

Active inference and abduction

Pietarinen, Ahti-Veikko; Beni, Majid D. Biosemiotics 2021 / p. 499–517 <https://doi.org/10.1007/s12304-021-09432-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Advances in Model and Data Engineering in the Digitalization Era : MEDI 2021 International Workshops : DETECT, SIAS, CSMML, BIOC, HEDA, Tallinn, Estonia, June 21–23, 2021 : proceedings

2021 <https://doi.org/10.1007/978-3-030-87657-9>

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

Leetsaar, Lehar; Korkiala-Tanttu, Leena Indian geotechnical journal 2024 <https://doi.org/10.1007/s40098-024-00942-5>

An analysis of existential graphs-part 2 : beta

Bellucci, Francesco; Pietarinen, Ahti-Veikko Synthese 2021 / p. 7705–7726 : ill <https://doi.org/10.1007/s11229-021-03134-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An indirect adaptive control paradigm for wind generation systems

Kamal, Tariq; Karabacak, Murat; Hassan, Syed Zulqadar; Fernández Ramírez, Luis M.; Roasto, Indrek; Khan, Laiq Advanced control and optimization paradigms for wind energy systems 2019 / p. 235–257 https://doi.org/10.1007/978-981-13-5995-8_10 [Article collection metrics at Scopus](#) [Article at Scopus](#)

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

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

Analysis of instantaneous cardiac EBI signal variability over the heart cycle(s) : non-linear time-scale approach

Krivošei, Andrei; Min, Mart; Annus, Paul; Kõiv, Hip; Aabloo, Alvo; Uuetoa, Tiina EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 940–943 : ill https://doi.org/10.1007/978-981-10-5122-7_235

Anonymization methods of structured health care data : a literature review

Vovk, Olga; Piho, Gunnar; Ross, Peeter Model and Data Engineering : 10th International Conference, MEDI 2021, Tallinn, Estonia, June 21–23, 2021 : proceedings 2021 / p. 175–189 https://doi.org/10.1007/978-3-030-78428-7_14 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

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

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

Antiviral efficacy of cerium oxide nanoparticles

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

Aqueous mineral carbonation of ultramafic material : a pre-requisite to integrate into mineral extraction and tailings management operation

Veetil, Sanoop Kumar Puthiya; Hitch, Michael William Environmental science and pollution research 2021 / p. 29096–29109 : ill <https://doi.org/10.1007/s11356-021-12481-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Are survey data underestimating the inequality of wealth?

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

Array programming with NumPy

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

ASO author reflection : isolated limb infusion for locally advanced melanoma in the extremely old patient is safe and effective

Teras, Jüri; Kroon, Hidde M.; Zager, Jonathan S. Annals of surgical oncology 2020 / p. 1430–1431 <https://doi.org/10.1245/s10434-020-08314-y> <https://link.springer.com/article/10.1245/s10434-020-08314-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aspect-oriented Model-based testing with UPPAAL timed automata

Vain, Jüri; Tsiopoulos, Leonidas; Kanter, Gert Model and Data Engineering : 10th International Conference, MEDI 2021, Tallinn, Estonia, June 21–23, 2021 : proceedings 2021 / p. 117-124 https://doi.org/10.1007/978-3-030-78428-7_10 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

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

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

Beyond global versus local : illuminating a cosmological framework for convivial technology development

Kostakis, Vasileios; Niaros, Vasileios; Giotitsas, Christos Sustainability Science 2023 / p. 2309-2322 <https://doi.org/10.1007/s11625-023-01378-1>

Biomorphic porous Ti6Al4V gyroid scaffolds for bone implant applications fabricated by selective laser melting

Hameed, Pearlin; Liu, Chia-Fei; Ummethala, Raghunandan; Singh, Neera; Huang, Her-Hsiung; Manivasagam, Geetha; **Prashanth, Konda Gokuldoss** Progress in additive manufacturing 2021 / p. 455–469 : ill <https://doi.org/10.1007/s40964-021-00210-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Blockage of saline intrusions in restricted, two-layer exchange flows across a submerged sill obstruction

Cuthbertson, Alan; **Laanearu, Janek**; Carr, Magda; Sommeria, Joel; Viboud, Samuel Environmental fluid mechanics 2018 / p. 27-57 : ill <https://doi.org/10.1007/s10652-017-9523-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Blockchain, smart contracts und recht - smart contracts als risiko für informatiker

Hoffmann, Thomas; Skwarek, Volker Informatik Spektrum 2019 / p. 197-204 <https://doi.org/10.1007/s00287-019-01180-3> [Journal metrics at Scopus](#) [Article at Scopus](#)

Bryozoan-cnidarian mutualism triggered a new strategy for greater resource exploitation as early as the Late Silurian

Zapalski, M. K.; Vinn, Olev; **Toom, Ursula**; Ernst, Andrej; Wilson, Mark A. Scientific reports 2022 / art. 15556 ; 9 p. : ill <https://doi.org/10.1038/s41598-022-19955-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cadmium in the Eastern Gulf of Finland : concentrations and effects on the mollusk Limecola balthica

Sharov, Andrej; Berezina, Nadezhda; **Kuprijanov, Ivan**; Sladkova, Svetlana; Kamardin, Nikolay; Shigaeva, Tatyana; Kudryavtseva, Valentina; Kholodkevich, Sergei Geochemistry International 2022 / p. 702-710 <https://doi.org/10.1134/S0016702922060076> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Staaf, Karin; Fernström, Anders; **Uhlen, Nils Fredrik Arne** BMC Nephrology 2021 / art. 256 <https://doi.org/10.1186/s12882-021-02458-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Capacity building in government : towards developing a standard for a functional specialist in AI for public services

Labanava, Alena; Dreyling, Richard Michael; Mortati, Marzia; Liiv, Innar; **Pappel, Ingrid** Future Data and Security Engineering : Big Data, Security and Privacy, Smart City and Industry 4.0 Applications : 9th International Conference, FDSE 2022, Ho Chi Minh City, Vietnam, November 23-25, 2022 : proceedings 2022 / p. 503-516 https://doi.org/10.1007/978-981-19-8069-5_34 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Cardiac muscle regulatory units are predicted to interact stronger than neighboring cross-bridges

Kalda, Mari; Vendelin, Marko Scientific reports 2020 / art. 5530, 13 p. : ill <https://doi.org/10.1038/s41598-020-62452-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cell Migration in Microfluidic Devices : Invadosomes Formation in Confined Environments

Chi, Pei-Yin; **Spuul, Pirjo**; Tseng, Fan-Gang Cell migrations : causes and functions 2019 / p. 79-103 https://doi.org/10.1007/978-3-030-17593-1_6 [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Challenge-driven innovation policy : towards a new policy toolkit

Mazzucato, Mariana; **Kattel, Rainer**; Ryan-Collins, Josh Journal of industry, competition and trade 2020 / p. 421-437 <https://doi.org/10.1007/s10842-019-00329-w>

Cheating in Europe : underreporting of self-employment income in comparative perspective

Kukk, Merike; Paulus, Alari; Staehr, Karsten International tax and public finance 2020 / p. 363-390 <https://doi.org/10.1007/s10797-019-09562-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Siddaiah, Chandra Nayaka; Prasanth, Keelara Veerappa Harish; Satyanarayana, Niranjan Raj; Mudili, Venkataramana; **Gupta, Vijai Kumar**; Kalagatur, Naveen Kumar; Satyavati, Tara; Dai, Xiao-Feng; Chen, Jie-Yin; Mocan, Andrei Scientific reports 2018 / art. 2485,

Cold adapted fungi from Indian Himalaya : untapped source for bioprospecting

Pandey, Anita D.; Dhakar, Kusum; Jain, Rahul; Pandey, Neha; **Gupta, Vijai Kumar**; Kooliyottil, Rinu; Dhyani, Ashish; Malviya, Mukesh K.; Adhikari, Priyanka Proceedings of the National Academy of Sciences India Section B - Biological Sciences 2019 / p. 1125-11321 : ill <https://doi.org/10.1007/s40011-018-1002-0> [Journal metrics at Scopus](#) [Article at Scopus](#)

Comparative analysis of qZS-based bidirectional DC-DC converter for storage energy application

Matiushkin, Oleksandr; **Husev, Oleksandr**; Tytelmaier, Kostiantyn; Kroics, Kaspars; Veligorskyi, Oleksandr; Zakis, Janis Technological Innovation for Smart Systems : 8th IFIP WG 5.5/SOCOLNET Advanced Doctoral Conference on Computing, Electrical and Industrial Systems, DoCEIS 2017, Costa de Caparica, Portugal, May 3–5, 2017 : proceedings 2017 / p. 409-418 http://dx.doi.org/10.1007/978-3-319-56077-9_40

Comparative genomic analysis of monosporial and monoteliosporic cultures for unraveling the complexity of molecular pathogenesis of Tilletia indica pathogen of wheat

Mishra, Pallavi; Maurya, Ranjeet; **Gupta, Vijai Kumar**; Ramteke, Pramod Wasudeo; Marla, Soma S.; Kumar, Anil Scientific reports 2019 / art. 8185, 15 p. : ill <https://doi.org/10.1038/s41598-019-44464-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Composite surrogate for likelihood-free bayesian optimisation in high-dimensional settings of activity-based transportation models

Kuzmanovski, Vladimir; Hollmén, Jaakko Advances in Intelligent Data Analysis XIX : 19th International Symposium on Intelligent Data Analysis, IDA 2021, Porto, Portugal, April 26–28, 2021 : proceedings 2021 / p. 171-183 : ill https://doi.org/10.1007/978-3-030-74251-5_14 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

Computer science students early drop-out prediction using machine learning : a case study

Maksimova, Natalja; Pentel, Avar; **Dunajeva, Olga** Learning with Technologies and Technologies in Learning 2022 / p. 523-549 https://doi.org/10.1007/978-3-031-04286-7_25 [Article collection metrics at Scopus](#) [Article at Scopus](#)

Condition monitoring and fault detection for electrical machines using IOT

Raja, Hadi Ashraf; Vaimann, Toomas; **Rassõlkin, Anton**; **Kallaste, Ants** Proceedings of the Future Technologies Conference (FTC) 2022. Volume 2 2022 / p. 162-173 https://doi.org/10.1007/978-3-031-18458-1_12

Container combinatorics : monads and lax monoidal functors

Uustalu, Tarmo Topics in Theoretical Computer Science : Second IFIP WG 1.8 International Conference, TTCS 2017, Tehran, Iran, September 12-14, 2017 : proceedings 2017 / p. 91-105 : ill http://doi.org/10.1007/978-3-319-68953-1_8

Controllable limiter of signal amplitudes for bioimpedance measurements

Ojarand, Jaan; Min, Mart EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 920-923 : ill https://doi.org/10.1007/978-981-10-5122-7_230

Copper(I)-binding properties of de-coppering drugs for the treatment of Wilson disease. α -Lipoic acid as a potential anti-copper agent

Smirnova, Julia; Kabin, Ekaterina; Järving, Ivar; Bragina, Olga; Tõugu, Vello; Plitz, Thomas; **Palumaa, Peep** Scientific reports 2018 / art. 1463, 9 p. : ill <https://doi.org/10.1038/s41598-018-19873-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Copper(II)-binding equilibria in human blood

Kirsipuu, Tiina; Zadorožnaja, Anna; **Smirnova, Julia**; Friedemann, Merlin; Plitz, Thomas; **Tõugu, Vello**; **Palumaa, Peep** Scientific reports 2020 / art. 5686, 10 p. : ill <https://doi.org/10.1038/s41598-020-62560-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Corporate governance as a corporate social responsibility reporting determinant

Tapver, Triinu Eurasian economic perspectives : proceedings of the 28th Eurasia Business and Economics Society Conference 2020 / p. 113-128 https://doi.org/10.1007/978-3-030-48531-3_8 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

COVID-19's impact on the quality of educational process and the academic performance as viewed by IT students : a case study in text mining

Dunajeva, Olga; **Pentel, Avar**; **Maksimova, Natalja** ICL 2021: Mobility for Smart Cities and Regional Development - Challenges for Higher Education : proceedings of the 24th International Conference on Interactive Collaborative Learning (ICL2021). Vol. 1 2022 / p. 417-425 https://doi.org/10.1007/978-3-030-93904-5_42 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

CPT, CPTu and DCPT methods for predicting the ultimate bearing capacity of cast in situ displacement piles in silty soils

Leetsaar, Lehar; Korkiala-Tanttu, Leena; **Kurnitski, Jarek** Geotechnical and Geological Engineering 2023 / p. 631-652 <https://doi.org/10.1007/s10706-022-02292-6>

A cross-country comparison of user experience of public autonomous transport

Bellone, Mauro; Ismailogullari, Azat; Kantala, Tommi; Mäkinen, Sami; **Soe, Ralf-Martin**; Kyrrö, Milla Aman European transport research review 2021 / art. 19 <https://doi.org/10.1186/s12544-021-00477-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A deep learning system accurately classifies primary and metastatic cancers using passenger mutation patterns

Jiao, Wei; Atwal, Gurnit; Polak, Paz; Karlic, Rosa; Cuppen, Edwin; Al-Shahrour, Fatima; Bailey, Peter J.; Biankin, Andrew V.; Boutros, Paul C.; **Uusküla-Reimand, Liis** Nature Communications 2020 / art. 728, 12 p. : ill <https://doi.org/10.1038/s41467-019-13825-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dependence of the EEG nonlinear coupling on the frequency bands and the segment lengths

Orgo, Laura; Bachmann, Maie; Kalev, Kaia; Järvelaid, Mari; **Raik, Jaan; Hinrikus, Hiie** EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 799-802 https://doi.org/10.1007/978-981-10-5122-7_200

Designing a smart-contract application layer for transacting decentralized autonomous organizations

Norta, Alexander Advances in Computing and Data Sciences : first International Conference, ICACDS 2016, Ghaziabad, India, November 11-12, 2016 : revised selected papers 2017 / p. 595-604 http://doi.org/10.1007/978-981-10-5427-3_61

Determination of heat transfer coefficient of finned housing of a TEFC variable speed motor

Shams Ghahfarokhi, Payam; Kallaste, Ants; Podgornovs, Andrejs; **Belahcen, Anouar; Vaimann, Toomas; Asad, Bilal** Electrical Engineering 2021 / p. 1009–1017 : ill <https://doi.org/10.1007/s00202-020-01132-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determination of time-dependent sources and parameters of nonlocal diffusion and wave equations from final data

Janno, Jaan Fractional calculus and applied analysis 2020 / p. 1678–1701 <https://doi.org/10.1515/fca-2020-0083> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Did stalked echinoderms bioerode calcareous substrates? A possible boring crinoid attachment structure in a stromatoporoid from the early Silurian (Telychian) of Estonia

Vinn, Olev; Ausich, William I.; Wilson, Mark A.; **Toom, Ursula** Paläontologische Zeitschrift 2023 / p. 37-41 <https://doi.org/10.1007/s12542-022-00637-3>

Differential patterns of cross-reactive antibody response against SARS-CoV-2 spike protein detected for chronically ill and healthy COVID-19 naïve individuals

Jaago, Mariliis; Rähni, Annika; Pupina, Nadezda; **Sadam, Helle; Tuvikene, Jürgen; Avarlaid, Annela**; Planken, Anu; Planken, Margus; Haring, Liina; Vasar, Eero; Bacevic, Miljana; Lambert, France; Kalso, Eija; Pussinen, Pirkko; Tienari, Pentti J.; Vaheri, Antti; Lindholm, Dan; **Timmusk, Tõnis**; Ghaemmaghami, Amir M.; Palm, Kaia Scientific reports 2022 / art. 16817 : ill <https://doi.org/10.1038/s41598-022-20849-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Discordant amyloid- β PET and CSF biomarkers and its clinical consequences

Wilde, Arno de; **Reimand, Juhan**; Teunissen, Charlotte E.; Zwan, Marissa Alzheimer's Research & Therapy 2019 / art. 78, 13 p. : ill <https://doi.org/10.1186/s13195-019-0532-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Disentangling the impact of nutrient load and climate changes on Baltic Sea hypoxia and eutrophication since 1850

Meier, H.E. Markus; Eilola, Kari; Almroth-Rosell, Elin; **Väli, Germa** Climate dynamics 2019 / p. 1145–1166 : ill <https://doi.org/10.1007/s00382-018-4296-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Divergent mutational processes distinguish hypoxic and normoxic tumours

Bhandari, Vinayak; Li, Constance H.; Bristow, Robert G.; Boutros, Paul C.; Aaltonen, Lauri A.; Abascal, Federico; Abeshouse, Adam; Aburatani, Hiroyuki; Adams, David J.; Uusküla-Reimand, Liis Nature Communications 2020 / art. 737, 10 p. : ill <https://doi.org/10.1038/s41467-019-14052-x> [Article at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

DOME : recommendations for supervised machine learning validation in biology

Walsh, Ian; Fishman, Dmytro; Garcia-Gasulla, Dario; **Titma, Tiina**; Pollastri, Gianluca; Harrow, Jennifer; Psomopoulos, Fotis E.; Tosatto, Silvio C. E. Nature methods 2021 / p. 1122–1127 <https://doi.org/10.1038/s41592-021-01205-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Drivers of railway container transports between China and Finland

Hilmola, Olli-Pekka Kristian; Li, Weidong Journal of shipping and trade 2023 / art. aa <https://doi.org/10.1186/s41072-023-00151-y>

Droplet-based digital antibiotic susceptibility screen reveals singlecell clonal heteroresistance in an isogenic bacterial population

Scheler, Ott; Makuch, Karol; Debski, Pawel R.; **Smolander, Olli-Pekka** Scientific reports 2020 / art. 3282, 8 p. : ill

Educating the energy informatics specialist : opportunities and challenges in light of research and industrial trends

Bordin, Chiara; **Mishra, Sambeet**; Safari, Amir; Eliassen, Frank SN Applied Sciences 2021 / art. 674 <https://doi.org/10.1007/s42452-021-04610-8> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

EEG spectral asymmetry index detects differences between leaders and non-leaders

Pöld, Toomas; Bachmann, Maie; Orgo, Laura; Kalev, Kaia; Lass, Jaanus; Hinrikus, Hiie EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 17-20 https://doi.org/10.1007/978-981-10-5122-7_5

Effect of hard cyclic viscoplastic deformation on the microstructure, mechanical properties, and electrical conductivity of Cu-Cr alloy

Kommel, Lembit; Huot, Jacques; Omranpour Shahreza, Babak Journal of Materials Engineering and Performance 2022 / p. 9690-9702 <https://doi.org/10.1007/s11665-022-06997-w> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Elevator passenger in-cabin behaviour – a study on Smart-Elevator Platform

Basov, Kevin; Robal, Tarmo; Reinsalu, Uljana; Leier, Mairo Digital Business and Intelligent Systems : 15th International Baltic Conference, Baltic DB&IS 2022, Riga, Latvia, July 4-6, 2022 : proceedings 2022 / p. 3-18 : ill https://doi.org/10.1007/978-3-031-09850-5_1 Conference proceedings at Scopus Article at Scopus

Energy-efficiency of cardiomyocyte stimulation with rectangular pulses

Laasmaa, Martin; Lu, Pengfei; Vetic, Mladen; Louch, William Edward; Bergsland, Jacob; Balasingham, Ilango; **Vendelin, Marko** Scientific reports 2019 / art. 13307, p. 1–9 <https://doi.org/10.1038/s41598-019-49791-w> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Enhanced optical and thermal conductivity properties of barium titanate ceramic via strontium doping for thermo-optical applications

Tihti, Mohammed; Ibrahim, Jamal Eldin F. M.; Basyooni, Mohamed A.; En-nadir, Redouane; Belaid, Walid; Abdelfattah, Mohamed M.; **Hussainova, Irina**; Pszota, Gabor; Kocserha, Istvan Optical and Quantum Electronics 2023 / art. 226, 20 p. : ill <https://doi.org/10.1007/s11082-022-04516-8>

Erosive wear resistance of nature-inspired flexible materials

Kumar, Rahul, 1993-; Antonov, Maksim; Holovenko, Yaroslav; Surženkov, Andrei Tribology letters 2020 / art. 51, 8 p. : ill <https://doi.org/10.1007/s11249-020-01296-8> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Erratum: author correction: Alleviation of drought stress in pulse crops with ACC deaminase producing rhizobacteria isolated from acidic soil of Northeast India (Scientific reports (2018) 8 1 (3560))

Saikia, Juthika; Sarma, Rupak K.; Dhandia, Rajashree; Yadav, Archana; Bharali, Rupjyoti; **Gupta, Vijai Kumar**; Saikia, Ratul Scientific reports 2018 / art. 7000, 1 p. <https://doi.org/10.1038/s41598-018-25174-5> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Erratum: author correction: Insights into the functionality of endophytic actinobacteria with a focus on their biosynthetic potential and secondary metabolites production (Scientific reports (2017) 7 1 (11809))

Passari, Ajit Kumar; Mishra, Vineet Kumar; Singh, Garima; Singh, Pratibha; Kumar, Brijesh; **Gupta, Vijai Kumar; Sarma, Rupak Kumar; Saikia, Ratul; Donovan, Anthonia O'; Singh, Bhim Pratap** Scientific reports 2018 / art. 4650, 1 p. <https://doi.org/10.1038/s41598-018-22947-w> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Erratum: Microbiome definition re-visited: old concepts and new challenges (Microbiome (2020) 8 (103) DOI: 10.1186/s40168-020-00875-0)

Berg, Gabriele; Rybakova, Daria; Fischer, Doreen; Cernava, Tomislav; Vergès, Marie-Christine Champomier; Charles, Trevor C.; Chen, Xiaoyulong; Cocolin, Luca; Eversole, Kellye; **Sarand, Inga** Microbiome 2020 / art. 119, 1 p. <https://doi.org/10.1186/s40168-020-00905-x> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Ethics education in STEM in Eastern Europe, moral development or Pprofessional education?

Pevkur, Aive Building inclusive ethical cultures in STEM 2024 / p. 121-136 https://doi.org/10.1007/978-3-031-51560-6_8

Ethnic identity in transition : the potential impact of ethnicity on chronic illness' medication adherence in Post-Soviet Country

Lubi, Kadi; Raal, Ain; Taba, Pille Journal of Racial and Ethnic Health Disparities 2022 / p. 1089-1095 <https://doi.org/10.1007/s40615-021-01048-x> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The EU Horizon 2020 project GRACE : integrated oil spill response actions and environmental effects

Jørgensen, Kristen S.; Kreutzer, Anne; Lehtonen, Kari K.; Kankaanpää, Harri; Truu, Jaak; **Kõuts, Tarmo; Lilover, Madis-Jaak** Environmental sciences Europe 2019 / art. 44, 10 p. : ill <https://doi.org/10.1186/s12302-019-0227-8> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Evaluation of anonymization tools for health data

Vovk, Olga; Piho, Gunnar; Ross, Peeter Advances in Model and Data Engineering in the Digitalization Era : MEDI 2021 International Workshops: DETECT, SIAS, CSMML, BIOC, HEDA, Tallinn, Estonia, June 21–23, 2021 : proceedings 2021 / p. 302–313 https://doi.org/10.1007/978-3-030-87657-9_23 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Evaluation of some mechanical and physical properties of 'Oriented Strand Board (OSB/3)' following cyclic accelerated aging tests

Lille, Harri; **Kiviste, Mihkel**; Telling, Renar; Leppik, Taimo; Virro, Indrek; Kask, Regino European Journal of Wood and Wood Products 2022 / p. 731–740 <https://doi.org/10.1007/s00107-022-01803-9>

First crystal structure of an endo-levanase - the BT1760 from a human gut commensal *Bacteroides thetaiotaomicron*

Ernits, Karin; **Eek, Priit; Lukk, Tiit** Scientific reports 2019 / art. 8443, 13 p. : ill <https://doi.org/10.1038/s41598-019-44785-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fiscal performance under inflation and inflation surprises : evidence from fiscal reaction functions for the euro area

Staehr, Karsten; Tkacevs, Olegs; Urke, Katri Review of world economics 2024

Fish body geometry reduces the upstream velocity profile in subcritical flowing waters

Bensing, Katharina; **Tuhtan, Jeffrey Andrew; Toming, Gert; Khan, Ali Hassan**; Lehmann, Boris Aquatic sciences 2022 / p. 1-14 : ill <https://doi.org/10.1007/s00027-022-00863-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Flexibly graded monads and graded algebras

McDermott, Dylan; **Uustalu, Tarmo** Mathematics of Program Construction : 14th International Conference on Mathematics of Program Construction, MPC 2022, Tbilisi, September 26-28, 2022 : proceedings 2022 / p. 102-128 : ill https://doi.org/10.1007/978-3-031-16912-0_4 [Conference Proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#) [Conference proceeding at WOS](#)

Framework for connecting the mobility challenges in low density areas to smart mobility solutions: the case study of Estonian municipalities

Agriesti, Serio Angelo Maria; Soe, Ralf-Martin; Saif, Muhammad Atiullah European transport research review 2022 / art. 32 <https://doi.org/10.1186/s12544-022-00557-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fronts in the Baltic Sea : a review with a focus on its North-Eastern Part

Suursaar, Ülo; **Elken, Jüri**; Belkin, Igor M. The Handbook of Environmental Chemistry 2022 / p. 1-39 https://doi.org/10.1007/698_2021_813 [Article Collection metrics at Scopus](#) [Article at Scopus](#)

The Fuchs corneal dystrophy-associated CTG repeat expansion in the TCF4 gene affects transcription from its alternative promoters

Sirp, Alex; Leite, Kristian; Tuvikene, Jürgen; Nurm, Kaja; Sepp, Mari; Timmusk, Tõnis Scientific reports 2020 / art. 18424 <https://doi.org/10.1038/s41598-020-75437-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fuel air explosive weapons

Tsybulenko, Evhen International conflict and security law : a research handbook 2022 / p. 379-388 https://doi.org/10.1007/978-94-6265-515-7_17

Genomic footprints of activated telomere maintenance mechanisms in cancer

Sieverling, Lina; Hong, Chen; Koser, Sandra D.; Ginsbach, Philip; Kleinheinz, Kortine; Hutter, Barbara; Braun, Delia M.; Cortés-Ciriano, Isidro; Xi, Ruibin; **Uusküla-Reimand, Liis** Nature Communications 2020 / art. 733, 13 p. ill <https://doi.org/10.1038/s41467-019-13824-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Glendonite occurrences in the Tremadocian of Baltica: first Early Palaeozoic evidence of massive ikaite precipitation at temperate latitudes

Popov, Leonid E.; Alvaro, J. Javier; **Bauert, Heikki**; Ghobadi Pour, Mansoureh; Dronov, Andrei V.; **Hints, Olle; Männik, Peep** Scientific reports 2019 / art. 7205 ; 10 p.: ill <https://doi.org/10.1038/s41598-019-43707-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Global data on earthworm abundance, biomass, diversity and corresponding environmental properties

Phillips, Helen R. P.; Bach, Elizabeth M.; Bartz, Marie L. C.; Bennett, Joanne M.; Beugnon, Remy; Briones, Maria J. I.; Brown, George G.; Ferlian, Olga; Gongalsky, Konstantin B.; **Ivask, Mari** Scientific data 2021 / art. 136 <https://doi.org/10.1038/s41597-021-00912-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A global database for metacommunity ecology, integrating species, traits, environment and space

Jeliazkov, Alienor; Mijatovic, Darko; Chantepie, Stephane; **Reitalu, Triin** Scientific data 2020 / art. 6 ; 12 p. : ill <https://doi.org/10.1038/s41597-019-0344-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Gunshot acoustic event identification and shooter localization in a WSN of asynchronous multichannel acoustic ground

sensors

Astapov, Sergei; Berdnikova, Julia; Ehala, Johannes; Kaugerand, Jaanus; Preden, Jürjo-Sören Multidimensional systems and signal processing 2018 / p. 563-595 : ill <https://doi.org/10.1007/s11045-017-0479-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hydraulics of stratified sill flows within varying channel geometries : investigating energy loss and mixing of maximal two-layer exchange

Laanearu, Janek; Cuthbertson, Alan Environmental fluid mechanics 2023 / p. 429-464 <https://doi.org/10.1007/s10652-022-09899-6>

Identification and recombinant production of a flavonoid glucosyltransferase with broad substrate specificity from Vaccinium corymbosum

Kukk, Kaia Journal of plant biochemistry and biotechnology 2024 / 5 p <https://doi.org/10.1007/s13562-024-00876-2>

Identification, characterization and expression profiles of Fusarium udum stress-responsive WRKY transcription factors in Cajanus cajan under the influence of NaCl stress and Pseudomonas fluorescens OKC

Kumar, Gagan; Bajpai, Raina; Sarkar, Ankita; Mishra, Raj Kumar; Gupta, Vijai Kumar; Singh, Harikesh B.; Sarma, Birinchi K. Scientific reports 2019 / art. 14344, 9 p. : ill <https://doi.org/10.1038/s41598-019-50696-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Impact of the COVID-19 pandemic on nuclear medicine departments in Europe

Moreira, Ana Paula; Jamar, François; Ozcan, Zehra; Piciu, Doina; Als, Claudine; Franceschi, Maja; Trägårdh, Elin; Zagar, Ivana; Sowa-Staszczak, Anna; Nazarenko, Sergei European journal of nuclear medicine and molecular imaging 2021 / 4 p <https://doi.org/10.1007/s00259-021-05484-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Induction brazing of cermets to steel and eddy current testing of joint quality

Laansoo, Andres; Kübarsepp, Jakob; Surženkov, Andrei; Land, Raul; Märtens, Olev; Viljus, Mart Welding in the World 2020 / p. 563-571 <https://doi.org/10.1007/s40194-020-00854-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Industriestrategie der nächsten generation für Deutschland

Kattel, Rainer; Mazzucato, Mariana; Haverkamp, Keno; Ryan-Collins, Josh Wirtschaftsdienst 2020 / p. 757-762 <https://doi.org/10.1007/s10273-020-2759-3>

Intermediating smart specialisation and entrepreneurial discovery : the cases of Estonia and HelsinkiUusimaa

Müür, Jaanus Journal of the knowledge economy 2022 / p. 541-573 <https://doi.org/10.1007/s13132-021-00757-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Internal variables representation of generalized heat equations

Berezovski, Arkadi Continuum mechanics and thermodynamics 2019 / p. 1733-1741 <https://doi.org/10.1007/s00161-018-0729-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Internal variables used for describing the signal propagation in axons

Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel Continuum mechanics and thermodynamics 2020 / p. 1619-1627 <https://doi.org/10.1007/s00161-020-00868-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

INTERPOL

Tsybulenko, Evhen; Suarez, Sebastian International conflict and security law : a research handbook 2022 / p. 673-691 https://doi.org/10.1007/978-94-6265-515-7_32

Introduction to the Chemical Oceanography of Frontal Zones

Belkin, Igor M.; Aliani, Stefano; Alkire, Matthew B.; Badewien, Thomas H.; Berta, Maristella; Durán Gómez, Gloria Silvana; Eliassen, Solva Karadottir; Elken, Jüri; Griffa, Annalisa; Suursaar, Ülo The Handbook of Environmental Chemistry 2022 / p. 1-23 https://doi.org/10.1007/978-94-007-894-2_894 [Article Collection metrics at Scopus](#) [Article at Scopus](#)

Investigation of photoplethysmographic signal augmentation index estimation differences between fingers

Pilt, Kristjan; Silluta, Sandra; Kõõts, Kristina; Karai, Deniss; Meigas, Kalju; Viigimaa, Margus EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 819-822 : ill https://doi.org/10.1007/978-981-10-5122-7_205

Is digitalization a source of innovation? Exploring the role of digital diffusion in SME innovation performance

Hassan, Sohaib S.; Meisner, Konrad; Krause, Kevin; Bzhalava, Levan; Moog, Petra Small business economics 2023 <https://doi.org/10.1007/s11187-023-00826-7>

Job satisfaction of Estonian professional accountants

Tetsov, Liis; Gurvitš-Suits, Natalie Aleksandra; Strouhal, Jiri International advances in economic research 2021 / p. 79-81 <https://doi.org/10.1007/s11294-021-09819-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Könige und indikatoren : optionen für ein regieren ohne zahlen

Drechsler, Wolfgang Wissenschaft, Zahlen und Politik 2023 / p. 245-281 https://doi.org/10.1007/978-3-031-23073-8_11

Laser hybrid wire arc additive manufacturing for fabricating thin sections

Singh, Shalini; Jinoop, Arackal Narayanan; Tarun Kumar, Gorlea Thrinadh Ananthvenkata; Shukla, Ashish; Palani, Iyemperumal Anand; Resnina, Natalia; Paul, Christ Prakash; **Prashanth, Konda Gokuldoss** Transactions of the Indian National Academy of Engineering 2022 / p. 175–183 : ill <https://doi.org/10.1007/s41403-021-00258-3>

Lignocellulosic biomass (LCB) : a potential alternative biorefinery feedstock for polyhydroxyalkanoates production

Al-Battashi, Huda Sultan; Annamalai, Neelamegam; Sivakumar, Nallusamy; **Gupta, Vijai Kumar** Reviews in Environmental Science and Biotechnology 2019 / p. 183–205 : ill <https://doi.org/10.1007/s11157-018-09488-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Live-cell photoactivated localization microscopy correlates nanoscale ryanodine receptor configuration to calcium sparks in cardiomyocytes

Hou, Yufeng; **Laasmaa, Martin**; Li, Jia; Shen, Xin; Manfra, Ornella; Nordén, Einar S.; Le, Christopher; Zhang, Lili; Sjaastad, Ivar; Jones, Peter P.; Soeller, Christian; Louch, William Edward Nature cardiovascular research 2023 / p. 251-267 <https://doi.org/10.1038/s44161-022-00199-2>

Long wave generation and coastal amplification due to propagating atmospheric pressure disturbances

Dogan, Gozde Guney; Pelinovsky, Efim; Zaytsev, Andrey; Metin, Ayse Duha; Ozyurt Tarakcioglu, Gulizar; Yalciner, Ahmet Cevdet; Yalciner, Bora; **Didenkulova, Ira** Natural hazards 2021 / p. 1195-1221 : ill <https://doi.org/10.1007/s11069-021-04625-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Low altitude solar magnetic reconnection, type III solar radio bursts, and X-ray emissions

Cairns, I.H.; Lobzin, V.V.; Donea, A.; **Kudryavtseva, Nadezhda** Scientific reports 2018 / art. 1676, p. 1-12 : ill <https://doi.org/10.1038/s41598-018-19195-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Map-based localization and loop-closure detection from a moving underwater platform using flow features

Muhammad, Naveed; **Fuentes-Pérez, Juan Francisco**; **Tuhtan, Jeffrey Andrew**; **Toming, Gert**; **Kruusmaa, Maarja**; Musall, Mark Autonomous robots 2019 / p. 1419-1434 : ill <https://doi.org/10.1007/s10514-018-9797-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Marker enzyme activities in hindleg from creatine-deficient AGAT and GAMT KO mice - differences between models, muscles, and sexes

Barsunova, Karina; **Vendelin, Marko**; **Birkedal Nielsen, Rikke** Scientific reports 2020 / Art. 7956, 9 p <https://doi.org/10.1038/s41598-020-64740-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Massively parallel sequencing-enabled mixture analysis of mitochondrial DNA samples

Churchill, Jennifer D.; **Stoljarova, Monika**; King, Jonathan L.; Budowle, Bruce International Journal of Legal Medicine 2018 / 10 p. : ill <https://doi.org/10.1007/s00414-018-1799-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mechanism of low-level microwave radiation effect on brain : frequency limits

Hinrikus, Hiie; **Bachmann, Maie**; **Lass, Jaanus** EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 647-650 https://doi.org/10.1007/978-981-10-5122-7_162

Melanoma-specific antigen-associated antitumor antibody reactivity as an immune-related biomarker for targeted immunotherapies

Rähni, Annika; **Jaago, Mariliis**; **Sadam, Helle**; Pupina, Nadežda; Pihlak, Arno; **Tuvikene, Jürgen**; Annuk, Margus; Mägi, Andrus; **Timmusk, Tõnis**; Ghaemmaghami, Amir M.; **Palm, Kaia** Communications medicine 2022 / 11 p. : ill <https://doi.org/10.1038/s43856-022-00114-7>

Metadata harmonization-standards are the key for a better usage of omics data for integrative microbiome analysis

Cernava, Tomislav; Rybakova, Daria; Buscot, Francois; Clavel, Thomas; McHardy, Alice Carolyn; Meyer, Fernando; Meyer, Folker; Overmann, Jörg; Stecher, Bärbel; **Sarand, Inga** Environmental Microbiome 2022 / art. 33 <https://doi.org/10.1186/s40793-022-00425-1>

Method for evaluating information security level in organisations

Seeba, Mari; **Mäses, Sten**; Matulevičius, Raimundas Research Challenges in Information Science : 16th International Conference, RCIS 2022 : Barcelona, Spain, May 17–20, 2022 : proceedings 2022 / p. 644-652 : ill https://doi.org/10.1007/978-3-031-05760-1_39 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Microbial inoculation in rice regulates antioxidative reactions and defense related genes to mitigate drought stress

Singh, Dhananjaya P.; Singh, Vivek; **Gupta, Vijai Kumar**; Shukla, Renu; Prabha, Ratna; Sarma, Birinchi K.; Patel, Jai Singh Scientific reports 2020 / art. 4818, 17 p. : ill <https://doi.org/10.1038/s41598-020-61140-w> [Journal metrics at Scopus](#) [Article at Scopus](#)

Microbiome definition re-visited: old concepts and new challenges

Berg, Gabriele; Rybakova, Daria; Fischer, Doreen; **Sarand, Inga** Microbiome 2020 / art. 103, 22 p. : ill <https://doi.org/10.1186/s40168-020-00875-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microbiome of root vegetables - a source of gluten-degrading bacteria

Kõiv, Viia; **Adamberg, Kaarel**; **Adamberg, Signe**; Sumeri, Ingrid; Kasvandik, Sergo; Kisand, Veljo; Maiväli, Ülo; Tenson, Tanel Applied microbiology and biotechnology 2020 / p. 8871-8885 : ill <https://doi.org/10.1007/s00253-020-10852-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microstructural evolution and mechanical properties of selective laser melted Ti-6Al-4V induced by annealing treatment

Wang, Pei; Chen, Feng-hua; Eckert, J.; Pilz, S.; Scudino, S.; **Prashanth, Konda Gokuldoss** Journal of Central South University 2021 / p. 1068–1077 : ill <https://doi.org/10.1007/s11771-021-4680-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microstructure and nanoindentation creep behavior of binary Al-Cu alloy synthesized at high pressure

Ma, Pan; Zhang, Zhiyu; Liu, Xiao; Shi, Xuerong; **Prashanth, Konda Gokuldoss**; Jia, Yandong JOM : the journal of the minerals, metals & materials society 2023 / p. 176-183 <https://doi.org/10.1007/s11837-022-05545-0>

Microstructure and tribological behavior of Fe-based amorphous alloy fabricated by plasma spraying and laser remelting

Ma, Pan; Yang, Zhilu; Fang, Longfei; Zhang, Zhiyu; Fang, Yacheng; Zhang, Nan; **Prashanth, Konda Gokuldoss**; Jia, Yandong Transactions of the Indian Institute of Metals 2023 / p. 1007-1014 <https://doi.org/10.1007/s12666-022-02814-z>

Model and Data Engineering : 10th international conference, MEDI 2021, Tallinn, Estonia, June 21–23, 2021 : proceedings

2021 <https://doi.org/10.1007/978-3-030-78428-7>

Modeling the impact of indoor relative humidity on the infection risk of five respiratory airborne viruses

Aganovic, Amar; Bi, Yang; Cao, Guangyu; **Kurnitski, Jarek**; Wargocki, Pawel Scientific reports 2022 / art. 11481, 10 p. : ill <https://doi.org/10.1038/s41598-022-15703-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Moving the stakeholder journey forward

Hollebeek, Linda Desiree; Kumar, Viswanathan; Srivastava, Rajendra K.; Clark, Moira K. Journal of the academy of marketing science 2023 / p. 23-49 <https://doi.org/10.1007/s11747-022-00878-3>

Multiple point criticality principle and Coleman-Weinberg inflation

Racioppi, Antonio; **Rajasalu, Jürgen**; **Selke, Kaspar** Journal of high energy physics 2022 / art. 107, 26 p. : ill [https://doi.org/10.1007/JHEP06\(2022\)107](https://doi.org/10.1007/JHEP06(2022)107) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Neuralized family member NEURL1 is a ubiquitin ligase for the cGMP-specific phosphodiesterase 9A

Taal, Kati; Tuvikene, Jürgen; Rullinkov, Grete; **Piirsoo, Marko**; **Sepp, Mari**; **Neuman, Toomas**; **Tamme, Richard**; **Timmusk, Tõnis** Scientific reports 2019 / art. 7104, 12 p. : ill <https://doi.org/10.1038/s41598-019-43069-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Noise shocks and business cycle fluctuations in three major European Economies

Reigl, Nicolas Andreas Empirical Economics 2022 / p. 603–657 : ill <https://doi.org/10.1007/s00181-022-02272-y>

Novel data dependent divider circuit block implementation for complex division and area critical applications

Patankar, Udayan Sunil; Flores, Miguel E.; **Koel, Ants** Scientific reports 2023 / art. 3027, 28 p. : ill <https://doi.org/10.1038/s41598-023-28343-3>

A novel efficient and lightweight authentication scheme for secure smart grid communication systems

Hammami, Hamza; **Ben Yahia, Sadok**; Obaidat, Mohammad S. The Journal of Supercomputing 2023 <https://doi.org/10.1007/s11227-022-04944-z>

Occupational health care personnel tackling alcohol overuse - an observational study of work processes and patient characteristics

Kuronen, Jarmo; Winell, Klas; **Hartšenko, Jelena**; Räsänen, Kimmo BMC Public Health 2022 / art. 67 <https://doi.org/10.1186/s12889-021-12473-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the origin of Venn diagrams

Moktefi, Amirouche; Lemanski, Jens Axiomathes 2022 / p. 887–900 <https://doi.org/10.1007/s10516-022-09642-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the wave dispersion in microstructured solids

Berezovski, Arkadi; Yıldızdag, M. Erden; Scerrato, Daria Continuum mechanics and thermodynamics 2020 / p. 569-588

An ontology engineering case study for advanced digital forensic analysis

Chikul, Pavel; Bahsi, Hayretdin; Maennel, Olaf Manuel Model and Data Engineering : 10th International Conference, MEDI 2021, Tallinn, Estonia, June 21–23, 2021 : proceedings 2021 / p. 67–74 https://doi.org/10.1007/978-3-030-78428-7_6 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Optimized vibro-acoustic design of suspended glass panels

Aiello, Robert; **Auriemma, Fabio** Structural and multidisciplinary optimization 2018 / p. 2253–2268 : ill <https://doi.org/10.1007/s00158-018-2014-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Palaeoecological data indicates land-use changes across Europe linked to spatial heterogeneity in mortality during the Black Death pandemic

Izdebski, Adam; Guzowski, Piotr; Poniat, Radoslaw; Masci, Lucrezia; Palli, Jordan; Vignola, Cristiano; Bauch, Martin; Coccozza, Carlo; Fernandes, Ricardo; Ljungqvist, Fredrik; **Poska, Anneli; Reitalu, Triin; Stivrinš, Normunds; Veski, Siim** Nature Ecology & Evolution 2022 / p. 297–306 <https://doi.org/10.1038/s41559-021-01652-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Palaeoproterozoic oxygenated oceans following the Lomagundi–Jatuli Event

Mänd, Kaarel; Lalonde, Stefan V.; Robbins, Leslie J.; Thoby, Marie; Paiste, Kärt; Kreitsmann, Timmu; **Paiste, Päärm; Reinhard, Christopher T.; Romashkin, Alexandr E.; Planavsky, Noah J.; Kirsimäe, Kalle; Lepland, Aivo;** Konhauser, Kurt O. Nature geoscience 2020 / p. 302–306 <https://doi.org/10.1038/s41561-020-0558-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Pan-cancer analysis of whole genomes

Campbell, Peter J.; Getz, Gad; Korbel, Jan O.; Stuart, Joshua M.; Jennings, Jennifer L.; Stein, Lincoln D.; Perry, Marc D.; Nahal-Bose, Hardeep K.; Ouellette, B. F. Francis; **Uusküla-Reimand, Liis** Nature 2020 / 12 p. : ill <https://doi.org/10.1038/s41586-020-1969-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

PET and CSF amyloid- β status are differently predicted by patient features: Information from discordant cases

Reimand, Juhan; Wilde, Arno de; Teunissen, Charlotte E.; Zwan, Marissa Alzheimer's Research & Therapy 2019 / art. 100, 16 p. : ill <https://doi.org/10.1186/s13195-019-0561-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Physics shapes signals in nerves

Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel The European Physical Journal Plus 2022 / art. 696 <https://doi.org/10.1140/epjp/s13360-022-02883-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Pollen richness : a reflection of vegetation diversity or pollen-specific parameters?

Väli, Vivika; Odgaard, Bent Vad; Väli, Ülo; **Poska, Anneli** Vegetation history and archaeobotany 2022 / p. 611–622 <https://doi.org/10.1007/s00334-022-00879-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Preface

Bellatreche, Ladjel; Chernishev, George; Corral, Antonio; Ouchani, Samir; **Vain, Jüri** Advances in Model and Data Engineering in the Digitalization Era : MEDI 2021 International Workshops : DETECT, SIAS, CSMML, BIOC, HEDA, Tallinn, Estonia, June 21–23, 2021 : proceedings 2021 / p. v-vii <https://link.springer.com/content/pdf/bfm:978-3-030-87657-9/1?pdf=chapter%20toc> [Article collection metrics at Scopus](#) [Article at Scopus](#)

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Attiogbe, Christian; **Ben Yahia, Sadok** Model and Data Engineering : 10th International Conference, MEDI 2021, Tallinn, Estonia, June 21–23, 2021 : proceedings 2021 / p. v-vi <https://doi.org/10.1007/978-3-030-78428-7> [Conference proceeding at Scopus](#) [Article at Scopus](#)

Preface

Béziau, Jean-Yves; Desclés, Jean-Pierre; **Moktefi, Amirouche;** Pascu, Anca Christine Logic in Question : Talks from the Annual Sorbonne Logic Workshop (2011- 2019) 2022 / p. v-ix <https://link.springer.com/content/pdf/bfm:978-3-030-94452-0/1?pdf=chapter%20toc> [Article collection metrics at Scopus](#) [Article at Scopus](#)

Preface

Jajuga, Krzysztof; Locarek-Junge, Hermann; Orłowski, Lucjan T.; **Staehr, Karsten** Contemporary trends and challenges in finance : proceedings from the 5th Wrocław International Conference in Finance 2020 / p. v-vi <https://link.springer.com/content/pdf/bfm:978-3-030-43078-8/1?pdf=chapter%20toc> [Conference proceeding at Scopus](#) [Article at Scopus](#)

Premature failure of an additively manufactured material

Wang, Zhi; Xie, Meishen; Li, Yuanyuan; Zhang, Weiwen; Yang, Chao; **Kollo, Lauri;** Eckert, Jürgen; **Prashanth, Konda Gokuldoss** Npg Asia materials 2020 / art. 30, 10 p. : ill <https://doi.org/10.1038/s41427-020-0212-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Propidium iodide staining underestimates viability of adherent bacterial cells

Rosenberg, Merilin; Azevedo, Nuno F.; Ivask, Angela Scientific reports 2019 / art. 6483, 12 p. : ill <https://doi.org/10.1038/s41598-019-42906-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The prospects of strategic imagination in explaining international security challenges

Mölder, Holger Quality & Quantity : International Journal of Methodology 2023 / p. 55-76 <https://doi.org/10.1007/s11135-022-01386-w>

Pulsed laser deposition of Zn(O,Se) layers in nitrogen background pressure

Abdalla, Akram; Bereznev, Sergei; Spalatu, Nicolae; Volobujeva, Olga; Sleptšuk, Natalja; Danilson, Mati Scientific reports 2019 / art. 17443, 10 p. : ill <https://doi.org/10.1038/s41598-019-54008-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Quantization of the response signal differences for the electrical bioimpedance measurement

Annus, Paul; Land, Raul; Priidel, Eiko; Metshein, Margus; Min, Mart; Märten, Olev EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 290-293 : ill https://doi.org/10.1007/978-981-10-5122-7_73

Rapid in situ assessment of Cu-ion mediated effects and antibacterial efficacy of copper surfaces

Rosenberg, Merilin; Vilja, Heiki; Kahru, Anne; Keevil, William; Ivask, Angela Scientific reports 2018 / art. 8172, 8 p. : ill <https://doi.org/10.1038/s41598-018-26391-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reading past landscapes: combining modern and historical records, maps, pollen-based vegetation reconstructions, and the socioeconomic background

Poska, Anneli; Väli, Vivika; Tomson, Pille; **Vassiljev, Jüri;** Kihno, Kersti; **Alliksaar, Tiit;** Villoslada, Miguel; **Saarse, Leili;** Sepp, Kalev Landscape ecology 2018 / p. 529–546 : ill <https://doi.org/10.1007/s10980-018-0615-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Recovery of ro-pax ferry traffic from covid-19 under tightening environmental regulations : case Helsinki-Tallinn

Tapaninen, Ulla Pirita; Palu, Riina Journal of shipping and trade 2022 / art. 10 <https://doi.org/10.1186/s41072-022-00112-x>

Removal estimation of uremic CVD marker phosphate in dialysis using spectrophoto- and fluorimetric signals

Holmar, Jana; Arund, Jürgen; Kalle, Sigrid; Lauri, Kai; Luman, Merike; Tanner, Risto; Tomson, Ruth; Fridolin, Ivo EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 358-361 : ill https://doi.org/10.1007/978-981-10-5122-7_90

Renewable cellulosic nanocomposites for food packaging to avoid fossil fuel plastic pollution: a review

Qasim, Umair; Osman, Ahmed I.; Al-Muhtaseb, A.; Farrell, C.; Al-Abri, M.; Ali, M.; Vo, D.-V. N.; Jamil, F.; Rooney, D. W. Environmental chemistry letters 2021 / p. 613-641 <https://doi.org/10.1007/s10311-020-01090-x>

Research progress on composition design of multicomponent eutectic high entropy alloys

Wan, Shiguang; Ma, Pan; Yang, Hong; Zhang, Nan; Fang, Yacheng; Jia, Yandong; **Prashanth, Konda Gokuldoss** Transactions of the Indian Institute of Metals 2024 <https://doi.org/10.1007/s12666-023-03247-y>

Respiration of permeabilized cardiomyocytes from mice: no sex differences, but substrate-dependent changes in the apparent ADP-affinity

Karro, Niina; Laasmaa, Martin; Vendelin, Marko; Birkedal Nielsen, Rikke Scientific reports 2019 / art. 12592 <https://doi.org/10.1038/s41598-019-48964-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Security requirements elicitation from airline turnaround processes

Matulevičius, Raimundas; **Norta, Alexander;** Samarutėl, Silver Business & information systems engineering : BISE ; the international journal of wirtschaftsinformatik 2018 / p. 3-20 : ill <https://doi.org/10.1007/s12599-018-0518-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Selective antibiofilm properties and biocompatibility of nano-ZnO and nano-ZnO/Ag coated surfaces

Rosenberg, Merilin; Visnapuu, Meeri; Vija, Heiki Scientific reports 2020 / art. 13478, 15 p. : ill <https://doi.org/10.1038/s41598-020-70169-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Selective laser melting of TiC-based cermet : HIP studies

Maurya, Himanshu Singh; Kollo, Lauri; Tarraste, Marek; Juhani, Kristjan; Sergejev, Fjodor; Prashanth, Konda Gokuldoss Transactions of the Indian Institute of Metals 2023 / p. 565–570 : ill <https://doi.org/10.1007/s12666-022-02684-5>

Self assessment tool to bridge the gap between XR Technology, SMEs, and HEIs

Köse, Ahmet; Tepļakov, Aleksej; Alsaleh, Saleh Ragheb Saleh; Petlenkov, Eduard Extended Reality : First International Conference, XR Salento 2022, Lecce, Italy, July 6-8, 2022, Proceedings, Part I 2022 / p. 296–311 : ill <https://doi.org/10.1007/978-3-031->

Self-employment by gender in the EU: convergence and clusters

Faria, Joao Ricardo; **Cuestas, Juan Carlos**; Gil-Alana, Luis Alberiko; Mourelle, Estefania Empirica 2021 / p. 717-741

<https://doi.org/10.1007/s10663-020-09494-2> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

Sequencing and biological characterization of historical cynosurus mottle virus isolates from Germany

Frei, Martin; **Sarmiento Guerin, Maria Cecilia**; **Kärblane, Kairi**; Niehl, Annette; **Sömera, Merike** Archives of virology 2023 / art. 265 <https://doi.org/10.1007/s00705-023-05893-5>

Serum levels of miR-126 and miR-223 and outcomes in chronic kidney disease patients

Fourdinier, Ophélie; Schepers, Eva; Metzinger-Le Meuth, Valérie; Glorieux, Griet; Liabeuf, Sophie; Vanholder, Raymond; Brigant, Benjamin; Pletinck, Anneleen; **Fridolin, Ivo** Scientific reports 2019 / art. 447, 12 p. : ill <https://doi.org/10.1038/s41598-019-41101-8> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

Shielding static magnetic fields from Magnetic Resonance Imaging units by ferromagnetic material

Koppel, Tarmo; **Ross, Peeter**; Vilcane, Inese EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 743-746 : ill https://doi.org/10.1007/978-981-10-5122-7_186

Simulation of the fire resistance of cross-laminated timber (CLT)

Schmid, Joachim; Klippel, Michael; **Just, Alar**; Frangi, Andrea; Tiso, Mattia Fire technology 2018 / p. 1113–1148 : ill <https://doi.org/10.1007/s10694-018-0728-9> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

SLM-processed MoS2/Mo2S3 nanocomposite for energy conversion/storage applications

Alinejadian, Navid; Kazemi, Sayed Habib; Odnevall Wallinder, Inger Scientific reports 2022 / art. 5030 <https://doi.org/10.1038/s41598-022-08921-7> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

Social media services ecosystem for marginalized youth to access adult education

Pata, Kai; **Paas, Sille** Learning Technology for Education Challenges : 8th International Workshop, LTEC 2019, Zamora, Spain, July 15–18, 2019, proceedings 2019 / p. 369-380 https://doi.org/10.1007/978-3-030-20798-4_32 [Conference proceeding at Scopus Article at Scopus Article at WOS](#)

Soft-switching current-FED flyback converter with natural clamping for low voltage battery energy storage applications

Kosenko, Roman; **Vinnikov, Dmitri** Technological Innovation for Smart Systems : 8th IFIP WG 5.5/SOCOLNET Advanced Doctoral Conference on Computing, Electrical and Industrial Systems, DoCEIS 2017, Costa de Caparica, Portugal, May 3–5, 2017 : proceedings 2017 / p. 429–436 http://dx.doi.org/10.1007/978-3-319-56077-9_42

Solar collection multi-isosurface method : computational design advanced method for the prediction of direct solar access in urban environments

De Luca, Francesco; **Voll, Hendrik** Computer-Aided Architectural Design : Future Trajectories : 17th International Conference, CAAD Futures 2017, Istanbul, Turkey, July 12-14, 2017 : selected papers 2017 / p. 170-187 : ill https://doi.org/10.1007/978-981-10-5197-5_10

Spatial and temporal variability of ambient underwater sound in the Baltic Sea

Mustonen, Mirko; **Klauson, Aleksander**; Andersson, Mathias; Clorennec, Dominique Scientific reports 2019 / art. 13237, 13 p. : ill <https://doi.org/10.1038/s41598-019-48891-x> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

Static response and buckling loads of multilayered composite beams using the refined Zigzag theory and Higher-Order Haar Wavelet method

Sorrenti, M.; Di Sciuva, M.; **Majak, Jüri**; Auriemma, Fabio Mechanics of composite materials 2021 / 18 p <https://doi.org/10.1007/s11029-021-09929-2> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

Stroke volume assessment by impedance cardiography : comparative analysis with transthoracic echocardiography

Silluta, Sandra; **Pilt, Kristjan**; **Bischler, Elja**; **Kööts, Kristina**; **Meigas, Kalju**; **Viigimaa, Margus** EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 398-401 https://doi.org/10.1007/978-981-10-5122-7_100

Substitution of histidine 30 by asparagine in manganese superoxide dismutase alters biophysical properties and supports proliferation in a K562 leukemia cell line

Bonetta, Rosalin; Hunter, Gary J.; Trinh, Chi H.; Borowski, Tomasz; Fenech, Anthony G.; **Kulp, Maria**; Tabares, Leandro C.; Un, Sun; Hunter, Thérèse European biophysics journal 2021 / p. 571-585 : ill <https://doi.org/10.1007/s00249-021-01544-2> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

Subtle change in the work hardening behavior of fcc materials processed by selective laser melting

Sokkalingam, Rathinavelu; Sivaprasad, Katakam; **Singh, Neera**; Muthupandi, Veerappan; Ma, Pan; Jia, Yandong; **Prashanth, Konda Gokuldoss** Progress in additive manufacturing 2022 / p. 453-461 <https://doi.org/10.1007/s40964-022-00301-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Synergy of climate change with country success and city quality of life

Kaklauskas, Arturas; Abraham, Ajith; Kaklauskienė, Loreta; Ubarte, Ieva; Amaratunga, Dilanthi; **Lill, Irene**; Milevicius, Virginijus; Kaklauskaitė, Ulija Scientific Reports 2023 / art. 7872 <https://doi.org/10.1038/s41598-023-35133-4>

Synthesis of superhard lightweight composites and improvement of their properties via chemical processing

Kommel, Lembit; Tamm, Toomas; Metsvahi, Raido; Nokkur, Kadri Frontiers in materials processing, applications, research and technology : select proceedings of FiMPART 2015 2018 / p. 53-61 : ill https://doi.org/10.1007/978-981-10-4819-7_6
http://www.eston.ee/record=b4762647*est

Systematic literature review of methods for maintaining data integrity

Kask, Marten; Piho, Gunnar; Ross, Peeter Advances in Model and Data Engineering in the Digitalization Era : MEDI 2021 International Workshops: DETECT, SIAS, CSMML, BIOC, HEDA, Tallinn, Estonia, June 21–23, 2021 : proceedings 2021 / p. 259–268 https://doi.org/10.1007/978-3-030-87657-9_20 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

A systematic literature review on knowledge management in SMEs : current trends and future directions

Durst, Susanne; Foli, Samuel; Edvardsson, Ingi Runar Management review quarterly 2022 <https://doi.org/10.1007/s11301-022-00299-0> [Journal metrics at Scopus](#) [Article at Scopus](#)

Target prediction and validation of microRNAs expressed from FSHR and aromatase genes in human ovarian granulosa cells

Rooda, Ilmatar; Hensen, Kati; **Kaselt, Birgitta; Velthut-Meikas, Agne** Scientific reports 2020 / art. 2300, 13 p. : ill <https://doi.org/10.1038/s41598-020-59186-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Telescoped synthesis of vicinal diamines via ring-opening of electrochemically generated aziridines in flow

Laktsevich-Iskryk, Marharyta; Krech, Anastasiya; Fokin, Mihail; Kimm, Mariliis; Jarg, Tatsiana; Noël, Timothy; Ošeka, Maksim Journal of flow chemistry 2023 <https://doi.org/10.1007/s41981-023-00296-8>

Temperature optima of a natural diatom population increases as global warming proceeds

Hattich, G. S. I.; Jokinen, S.; **Sildever, Sirje**; Gareis, M.; Heikkinen, J.; Junghardt, N.; Segovia, M.; Machado, M.; Sjöqvist, C. Nature climate change 2024 <https://doi.org/10.1038/s41558-024-01981-9>

Temporal multi-view contracts for efficient test models

Guin, Jishu; Vain, Jüri; Tsiopoulos, Leonidas; Valdek, Gert Digital Business and Intelligent Systems : 15th International Baltic Conference, Baltic DB&IS 2022, Riga, Latvia, July 4-6, 2022 : proceedings 2022 / p. 136–151 https://doi.org/10.1007/978-3-031-09850-5_10 [Conference proceedings at Scopus](#) [Article at Scopus](#)

The education pillar of the Europe 2020 strategy : a convergence analysis

Cuestas, Juan Carlos; Monfort, Mercedes; Ordóñez, Javier Empirica 2021 / p. 1113-1129 <https://doi.org/10.1007/s10663-021-09504-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The effect of consumer values on engagement and behavioral intent : moderating role of age

Kautish, Pradeep; **Hollebeek, Linda Desiree**; Khare, Arpita; Rather, Raouf Ahmad Managing Disruptions in Business : Causes, Conflicts, and Control 2022 / p. 263-289 https://doi.org/10.1007/978-3-030-79709-6_14

The effects of ship wakes in the Venice Lagoon and implications for the sustainability of shipping in coastal waters

Scarpa, Gian Marco; Zaggia, Luca; **Parnell, Kevin Ellis; Soomere, Tarmo** Scientific reports 2019 / art. 19014, 14 p. : ill <https://doi.org/10.1038/s41598-019-55238-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The European structural and investment funds and public investment in the EU countries

Staehr, Karsten; Urke, Katri Empirica 2022 / p. 1031-1062 <https://doi.org/10.1007/s10663-022-09549-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The Formation of microcracks in water-saturated porous ceramics during freeze–thaw cycles followed by acoustic emission

Hulan, Tomaš; Knappek, Michal; **Kaljuvee, Tiit; Uibu, Mai** Journal of nondestructive evaluation 2021 / art. 13 <https://doi.org/10.1007/s10921-020-00748-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The impact of sociodemographic factors on the utilization of radiation therapy in breast cancer patients in Estonia: a register-based study

Shahrabi Farahani, Fereshteh; Paapsi, Keiu; Innos, Kaire International journal for equity in health 2021 / art. 152, 11 p <https://doi.org/10.1186/s12939-021-01497-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The importance of superspreaders on the spread of the global COVID-19 pandemic

Kalda, Jaan; Ratas, Mart; Kalda, Taavet; Ramazanli, Azer; Herrmann, Heiko; Belikov, Yuri 2021 <https://doi.org/10.21203/rs.3.rs-1167477/v1>

Thermal expansion behavior of Al–xSi alloys fabricated using selective laser melting

Jia, Yandong; Zhang, L.B.; Ma, Pan; Scudino, Sergio; Wang, G.; Yi, J.; Eckert, Jürgen; Prashanth, Konda Gokuldoss Progress in additive manufacturing 2020 / 11 p. : ill <https://doi.org/10.1007/s40964-020-00130-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

These rules are made for spending : testing and extending the law of 1/n

Bel, Germa; Raudla, Ringa; Rodrigues, Miguel; Tavares, Antonio Public choice 2018 / p. 41-60 : ill <https://doi.org/10.1007/s11127-017-0488-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Time dimensions of job autonomy in Estonian R&D institutions

Ruubel, Raul Journal of the knowledge economy 2021 / 21 p. : ill <https://doi.org/10.1007/s13132-020-00633-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Time-dependent variations in current harmonic emission by LED lamps in the low-voltage network

Iqbal, Muhammad Naveed; Kütt, Lauri; Asad, Bilal; Shabbir, Noman; Rasheed, Iftikhar Electrical Engineering 2021 / p. 1525-1539 : ill <https://doi.org/10.1007/s00202-020-01175-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Top-K formal concepts for identifying positively and negatively correlated biclusters

Houari, Amina; Ben Yahia, Sadok Model and Data Engineering : 10th International Conference, MEDI 2021, Tallinn, Estonia, June 21–23, 2021 : proceedings 2021 / p. 156-172 https://doi.org/10.1007/978-3-030-78428-7_13 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Towards a foundation of Web3

Buldas, Ahto; Draheim, Dirk; Gault, Mike; Saarepera, Märt Future Data and Security Engineering : Big Data, Security and Privacy, Smart City and Industry 4.0 Applications : 9th International Conference, FDSE 2022, Ho Chi Minh City, Vietnam, November 23-25, 2022 : proceedings 2022 / p. 3-18 https://doi.org/10.1007/978-981-19-8069-5_1 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Towards a smarter directional data aggregation in VANETs

Allani, Sabri; Yeferny, Taoufik; Chbeir, Richard; Ben Yahia, Sadok World Wide Web 2020 / p. 2303–2322 : ill <https://doi.org/10.1007/s11280-019-00749-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Towards high impact smart cities: a universal architecture based on connected intelligence spaces

Komninos, Nicos; Kakderi, Christina; Mora, Luca; Panori, Anastasia; Sefertzi, Elena Journal of the knowledge economy 2021 / p. 1169-1197 : ill <https://doi.org/10.1007/s13132-021-00767-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Transnational digital identity as an instrument for Global Digital Citizenship : The case of Estonia's e-Residency

Tammpuu, Piia; Masso, Anu Information systems frontiers 2019 / p. 621-634 : ill <https://doi.org/10.1007/s10796-019-09908-y> [Professor Anu Masso: e-residentsus taastoodab digitaalsed ebavõrdsust](#) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Trophoblast derived extracellular vesicles specifically alter the transcriptome of endometrial cells and may constitute a critical component of embryo-maternal communication

Godakumara, Kasun; Ord, James; Lättekivi, Freddy; Dissanayake, Keerthie; Viil, Janeli; Boggavarapu, Nageswara Rao; Faridani, Omid R.; Jääger, Kersti; Velthut-Meikas, Agne; Jaakma, Ülle; Salumets, Andres; Fazeli, Alireza Reproductive biology and endocrinology 2021 / art. 115 <https://doi.org/10.1186/s12958-021-00801-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

2022 follow-up : impact of the COVID-19 pandemic on nuclear medicine departments in Europe

Graham, Richard; Moreira, Ana Paula; Glaudemans, Andor W.J.M.; Jensen, Lars Thorbjørn; Mihailovic, Jasna; Nazarenko, Sergei; Ozcan, Zehra; Piciu, Doina; Wadsak, Wolfgang; Kunikowska, Jolanta European journal of nuclear medicine and molecular imaging 2022 / 7 p. : ill <https://doi.org/10.1007/s00259-022-05881-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Unemployment hysteresis by sex and education attainment in the EU

Cuestas, Juan Carlos; Gil-Alana, Luis Alberiko Journal of the knowledge economy 2023 <https://doi.org/10.1007/s13132-023-01106-1>

University autonomy and commercialization of publicly funded research : the case of Latvia

Muižniece, Lauma Journal of the knowledge economy 2021 / 22 p. : ill <https://doi.org/10.1007/s13132-020-00681-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

University ownership and information about the entrepreneurial opportunity in commercialisation : a systematic review and realist synthesis of the literature

Kalantaridis, Christos; **Küttim, Merle** Journal of Technology Transfer 2021 / p. 1487-1531 <https://doi.org/10.1007/s10961-019-09757-6>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Using zircon saturation thermometry of source magma in strongly altered volcanic ashes

Kiipli, Tarmo Acta geochimica 2022 / p. 406-418 : ill <https://doi.org/10.1007/s11631-021-00520-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Value for money : a cost-effectiveness analysis of microplastic analytics in seawater

Meyers, Nelle; Kopke, Kathrin; **Buhhalko, Natalja**; Mattsson, Karin; Janssen, Colin R.; Everaert, Gert; De Witte, Bavo Microplastics and nanoplastics 2024 / art. 4 <https://doi.org/10.1186/s43591-024-00081-x>

Variation of cardiac and respiratory waveform on human thorax in the case of inductive coupling

Metshein, Margus; Annus, Paul; Land, Raul; Krivošei, Andrei; Ojarand, Jaan; Aabloo, Alvo; **Min, Mart** EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 671-674 : ill https://doi.org/10.1007/978-981-10-5122-7_168

We don't know we don't know : asserting ignorance

Carrara, Massimiliano; Chiffi, Daniele; De Florio, Ciro; Pietarinen, Ahti-Veikko Synthese 2021 / p. 3565–3580
<https://doi.org/10.1007/s11229-019-02300-y>

Wear behavior of selective laser melted 06Cr15Ni4CuMo steel

Maya, Jayaraman; Sivaprasad, Katakam; Ravisankar, B.; **Prashanth, Konda Gokuldoss** Transactions of the Indian Institute of Metals 2024 <https://doi.org/10.1007/s12666-023-03216-5>

Whether it is I or we to praise for absorptive capacity : Data from Estonian medicine

Rungi, Mait Journal of the knowledge economy 2019 / p. 1536–1557 <https://doi.org/10.1007/s13132-019-00615-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Why make things simple when you can make them complicated? An appreciation of Lewis Carroll's symbolic logic

Moktefi, Amirouche Logica universalis 2021 / p. 359–379 : ill <https://doi.org/10.1007/s11787-021-00286-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)