152-156 : ill <https://doi.org/10.1016/j.tsf.2018.12.047> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

3D visualisations for communicative urban and landscape planning : What systematic mapping of academic literature can tell us of their potential?

Salla, Eilola; Jaalama, Kaisa; **Kangassalo, Petri; Nummi, Pilvi; Staffans, Aija**; Fagerholm, Nora Landscape and urban planning 2023 / art. 104716 <https://doi.org/10.1016/j.landurbplan.2023.104716>

To grind or not to grind? The influence of mechanical and thermal treatments on the Cu/Zn disorder in Cu₂ZnSn(SxSe_{1-x})₄ monograins

Gurieva, Galina; Rotaru, Victoria; Ernits, Kaia; Siminel, Nichita A.; Manjón-Sanz, Alicia; Kirkham, Melanie J.; Perez-Rodriguez, Alejandro; Guc, Maxim; **Meissner, Dieter**; Schorr, Susan Solar Energy Materials and Solar Cells 2022 / Art. 112009 <https://doi.org/10.1016/j.solmat.2022.112009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Towards understanding the abundance of non-pollen palynomorphs: a comparison of fossil algae, algal pigments and sedaDNA from temperate lake sediments

Stivriņš, Normunds; Soininen, Janne; Tönno, Ilmar; Freiberg, Rene; **Veski, Siim**; Kisand, Veljo Review of palaeobotany and palynology 2018 / p. 9-15 : ill <https://doi.org/10.1016/j.revpalbo.2017.11.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Understanding multidimensional verification : where functional meets non-functional

Lai, Xinhui; Balakrishnan, Aneesh; Lange, Thomas; **Jenihhin, Maksim; Ghasempouri, Tara; Raik, Jaan**; Alexandrescu, Dan Microprocessors and microsystems 2019 / art. 102867, 13 p. : ill <https://doi.org/10.1016/j.micpro.2019.102867> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Understanding risky behaviours in nuclear facilities: the impact of role stressors

Gracia, Francisco J.; **Martinez-Córcoles, Mario** Safety Science 2018 / p. 135-143 <https://doi.org/10.1016/j.ssci.2018.01.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Using the e-learning gamification tool Kahoot! to learn chemistry principles in the classroom

Al Ghawail, Entisar Alhadi; **Ben Yahia, Sadok** Procedia computer science 2022 / p. 2667 - 2676 <https://doi.org/10.1016/j.procs.2022.09.325> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

UVA-induced antimicrobial activity of ZnO/Ag nanocomposite covered surfaces

Visnapuu, Meeri; **Rosenberg, Merilin; Truska, Egle**; Nõmmiste, Ergo; Šutka, Andris; Kahru, Anne; Rähn, Mihkel; Vija, Heiki; Orupõld, Kaja; Kisand, Vambola; Ivask, Angela Colloids and Surfaces B: Biointerfaces 2018 / p. 222-232 <https://doi.org/10.1016/j.colsurfb.2018.05.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Wear of advanced cemented carbides for metalforming tool materials

Klaasen, Heinrich; Kübarsepp, Jakob Wear 2004 / p. 846-853 : ill <https://doi.org/10.1016/j.wear.2003.08.004>

Wolframin deficiency is accompanied with metabolic inflexibility in rat striated muscles

Tepp, Kersti; **Aid-Vanakova, Jekaterina**; Puurand, Marju; Timohhina, Natalja; **Reinsalu, Leenu**; Tein, Karin; Plaas, Mario; Ševtšuk, Igor; Terasmaa, Anton; Käämbre, Tuuli Biochemistry and Biophysics Reports 2022 / art. 101250 <https://doi.org/10.1016/j.bbrep.2022.101250> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)