“A Sane Island in an Ocean of Madness” : A case of alternative organisational ethics through post-growth values
Robra, Ben; **Pazaitis, Alexandros**; Levy, Arnaud Journal of business ethics 2025 / art. 140351 https://doi.org/10.1007/s10551-024-05921-7

A technology for building a compiler-writing system
Liib, Donald Data processing, compiler writing, programming 1986 / p. 77-84 https://www.ester.ee/record=b1275336*est https://digikogu.taltech.ee/et/Item/2f07e0bc-df93-4429-80b8-c48c8a98986b

AAV-mediated targeting of gene expression to the peri-infarct region in rat cortical stroke model
Mätlik, Kert; Abo-Ramadan, Usama; Harvey, Brandon K.; **Arumäe, Urmas**; Airavaara, Mikko Journal of neuroscience methods 2014 / p. 107-113 : ill https://doi.org/10.1016/j.jneumeth.2014.08.014 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

ABCE proteins’ role in RNA silencing suppression and their evolution = ABCE valkude roll RNA vaigistamise supressioonis ja nende evolutsioon
Möttus, Jelena 2024 https://doi.org/10.23658/taltech.43/2024 https://digikogu.taltech.ee/et/Item/fea618c9-0f5a-4bd5-b867-c36ab775f6f1 https://www.ester.ee/record=b5694239*est

ABCE1 is a highly conserved RNA silencing suppressor : [journal article]
Kärblane, Kairi; **Gerassimenko, Jelena**; **Nigul, Lenne**; **Piirsoo, Alla**; Smialowska, Agata; **Vinkel, Kadri**; Kylsten, Per; Ekwall, Karl; Swoboda, Peter; **Truve, Erkki**; **Sarmiento Guerin, Maria Cecilia** PLoS ONE 2015 / p. 1-17 : ill https://doi.org/10.1371/journal.pone.0116702 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

ABCE1 is essential for S phase progression in human cells
Toompuu, Marina; **Kärblane, Kairi**; **Pata, Pille**; **Truve, Erkki**; **Sarmiento Guerin, Maria Cecilia** Cell Cycle 2016 / p. 1234 - 1247 https://doi.org/10.1080/15384101.2016.1160972 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Abduction and diagrams
Pietarinen, Ahti-Veikko Logic journal of the IGPL 2020 / p. 447-468 https://doi.org/10.1093/jigpal/jzz034 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Abductive inference within a pragmatic framework
Chiffi, Daniele; **Pietarinen, Ahti-Veikko** Synthese 2020 / p. 2507-2523 https://doi.org/10.1007/s11229-018-1824-6 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Aberrant glycosylation of the anti-Thomsen-Friedenreich glycotope immunoglobulin G in gastric cancer patients
Kodar, Kristel; **Izotova, Jelena**; Klaamas, Kersti; Sergejev, Boriss; **Järvekülg, Lilian**; Kurtenkov, Oleg World journal of gastroenterology 2013 / p. 3573-3582 : ill https://doi.org/10.3748/wjg.v19.i23.3573 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Abiotic stress responses and microbe-mediated mitigation in plants: The omics strategies
Meena, Kamlesh K.; Sorty, Ajay M.; Bitla, Utkarsh M.; Choudhary, Khushboo; Gupta, Priyanka; Pareek, Ashwani; Singh, Dhananjaya P.; Prabha, Ratna; Sahu, Pramod K.; **Gupta, Vijai Kumar** Frontiers in plant science 2017 / art. 172, 25 p. : ill https://doi.org/10.3389/fpls.2017.00172 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

About technical terms of oil shale and shale oil
Reinsalu, Enno; Aarna, Indrek Oil shale 2015 / p. 291-292 https://artiklid.elnet.ee/record=b2750696*est https://doi.org/10.3176/oil.2015.4.01 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

About the essence of intelligence – will artificial intelligence (ever) cover human intelligence?
Jaakkola, Hannu; Thalheim, Bernhard; **Henno, Jaak** Information Modelling and Knowledge Bases XXXIII 2021 / p. 19-43 https://doi.org/10.3233/FAIA210475 Journal metrics at Scopus Article at Scopus

About the gasification of kukersite oil shale
Kann, Jüri; **Raukas, Anto**; **Siirde, Andres** Oil shale 2013 / p. 283-293 : ill https://doi.org/10.3176/oil.2013.2S.08 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Abrasion and erosion resistance of cermets : a review
Kübarsepp, Jakob; **Juhani, Kristjan**; **Tarraste, Marek** Materials 2022 / art. 69 https://doi.org/10.3390/ma15010069 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Abrasive impact wear and surface fatigue wear behaviour of Fe–Cr–C PTA overlays
Veinthal, Renno; **Sergejev, Fjodor**; **Zikin, Arkadi**; **Tarbe, Riho**; Hornung, Johann Wear 2013 / p. 102-108 https://www.sciencedirect.com/science/article/pii/S0043164813000999 https://doi.org/10.1016/j.wear.2013.01.077 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Abrasive wear performance of carbide composites
Klaasen, Heinrich; **Kübarsepp, Jakob** Wear 2006 / p. 520-526 : ill https://doi.org/10.1016/j.wear.2005.12.004

Abrasive wear resistance of HVOF sprayed and PTA-welded hardmetal hard phase reinforced metal-matrix based coatings
Tarbe, Riho; **Kulu, Priit**; Zikin, Arkadi; **Surženkov, Andrei** Engineering materials & tribology XXII 2014 / p. 3-7 https://doi.org/10.4028/www.scientific.net/KEM.604.3 Conference proceedings at Scopus Article at Scopus Conference proceedings at WOS Article at WOS

Abrasive wear resistant composite hardfacings with ex-situ and in-situ synthesized carbide reinforcement = Abrasiivkulumiskindlad komposiitpinded ex-situ ja in-situ sünteesitud karbiidkõvafaasiga
Tkachivskyi, Dmytro 2021 https://doi.org/10.23658/taltech.41/2021 https://digikogu.taltech.ee/et/Item/4ee05e38-b68b-4bb6-a708-6f2b8159f947

Abrasive-erosive wear of thermally sprayed coatings from experimental and commercial Cr3C2-based powders
Sarjas, Heikki; **Surženkov, Andrei**; **Juhani, Kristjan**; **Antonov, Maksim**; **Adoberg, Eron**; **Kulu, Priit**; **Viljus, Mart**; **Traksmaa, Rainer**; Matikainen, Ville; Vuoristo, Petri Journal of thermal spray technology 2017 / p. 2020-2029 : ill https://doi.org/10.1007/s11666-017-0638-2 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Abrupt Alnus population decline at the end of the first millennium CE in Europe – The event ecology, possible causes and implications
Latalowa, Malgorzata; Swięta-Musznicka, Joanna; Słowinski, Michal; **Stivrinš, Normunds** The Holocene 2019 / p. 1335-1349 : ill https://doi.org/10.1177/0959683619846978 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An abrupt change in winds that may radically affect the coasts and deep sections of the Baltic Sea
Soomere, Tarmo; Bishop, Steven R.; **Viška, Maija**; **Räämet, Andrus** Climate research 2015 / p. 163-171 : ill https://doi.org/10.3354/cr01269 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Abrupt rise in the contribution of CH4-derived carbon to benthic secondary production of a shallow hemiboreal/boreal lake
Belle, Simon; Tõnno, Ilmar; **Stivrinš, Normunds**; Freiberg, Rene; **Veski, Siim** Journal of quaternary science 2018 / p. 969-976 : ill https://doi.org/10.1002/jqs.3075 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Absolute convergence with speed and matrix transforms
Aasma, Ants; Natarajan, Pinnangudi N. TWMS Journal of applied and engineering mathematics 2024 / p. 1109-1120 https://jaem.isikun.edu.tr/web/index.php/archive/125-vol14no3/1241-absolute-convergence-with-speed-and-matrix-transforms Journal metrics at Scopus Article at Scopus

Absolute dynamic topography through synergizing sea level data sources utilizing a common and stable reference surface
Jahanmard, Vahidreza; **Delpeche-Ellmann, Nicole Camille**; **Ellmann, Artu** XXVIII General Assembly of the International Union of Geodesy and Geophysics (IUGG) 2023 https://doi.org/10.57757/IUGG23-1756

Absolute quantification of viable bacteria abundances in food by next-generation sequencing : quantitative NGS of viable microbes
Kallastu, Aili; Malv, Esther; **Aro, Valter**; Meikas, Anne; Vendelin, Mariann; **Kattel, Anna**; Nahku, Ranno; Kazantseva, Jekaterina Current Research in Food Science 2023 / art. 100443 https://doi.org/10.1016/j.crfs.2023.100443 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Abstract categorical semantics for resourceful functional reactive programming
Jeltsch, Wolfgang Journal of logical and algebraic methods in programming 2016 / p. 1177-1200 : ill https://doi.org/10.1016/j.jlamp.2016.07.001 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Abstract handling of information and knowledge
Tõugu, Enn Information modelling and knowledge bases XXVII 2016 / p. 129-136 https://doi.org/10.3233/978-1-61499-611-8-129 Article collection metrics at Scopus Article at Scopus Article at WOS

Abstraction and generalization in the logic of science : cases from nineteenth-century scientific practice
Cristalli, Claudia; **Pietarinen, Ahti-Veikko** HOPOS: The journal of the International Society for the History of Philosophy of Science 2021 / p. 93-121 https://doi.org/10.1086/713087 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Abstractive summarization of broadcast news stories for Estonian
Härm, Henry; **Alumäe, Tanel** Baltic journal of modern computing 2022 / p. 511-524 https://doi.org/10.22364/bjmc.2022.10.3.23 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Abuse of cyberspace within the crisis in Ukraine

Hamulak, Ondrej; Valuch, Jozef Lawyer Quarterly 2018 / p. 94 - 107
https://www.researchgate.net/publication/325630831_Abuse_of_cyberspace_within_the_crisis_in_Ukraine Journal metrics at Scopus Article at Scopus

AC losses analysis approaches for electric vehicle motors with hairpin winding configuration
Shams Ghahfarokhi, Payam; Podgornovs, Andrejs; Marques Cardoso, Antonio J.; **Kallaste, Ants**; **Belahcen, Anouar**; **Vaimann, Toomas** IECON 2021 - 47th Annual Conference of the IEEE Industrial Electronics Society, 2021 2021 / p. 1-4 : ill
https://doi.org/10.1109/IECON48115.2021.9589339 Conference Proceedings at Scopus Article at Scopus Article at WOS

AC magnetic loss reduction of SLM processed Fe-Si for additive manufacturing of electrical machines
Tiismus, Hans; **Kallaste, Ants**; **Belahcen, Anouar**; **Tarraste, Marek**; **Vaimann, Toomas**; **Rassõlkin, Anton**; **Asad, Bilal**; **Shams Ghahfarokhi, Payam** Energies 2021 / 13 p. : ill https://doi.org/10.3390/en14051241 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

AC measurement converters : analog and digital solutions
Märtens, Olev 2000 http://www.ester.ee/record=b1707866*est

Academic abilities, education and performance in the stock market
Talpsepp, Tõnn; **Liivamägi, Kristjan**; **Vaarmets, Tarvo** Journal of Banking & Finance 2020 / art. 105848
https://doi.org/10.1016/j.jbankfin.2020.105848 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Academic development support for implementing CDIO
Kase, Kärt; **Kasuk, Tiina**; **Rüütmann, Tiia**; **Sonk, Kaimo**; **Sell, Raivo**; **Annus, Ivar** 18th CDIO : International Conference : proceedings - full papers 2022 / p. 634-646 https://en.ru.is/media/cdio2022/CDIO_2022_Proceedings.pdf

Academic staff perceptions and attitudes towards learning analytics
Virkus, Sirje; Mandre, Sigrid; **Kasuk, Tiina** Smart learning ecosystems as engines of the green and digital transition : proceedings of the 8th Conference on Smart Learning Ecosystems and Regional Development 2023 / p. 3-19 https://doi.org/10.1007/978-981-99-5540-4_1

Academic startup clinic : applying effectuation and experiential principles to educate and support academic entrepreneurs
Hammoda, Basel Osama Sayed Ahmed Contemporary Enterprise and Entrepreneurship in Context 2025
https://www.routledge.com/Contemporary-Enterprise-and-Entrepreneurship-in-Context/Hepworth-Sawyer-Marrington-Hall-Beaumont/p/book/9781032349787?srsltid=AfmBOorW7cTvyHs3DHaPa-iVxywjakFbIdys8vhMMT0QdCh7oz4xR-t6

An academic unit and a journal : TalTech Law School and its publishing activity
Kerikmäe, Tanel The First Eurasian Forum of editors of scientific journals: "East - West: Authority And Potential", Baku at Khazar University, Kazakhstan, 16-17 March 2023 2023 / p. [?] An academic unit and a journal : TalTech Law School and its publishing activity

Academies of sciences in the contemporary world
Engelbrecht, Jüri; Šlaus, Ivo Trames 2022 / p. 131-139 https://doi.org/10.3176/tr.2022.2.01

Accelerated carbonation of Ca-rich fly ashes in non-cement applications = Kaltsiumirikka lendtuha kiirendatud karboniseerimine tsemendivabades rakendustes
Usta, Mustafa Cem 2023 https://doi.org/10.23658/taltech.63/2023 https://digikogu.taltech.ee/et/Item/5cd96499-8d75-44fa-9599-6d3eee32b244 https://www.ester.ee/record=b5645215*est

Accelerated carbonation technology granulation of industrial waste : effects of mixture composition on product properties
Berber, Hakan; **Tamm, Kadriann**; **Leinus, Mari-Liis**; **Kuusik, Rein, keemik**; **Tõnsuaadu, Kaia**; Paaver, Peeter; **Uibu, Mai** Waste management & research 2020 / p. 142-155 https://doi.org/10.1177/0734242X19886646 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Accelerated global MPPT for multimode series resonant DC-DC converter
Sidorov, Vadim; **Chub, Andrii**; **Vinnikov, Dmitri** 2021 IEEE 15th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) : Florence, Italy, 14-16 July 2021 2021 https://doi.org/10.1109/CPE-POWERENG50821.2021.9501077

Accelerating transient fault injection campaigns by using Dynamic HDL Slicing
Bagbaba, Ahmet Cagri; **Jenihhin, Maksim**; **Raik, Jaan**; Sauer, Christian 2019 IEEE Nordic Circuits and Systems Conference (NORCAS) : NORCHIP and International Symposium of System-on-Chip (SoC), 29-30 October 2019, Helsinki, Finland : proceedings in IEEE Xplore 2019 / 7 p. : ill https://doi.org/10.1109/NORCHIP.2019.8906932

Acceptance of the abolition of new year's eve fireworks : a theoretical and empirical analysis under the aspect of sustainability

Wellbrock, Wanja; Ludin, Daniela; Mueller, Erika; Weiss, Maximilian; Zeh, Matthias; **Gerstlberger, Wolfgang Dieter** European journal of sustainable development 2020 / p. 59-70 https://doi.org/10.14207/ejsd.2020.v9n4p59

Access to artificial intelligence for persons with disabilities : legal and ethical questions concerning the application of trustworthy AI
Joamets, Kristi; **Chochia, Archil** Acta Baltica historiae et philosophiae scientiarum 2021 / p. 51-66
https://doi.org/10.11590/abhps.2021.1.04 Journal metrics at Scopus Article at Scopus

Accessibility and orbits for discrete-time nonlinear control systems
Bartosiewicz, Zbigniew; **Kotta, Ülle**; Wyrwas, Malgorzata 60th IEEE Conference on Decision and Control, CDC 2021, Austin, 13-17 December 2021 2021 / p. 4594-4601 https://doi.org/10.1109/CDC45484.2021.9682853 Conference proceedings at Scopus Article at Scopus Article at WOS

Accessibility and presentability in 2-categories
Di Liberti, Ivan; **Loregian, Fosco** Journal of pure and applied algebra 2023 / art. 107155, 25 p
https://doi.org/10.1016/j.jpaa.2022.107155 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Accessibility and system reduction of nonlinear time-delay control systems
Bartosiewicz, Zbigniew; **Kaldmäe, Arvo**; Kawano, Yu; **Kotta, Ülle**; Pawluszewicz, Ewa; **Simha, Ashutosh**; Wyrwas, Małgorzata IEEE Transactions on Automatic Control 2021 / p. 3781−3788 https://doi.org/10.1109/TAC.2020.3028566 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Accessibility conditions of MIMO nonlinear control systems on homogeneous time scales
Bartosiewicz, Zbigniew; **Kotta, Ülle**; **Tõnso, Maris**; Wyrwas, Małgorzata Mathematical control and related fields 2016 / p. 217-250
https://doi.org/10.3934/mcrf.2016002 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Accessible battery model with aging dependency
Savard, Christophe; Iakovleva, Emiliia; Ivanchenko, Daniil; **Rassõlkin, Anton** Energies 2021 / art. 3493, 16 p
https://doi.org/10.3390/en14123493 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Accessible routes : evaluation and implementation of an inclusive indoor navigation app for people with disabilities
Helmer, Daniel; Weil, R.; Hinkelmann, Heiko; Reh, E.; Szilvas, K.; **Hollstein, Thomas** Gerontechnology 2024 / p. 1
https://doi.org/10.4017/GT.2024.23.S.988.OPP Journal metrics at Scopus Article at Scopus

Accommodation to defects in the discrete dynamic systems
Zhirabok, Alexey N.; **Kotta, Ülle**; **Shumsky, A. E.** Automation and remote control 2014 / p. 997-1009 : ill
https://doi.org/10.1134/S0005117914060010 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Accountability and risk governance : a scenario-informed reflection on European regulation of GMOs
Drott, Laura; Jochum, Lukas; Lange, Frederik; Skierka-Canton, Isabel; Vach, Jonas; Asselt, Marjolein B.A. van Journal of risk research 2013 / p. 1123-1140 https://doi.org/10.1080/13669877.2012.743161

Accounting for what and to whom? Accountability tensions in collaborations addressing long-term unemployment
Hansen, Magnus Paulsen; Triantafillou, Peter; Bello, Benedetta; Boon, Jan; Van Doninck, Dries; Downe, James; Hopkins, Cate; Klijn, Erik Hans; **Sarapuu, Külli**; Stevens, Vidar; Verhoest, Koen Social Policy & Administration 2022 / p. 1156-1171
https://doi.org/10.1111/spol.12846 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Accounting terminology as an important component of improving the professional knowledge
Alver, Jaan; **Alver, Lehte** Actual problems in the system of education: general secondary education institution - pre-university training - higher education institution 2022 / p. 81-97 https://doi.org/10.18372/2786-5487.1.16585

Accounting, management and accountability in times of crisis : lessons from the COVID-19 pandemic
Leoni, Giulia; Lai, Alessandro; Stacchezzini, Riccardo; Steccolini, Ileana; Brammer, Stephen; Linnenluecke, Martina; **Demirag, Istemihan Sefik** Accounting auditing & accountability journal 2021 / p. 1305-1319 https://doi.org/10.1108/AAAJ-05-2021-5279 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Accumulation of heavy minerals in the eastern coast of the Gulf of Riga, south-western Estonia
Järvelill, Johanna-lisebel; **Kleesment, Anne**; Raukas, Anto Bulletin of the Geological Society of Finland 2015 / p. 67 - 78
https://doi.org/10.17741/bgsf/87.2.002 Journal metrics at Scopus Article at Scopus

Accumulation of metals and changes in composition of freshwater lake organic sediments during the Holocene
Stankevica, Karina; Vincevica-Gaile, Zane; Klavins, Maris; Kalnina, Laimdota; **Stivrinš, Normunds**; Grudzinska, Ieva; **Kaup, Enn** Chemical geology 2020 / art. 119502, 14 p. : ill https://doi.org/10.1016/j.chemgeo.2020.119502 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Accuracy analysis of dual active bridge simulations under different integration methods

Arena, Gabriele; **Vinnikov, Dmitri**; **Chub, Andrii**; de Carne, Giovanni 2022 AEIT International Annual Conference (AEIT) : October 3-5, 2022 2022 / p. 1-6 https://doi.org/10.23919/AEIT56783.2022.9951711

Accuracy assessment of RTK-GNSS equipped UAV conducted as-built surveys for construction site modelling
Varbla, Sander; **Puust, Raido**; **Ellmann, Artu** Survey review 2021 / p. 477-492 https://doi.org/10.1080/00396265.2020.1830544 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Accuracy of the Mindlin model in A0 Lamb mode scattering from partial through-thickness damage
Lints, Martin; **Ratassepp, Madis** Applied Sciences (Switzerland) 2024 / art. 9351 https://doi.org/10.3390/app14209351 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Accuracy of voltage instrument transformers for harmonic measurements in Elering's 330-kV-transmission network
Meyer, Jan; Stiegler, Robert; **Kilter, Jako** PQ2016 : the 10th International Conference 2016 Electric Power Quality and Supply Reliability Conference (PQ) : August 29-31, 2016, Tallinn, Estonia : proceedings 2016 / p. 85-90 : ill https://doi.org/10.1109/PQ.2016.7724094

Accurate detection of paroxysmal atrial fibrillation with certified-GAN and neural architecture search
Asadi, Mehdi; Poursalim, Fatemeh; Loni, Mohammad; **Daneshtalab, Masoud**; Sjödin, Mikael; Gharehbaghi, Arash Scientific Reports 2023 / art. 11378, 16 p. : ill https://doi.org/10.1038/s41598-023-38541-8

Accurate dialysis dose evaluation and extrapolation algorithms during online optical dialysis monitoring
Fridolin, Ivo; **Karai, Deniss**; **Kostin, Sergei**; **Ubar, Raimund-Johannes** IEEE transactions on biomedical engineering 2013 / p. 1371-1377 : ill https://doi.org/10.1109/TBME.2012.2234458 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Accurate dynamic topography by satellite altimetry and marine geoidmodel
Mostafavi, Majid; **Delpeche-Ellmann, Nicole Camille**; **Ellmann, Artu** 13th Coastal Altimetry Workshop & Coastal Altimetry Training, 6-10 February 2023, Universidad de Cádiz, Spain : abstract 2023 / p. 36
https://www.coastalaltimetry.org/NikalWebsitePortal/coastal-altimetry-workshop/esa/ExtraContent/ContentSubPage?page=8&subPage=3

Accurate energy-efficient localization hybrid models for distributed IoT sensing
Jabberi, Maher; **Sellami, Bassem**; Hakiri, Akram; Alimi, Mohamed Adel 2024 IEEE/ACS 21st International Conference on Computer Systems and Applications (AICCSA) : proceedings : Sousse, TN, 22 October-26 October 2024 (2024) 2024
https://doi.org/10.1109/AICCSA63423.2024.10912590 Conference proceedings at Scopus Article at Scopus Article at WOS

Accurate prediction of international trade flows : leveraging knowledge graphs and their embeddings
Rincon-Yanez, Diego; **Ounoughi, Chahinez**; **Sellami, Bassem**; **Kalvet, Tarmo**; **Tiits, Marek**; Senatore, Sabrina; **Ben Yahia, Sadok** Journal of King Saud University - computer and information sciences 2023 / art. 101789, 11 p
https://doi.org/10.1016/j.jksuci.2023.101789 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Accurate sea surface heights from Sentinel-3A and Jason-3 retrackers by incorporating high-resolution marine geoid and hydrodynamic models
Mostafavi, Majid; **Delpeche-Ellmann, Nicole Camille**; **Ellmann, Artu** Journal of geodetic science 2021 / p. 58-74
https://doi.org/10.1515/jogs-2020-0120 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Achieving a high level of open market-information symmetry with decentralised insurance marketplaces on blockchains
Norta, Alexander; Rossar, Risto; Parve, Mart; Laas-Billson, Liina Intelligent Computing : proceedings of the 2019 Computing Conference. Volume 1 2019 / p. 299-318 https://doi.org/10.1007/978-3-030-22871-2_22 Conference proceedings at Scopus Article at Scopus

Achieving of Magnus effect with Agros Suite
Lukin, Aleksandr; **Demidova, Galina**; **Rassõlkin, Anton** Periodica polytechnica electrical engineering and computer science 2021 / p. 131-137 : ill https://doi.org/10.3311/PPee.17743 Journal metrics at Scopus Article at Scopus

An acid-free method of microfossil extraction from clay-rich lithologies using the surfactant Rewoquat
Jarochowska, Emilia; **Tonarová, Petra**; Munnecke, Axel; Ferrová, Lenka; Sklenář, Jan; Vodrážková, Stanislava Palaeontologia Electronica 2013 https://doi.org/10.26879/382 Journal metrics at Scopus Article at Scopus Journal metrics at WOS

Acidic pH enhances butyrate production from pectin by faecal microbiota
Raba, Grete; **Adamberg, Signe**; **Adamberg, Kaarel** FEMS Microbiology Letters 2021 / art. fnab042
https://doi.org/10.1093/femsle/fnab042 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Acidification by nitrogen metabolism triggers extracellular biopolymer production in an oleaginous yeast
Sepulveda Del Rio Hamacek, Henrique; **Tingajeva, Oksana**; **Ostertag, Katharina**; **Rekena, Alina**; **Illarionov, Aleksandr**; **Jõul, Piia**; **Monteiro de Oliveira, Paola**; de la Caridad Martin-Hernandez, Giselle; Müller, Bettina; **Bonturi, Nemailla**; **Passoth, Volkmar**; **Lahtvee, Petri-Jaan**; **Kumar, R.** Applied and environmental microbiology 2025 / rt. e00947-25, 23 p

https://doi.org/10.1128/aem.00947-25 https://journals.asm.org/doi/10.1128/aem.00947-25

The Acidity of Weak NH Acids : Expanding the pKa Scale in Acetonitrile
Lõkov, Märt; Kesküla, Carmen; Tshepelevitsh, Sofja; Pikma, Marta-Lisette; Saame, Jaan; **Trubitsõn, Dmitri**; **Kanger, Tõnis**; Leito, Ivo ACS Organic & Inorganic Au 2025 / p. 144–155 https://doi.org/10.1021/acsorginorgau.4c00095

AC-link based new microgrid system for research of local power flow management
Märss, Maido; Annuk, Andres; Allik, Alo; Uiga, Jaanus Agronomy research 2014 / p. 553-562
https://agronomy.emu.ee/vol122/2014_2_26_b5.pdf Journal metrics at Scopus Article at Scopus

Acoustic analysis of compact silencer solution based on microperforated panel
Villau, Margus; **Rämmal, Hans**; **Lavrentjev, Jüri** Modern Materials and Manufacturing 2023 : Tallinn, Estonia, 2–4 May 2023 2024 / art. 030014 https://doi.org/10.1063/5.0189854 Article at Scopus Conference Proceedings at Scopus

Acoustic and thermoacoustic properties of an additive manufactured lattice structure
Di Giulio, Elio; **Auriemma, Fabio**; Napolitano, Marialuisa; Dragonetti, Raffaele The Journal of the Acoustical Society of America 2021 / art. 3878 https://doi.org/10.1121/10.0005085 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Acoustic emission of Estonian clay Arumetsa during firing
Hulan, Tomaš; Štubna, Igor; **Kaljuvee, Tiit** THERMOPHYSICS 2018: 23rd International Meeting of Thermophysics 2018 : Smolenice, Slovakia, 7–9 November 2018 2018 / art. 020016, [6] p https://doi.org/10.1063/1.5047610 Conference proceedings at Scopus Article at Scopus Article at WOS

Acoustic forward model for guided wave propagation and scattering in a pipe bend
Rasgado Moreno, Carlos Omar; **Rist, Marek**; **Land, Raul**; **Ratassepp, Madis** Sensors 2022 / art. 486
https://doi.org/10.3390/s22020486 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Acoustic lumped element techniques to measure the low frequency response of porous materials
Di Giulio, Elio; Napolitano, Marialuisa; Romano, Rosario Aniello; **Auriemma, Fabio**; Dragonetti, Raffaele Proceedings of the 10th Convention of the European Acoustics Association 2023 : Forum Acusticum, September 11-15, 2023 2024 / p. 3497-3502
https://doi.org/10.61782/fa.2023.1056

Acoustic noise computation of electrical motors using the boundary element method
Sathyan, Sabin; Aydin, Ugur; **Belahcen, Anouar** Energies 2020 / art. 0245 https://doi.org/10.3390/en13010245 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Acoustic performance of an additive manufactured lattice structure
Auriemma, Fabio; **Liu, Le** IOP conference series : materials science and engineering 2021 / art. 012002, 5 p.: ill
https://doi.org/10.1088/1757-899X/1140/1/012002

Acoustic performance of micro-grooved elements
Auriemma, Fabio Applied acoustics 2017 / p. 128-137 : ill https://doi.org/10.1016/j.apacoust.2017.02.019 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Acoustic radiation of a submerged cylindrical shell in low frequency
Van de Loock, Julien; **Klauson, Aleksander** Journal of the Acoustical Society of America 2013 / p. EL26-EL32 : ill
https://doi.org/10.1121/1.4769398 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Acoustic spectrum analysis of genuine and counterfeit euro coins
Gavrijaševa, Alina; **Märtens, Olev**; **Land, Raul** Elektronika ir elektrotechnika = Electronics and electrical engineering 2015 / p. 54-57 : ill https://doi.org/10.5755/j01.eee.21.3.10384 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Acoustic study of multi-layered microperforated elements for fibreless noise control applications
Villau, Margus; **Rämmal, Hans**; **Lavrentjev, Jüri** IOP conference series : materials science and engineering 2021 / art. 012015, 7 p. : ill https://doi.org/10.1088/1757-899X/1140/1/012015

Acoustic study of novel eco-friendly material for vehicle NVH applications
Rämmal, Hans; **Lavrentjev, Jüri** Materials today: proceedings 2020 / p. 2331-2337 https://doi.org/10.1016/j.matpr.2020.04.632 Conference proceedings at Scopus Article at Scopus Article at WOS

Acoustic study on motorcycle helmets with application of novel porous material
Lavrentjev, Jüri; **Rämmal, Hans** SAE Technical Paper Series : The 25th Small Engine Technology Conference (SETC2019) : Small Powertrains–Innovating for Their Future Role, International Conference Center Hiroshima, November 19-21, 2019 : Final program 2020 / Paper 2019-32-0531, p. 1-7 : ill https://www.sae.org/publications/technical-papers/content/2019-32-0531/ http://www.setc-jsae.com/2019docs/SETC2019_FinalProgram_all.pdf Conference proceedings at Scopus Article at Scopus

Acoustic study on tubular micro-perforated flow plug sections for vehicle silencer's application
Villau, Margus; **Rämmal, Hans**; **Lavrentjev, Jüri** SAE Technical Paper 2022 / p. 1-7 https://doi.org/10.4271/2022-01-0933 https://www.sae.org/publications/technical-papers/content/2022-01-0933/ Conference proceedings at Scopus Article at Scopus

Acoustical methods for investigating turbocharger flow instabilities
Kabral, Raimo; **Rämmal, Hans**; Abom, Mats SAE Technical Papers 2013 https://doi.org/10.4271/2013-01-1879 Conference Proceedings at Scopus Article at Scopus

Acquisition of O2 adsorption isotherms as thorough characterization of nanocrystalline titanium dioxide photocatalysts
Moiseev, Anna; **Kritševskaja, Marina**; **Preis, Sergei** Surfaces and interfaces 2019 / p. 44-49 : ill https://doi.org/10.1016/j.surfin.2018.11.003 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Data acquisition workflow utilizing lod3 geometry templates and point clouds for urban building energy modelling
Iliste, Elisa; **Pikas, Ergo**; **Kalamees, Targo**; **Viik, Joosep** Proceedings of the 2024 European Conference on Computing in Construction 2024 / p. 689-696 https://doi.org/10.35490/EC3.2024.221 Conference proceedings at Scopus Article at Scopus

Acridinium photocatalyzed monofluoromethyl radical cascade reaction of alkenes with iodine(III) reagent : A mechanistic study
Ramkumar, Nagarajan; Raiskuma, Anete Patricija; Baumane, Larisa; Kinens, Artis; Traskovskis, Kaspars; **Ošeka, Maksim**; Veliks, Janis Advanced synthesis & catalysis 2025 / 12 p https://doi.org/10.1002/adsc.70069

Acta Baltica Historiae et Philosophiae Scientiarum
2025 https://www.bahps.org/acta-baltica/abhps-13-1/

Acta Baltica Historiae et Philosophiae Scientiarum
2023 https://www.bahps.org/acta-baltica/abhps-11-2/ https://www.ester.ee/record=b2941458*est

Acta Baltica historiae et philosophiae scientiarum
2024 https://www.bahps.org/acta-baltica/abhps-12-2/

Acta Baltica historiae et philosophiae scientiarum
2024 https://www.bahps.org/acta-baltica/abhps-12-1/ https://www.ester.ee/record=b2941458*est

Acta Baltica historiae et philosophiae scientiarum
2023 https://www.bahps.org/acta-baltica/abhps-11-1/ https://www.ester.ee/record=b2941458*est

Activated persulfate and hydrogen peroxide treatment of highly contaminated water matrices: a comparative study
Dulova, Niina; **Kattel, Eneliis**; **Trapido, Marina** International journal of environmental science and development 2020 / p. 549−554 https://doi.org/10.18178/ijesd.2020.11.12.1306 Journal metrics at Scopus Article at Scopus

Activation and reactivity of Estonian oil shale cyclone ash towards SO_2 binding
Kaljuvee, Tiit; Trass, Olev; **Pihu, Tõnu**; **Konist, Alar**; **Kuusik, Rein, keemik** Journal of thermal analysis and calorimetry 2015 / p. 19-28 : ill https://doi.org/10.1007/s10973-014-4308-z Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Activation in organic and macromolecular including peptide synthesis by fluorinated carboxylic acids and derivatives
Percec, Virgil; **Adamson, Jasper**; Maurya, Devendra S. European journal of organic chemistry 2025 / 11 p. https://doi.org/10.1002/ejoc.202500776

Activation of oil shale ashes for sulfur capture
Trass, Olev; **Kuusik, Rein, keemik**; **Kaljuvee, Tiit** Oil shale 2018 / p. 375-385 : ill https://doi.org/10.3176/oil.2018.4.07 http://www.kirj.ee/public/oilshale_pdf/2018/issue_4/OS-2018-4-375-385.pdf Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Active blended learning as a tool focused on industry 5.0 at EuroTeQ Engineering University
Vodovozov, Valery; **Raud, Zoja**; **Petlenkov, Eduard** 2024 IEEE Global Engineering Education Conference (EDUCON) : proceedings 2024 / p. 1-5 https://doi.org/10.1109/EDUCON60312.2024.10578688 Conference proceedings at Scopus Article at Scopus Article at WOS

Active blended learning engineering students : a case study
Vodovozov, Valery; **Raud, Zoja**; **Petlenkov, Eduard** Education Sciences 2022 / art. 344 https://doi.org/10.3390/educsci12050344 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Active blended learning of industry 5.0-oriented sustainable power engineering specialists
Vodovozov, Valery; **Raud, Zoja**; **Petlenkov, Eduard** First International Conference on Sustainable Energy Education (SEED 2024) : proceedings 2024 / p. 719-725 https://doi.org/10.4995/SEED2024.2024.19007

Active chitosan–chestnut extract films used for packaging and storage of fresh pasta
Kõrge, Kristi; Bajić, Marijan; Likozar, Blaž; Novak, Uroš International Journal of Food Science and Technology 2020 / p. 3043 - 3052 https://doi.org/10.1111/ijfs.14569 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Active clamped dual current-fed bidirectional DC-DC converter for wide voltage range applications
Chauhan, Sachin; **Blinov, Andrei**; **Chub, Andrii**; **Vinnikov, Dmitri** 2024 IEEE 65th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2024 / 7 p https://doi.org/10.1109/RTUCON62997.2024.10830838

Active front end converters with voltage balancing capability
Verbytskyi, Ievgen; **Blinov, Andrei**; **Chub, Andrii**; **Vinnikov, Dmitri**; **Kyselova, Anna** 2024 IEEE 65th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2024 / 5 p https://doi.org/10.1109/RTUCON62997.2024.10830902

Active front-end DC grid-forming converter design with power balancing capability
Verbytskyi, Ievgen; **Blinov, Andrei**; **Chub, Andrii**; **Vinnikov, Dmitri** 2025 IEEE Seventh International Conference on DC Microgrids (ICDCM) 2025 / 6 p https://doi.org/10.1109/ICDCM63994.2025.11144688

Active inference and abduction
Pietarinen, Ahti-Veikko; Beni, Majid D. Biosemiotics 2021 / p. 499–517 https://doi.org/10.1007/s12304-021-09432-0 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Active learning of students with diverse goals and backgrounds in the light of Industry 4.0 requirements
Vodovozov, Valery; **Raud, Zoja**; **Petlenkov, Eduard** Proceedings of the 2022 IEEE Global Engineering Education Conference (EDUCON) 2022 / p. 351-355 https://doi.org/10.1109/EDUCON52537.2022.9766564

Active learning-based mobile malware detection utilizing auto-labeling and data drift detection
Deng, Zhe; Hubert, Arthur; **Ben Yahia, Sadok**; **Bahsi, Hayretdin** Proceedings of the 2024 IEEE International Conference on Cyber Security and Resilience, CSR 2024 2024 / p. 146 - 151 https://doi.org/10.1109/CSR61664.2024.10679343 Article at Scopus Article at WOS

Active methods in entrepreneurship education : a case study with engineering students
Hammoda, Basel Osama Sayed Ahmed; Winkler, Christoph European journal of engineering education 2024 / p. 1203-1226 https://doi.org/10.1080/03043797.2024.2384893 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Active methods in entrepreneurship education : a competency-based approach to investigate their theoretical foundations and effectiveness = Aktiivõppe meetodid ettevõtlusõppes : pädevuspõhine lähenemine nende teoreetiliste aluste ja tõhususe uurimiseks
Hammoda, Basel Osama Sayed Ahmed 2024 https://www.ester.ee/record=b5703100*est https://digikogu.taltech.ee/et/Item/0902f217-6fec-4ce8-84cd-dec3369bc56a https://doi.org/10.23658/taltech.58/2024

Active power electronic transformer based on modular building blocks
Roasto, Indrek; Romero-Cadaval, Enrique; Martins, Joao Proceedings : IECON 2013 - 39th Annual Conference of the IEEE Industrial Electronics Society : Austria Center Vienna, Vienna, Austria, 10-14 November, 2013 2013 / p. 5922-5927 : ill https://doi.org/10.1109/IECON.2013.6700106 Conference Proceedings at Scopus Article at Scopus

Active redundancy in fault tolerance : A modular switch level solution with synchronous switching
Shirodkar, Aditya; Banavath, Satish Naik; **Chub, Andrii**; Mandrioli, Riccardo; Ricco, Mattia 2025 IEEE Seventh International Conference on DC Microgrids (ICDCM) 2025 / 6 p https://doi.org/10.1109/ICDCM63994.2025.11144667 Conference at Scopus

Active redundancy in isolated DC-DC converters: A modular solution for fault tolerance
Shirodkar, Aditya; Banavath, Satish Naik; **Yadav, Neelesh**; **Chub, Andrii**; Mandrioli, Riccardo 2025 IEEE 19th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2025 / 5 p https://doi.org/10.1109/CPE-POWERENG63314.2025.11027280

Active surveillance of patients who have sentinel node positive melanoma : an international, multiinstitution evaluation of adoption and early outcomes after the Multicenter Selective Lymphadenectomy trial II (MSLTII2)
Broman, Kristy K.; Hughes, Tasha M.; Dossett, Lesly A.; Sun, James; Kirichenko, Dennis A.; Carr, Michael J.; Sharma, Avinash; Bartlett, Edmund K.; Nijhuis, Amanda AG.; Teras, Jüri; **Teras, Roland Martin** Cancer 2021 / p. 2251-2261 https://doi.org/10.1002/cncr.33483

Active vs passive novelty-related strategies : sex differences in exploratory behaviour and monoaminergic systems
Liiver, Kristi; Imbeault, Sophie; **Školnaja, Marianna**; Kaart, Tanel; Kanarik, Margus; Laugus, Karita; De Wettinck, Jade; Pulver, Aleksander; Shimmo, Ruth; Harro, Jaanus Behavioural brain research 2023 / art. 114297 https://doi.org/10.1016/j.bbr.2023.114297 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Active-passive two-way ranging protocol for positioning systems = Aktiiv-passiivne kauguste mõõtmise protokoll

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

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

The Activities of IGIP
Polyakova, Tatiana; Prikhodko, Viacheslav; **Rüütmann, Tiia**; **Auer, Michael E.** The International Society for Engineering Pedagogy: 1972–2022 2023 / p. 33–146 https://doi.org/10.1007/978-3-031-19890-8_2 Article collection metrics at Scopus Article at Scopus

Activity-based costing (ABC) and time-driven activity-based costing (TDABC) : applicable methods for university libraries?
Kont, Kate-Riin; **Jantson, Signe** Evidence based library and information practice 2011 / p. 107-119 : ill https://doi.org/10.18438/B8GG8Z

Actual energy performance and indoor climate in Finnish NZEB daycare and school buildings
Ahmed, Kaiser; Hasu, Tero; **Kurnitski, Jarek** Journal of building engineering 2022 / art. 104759 https://doi.org/10.1016/j.jobe.2022.104759 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Acyclicity conditions on pasting diagrams
Hadzihasanovic, Amar; **Kessler, Diana-Maria** Applied categorical structures 2024 / art. 31 https://doi.org/10.1007/s10485-024-09784-x Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

AdAM: Adaptive Approximate Multiplier for Fault Tolerance in DNN Accelerators
Taheri, Mahdi; **Cherezova, Natalia**; Nazari, Samira; **Azarpeyvand, Ali**; **Ghasempouri, Tara**; **Daneshtalab, Masoud**; **Raik, Jaan**; **Jenihhin, Maksim** IEEE transactions on device and materials reliability 2024 / p. 66-75 : ill https://doi.org//10.1109/TDMR.2024.3523386

AdAM: adaptive fault-tolerant approximate multiplier for edge DNN accelerators
Taheri, Mahdi; **Cherezova, Natalia**; Nazari, Samira; **Rafiq, Ahsan**; **Azarpeyvand, Ali**; **Ghasempouri, Tara**; **Daneshtalab, Masoud**; **Raik, Jaan**; **Jenihhin, Maksim** 2024 IEEE European Test Symposium (ETS): ETS 2024 : May 20-24, 2024, The Hague, Netherlands : proceedings 2024 https://doi.org/10.1109/ETS61313.2024.10567161 Conference Proceedings at Scopus Article at Scopus Article at WOS

Adaptability, interpretability and rule weights in fuzzy rule-based systems
Riid, Andri; **Rüstern, Ennu** Information sciences 2014 / p. 301-312 : ill https://doi.org/10.1016/j.ins.2012.12.048 Journal metrics at Scopus Article at Scopus Article at WOS

Adaptation of Laboratory tests for the assessment of wear resistance of drill-bit inserts for rotary-percussive drilling of hard rocks
Saai, Afaf; Bjorge, Ruben; Dahl, Filip; **Antonov, Maksim** Wear 2020 / art. 203366, 10 p. : ill https://doi.org/10.1016/j.wear.2020.203366 Journal metrics at Scopus Article at Scopus Journal metrics ast WOS Article at WOS

Adaptation of logistics companies to operation under the Covid-19 pandemic restrictions
Prokopenko, Olha; **Prause, Gunnar Klaus**; Otenko, Vasil; Cherkashyna, Maiia; Kara, Inna; Imnadze, Iraklii Acta logistica 2023 / p. 47-60 https://doi.org/10.22306/al.v10i1.349

Adaptation of striated muscles to Wolframin deficiency in mice : alterations in cellular bioenergetics
Tepp, Kersti; Puurand, Marju; Timohhina, Natalja; **Aid-Vanakova, Jekaterina**; Reile, Indrek; Ševtšuk, Igor; Tšekulajev, Vladimir; Eimre, Margus; Peet, Nadežda; Kadaja, Lumme; Paju, Kalju; Käämbre, Tuuli Biochimica et biophysica acta 2020 / art. 129523 https://doi.org/10.1016/j.bbagen.2020.129523

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

Adapting a traditional organizational culture to the needs of a global business
Nikčević, Gordana; **Bauk, Sanja** Journal of East European Management Studies 2025 / art. 39792, 13 p https://doi.org/10.31083/JEEMS39792 Article at WOS

Adapting mechanochemical C–N bond forming reactions for greener synthesis of pharmaceuticals
Nikonovich, Tatsiana; **Nallaparaju, Jagadeesh Varma**; **Mishra, Kamini Atindrakumar**; **Jarg, Tatsiana**; **Kudrjašova, Marina**; **Kananovich, Dzmitry**; **Aav, Riina** GSFMT Scientific Conference 2023 : Tartu, 23-24 May, 2023 : abstracts 2023 / art. O21 : ill

https://fmtdk.ut.ee/programm-2023/ https://fmtdk.ut.ee/wp-content/uploads/2023/05/Nikonovich.pdf

Adaptive chaotic class topper optimization to solve Non-convex CHPED problems in power systems
Gupta, Pradeep Kumar; **Tuttelberg, Kaur**; **Kilter, Jako** 2024 IEEE PES Innovative Smart Grid Technologies - Asia (ISGT Asia) 2024 / 6 p. https://doi.org/10.1109/ISGTAsia61245.2024.10876314

An adaptive class topper optimization for scheduling thermal generation with cubic fuel cost function
Gupta, Pradeep Kumar; Gupta, Anju Kumari; **Tuttelberg, Kaur**; **Kilter, Jako** 2025 15th International Conference on Power, Energy, and Electrical Engineering (CPEEE) 2025 / p. 195-199 https://doi.org/10.1109/CPEEE64598.2025.10987339

Adaptive consensus reaching process with hybrid strategies for large-scale group decision making
Tang, Ming; Liao, Huchang; Xu, Jiuping; Streimikiene, Dalia; **Zheng, Xiaosong** European journal of operational research 2020 / p. 957-971 : ill https://doi.org/10.1016/j.ejor.2019.10.006

Adaptive controller for networked control systems subjected to random communication delays
Srinivasan, Seshadhri; Saravanakumar, G.; Subathra, B.; **Kotta, Ülle** Soft computing applications : proceedings of the 7th International Workshop Soft Computing Applications (SOFA 2016). Vol. 1 2018 / p. 78-94 https://doi.org/10.1007/978-3-319-62521-8_8 Conference proceedings at Scopus Article at Scopus Article at WOS

Adaptive Extended Kalman Filter position estimation based on Ultra-Wideband Active-Passive Ranging Protocol
Laadung, Taavi; Ulp, Sander; **Fjodorov, Aleksei**; **Alam, Muhammad Mahtab**; **Le Moullec, Yannick** IEEE Access 2023 / p. 92575-92588 https://doi.org/10.1109/ACCESS.2023.3308696 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Adaptive frequency-based power management for off-grid hybrid photovoltaic converters
Gonschorowsk, Ezequiel; Cardoso, Rafael; **Carvalho da Silva, Edivan Laercio**; **Stein, Carlos Marcelo De Oliveira**; Carati, Emerson Giovani; Denardin, Gustavo Weber; da Costa, Jean Patric Eletronica de potencia 2024 / art. e202440 https://doi.org/10.18618/REP.e202440

Adaptive Kalman filter based data aggregation in fault-resilient Underwater Sensor Networks
Vihman, Lauri; **Raik, Jaan** 2023 24th International Conference on Digital Signal Processing (DSP) 2023 / p. 1-5 https://doi.org/10.1109/DSP58604.2023.10167982

Adaptive LINE-P : an adaptive linear energy prediction model for wireless sensor network nodes
Ahmed, Faisal; **Tamberg, Gert**; **Le Moullec, Yannick**; **Annus, Paul** Sensors 2018 / art. 1105, 26 p. : ill https://doi.org/10.3390/s18041105 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Adaptive LQR controller for Networked Control Systems subjected to random communication delays
Srinivasan, Seshadhri; Vallabhan, Mishiga; Ramaswamy, Srini; **Kotta, Ülle** American Control Conference (ACC), 2013 : 17 - 19 June 2013, Washington, DC, USA (2013) 2013 / p. 783 - 787 https://doi.org/10.1109/acc.2013.6579931 Conference Proceedings at Scopus Article at Scopus

Adaptive ventilation for climate control in a medieval church in cold climate
Napp, Margus; Wessberg, Magnus; **Kalamees, Targo**; Broström, Tor International journal of ventilation 2016 / p. 1-14 : ill https://doi.org/10.1080/14733315.2016.1173289 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Adaptive virtual inertia-damping system based on model predictive control for low-inertia microgrids
Fawzy, Asmaa; **Bakeer, Abualkasim Ahmed Ali**; **Magdy, Gaber**; Atawi, Ibrahem E.; Roshdy, Mohamed IEEE Access 2021 / p. 109718 - 109731 https://doi.org/10.1109/ACCESS.2021.3101887 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

ADAssure : debugging methodology for autonomous driving control algorithms
Roberts, Andrew James; **Heidari Iman, Mohammad Reza**; **Bellone, Mauro**; **Ghasempouri, Tara**; **Raik, Jaan**; **Maennel, Olaf Manuel**; Hamad, Mohammad; Steinhorst, Sebastian 2024 Design, Automation & Test in Europe Conference & Exhibition (DATE) : proceedings 2024 / p. 1-6 https://doi.org/10.23919/DATE58400.2024.10546519 Journal metrics at Scopus Article at Scopus Article at WOS

ADCS development for student CubeSat satellites - TalTech case study
Rassõlkin, Anton; **Vaimann, Toomas**; **Org, Peeter**; **Leibak, Alar**; **Gordon, Rauno**; **Priidel, Eiko** Proceedings of the Estonian Academy of Sciences 2021 / p. 268-285 : ill https://doi.org/10.3176/proc.2021.3.06 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Added value of post-secondary education in Estonia
Küttim, Merle; **Hartšenko, Jelena**; **Riivits-Arkonsuo, Iivi** HEAd'19 : 5th International Conference on Higher Education Advances : proceedings 2019 / p. 65-73 https://doi.org/10.4995/HEAd19.2019.9437

Adding waste paper to clay plaster to raise its ability to buffer moisture
Nutt, Nele; **Kubjas, Ardo**; **Nei, Lembit** Proceedings of the Estonian Academy of Sciences 2020 / p. 179–185 : ill https://doi.org/10.3176/proc.2020.3.01 https://kirj.ee/public/proceedings_pdf/2020/issue_3/proc-2020-3-179-185.pdf Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Additive cellular automata graded-monadically
Capobianco, Silvio; **Uustalu, Tarmo** PPDP '23 : proceedings of the 25th International Symposium on Principles and Practice of Declarative Programming 2023 / art. 13, 9 p https://doi.org/10.1145/3610612

Additive manufacturing : alloy design and process innovations
Prashanth, Konda Gokuldoss; Wang, Zhi Materials 2020 / art. 542, 2 p https://doi.org/10.3390/ma13030542 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Additive manufacturing and allied technologies
Sivaprasad, Katakam; Ramesh Babu, Nagumothu; **Prashanth, Konda Gokuldoss** International Journal of Materials Research = Zeitschrift für Metallkunde 2023 / p. 823 https://doi.org/10.1515/ijmr-2023-3011

Additive Manufacturing and Performance of E-Type Transformer Core
Tiismus, Hans; **Kallaste, Ants**; **Belahcen, Anouar**; **Rassõlkin, Anton**; **Vaimann, Toomas**; **Shams Ghahfarokhi, Payam** Energies 2021 / art. 3278 https://doi.org/10.3390/en14113278 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Additive manufacturing of a martensitic Co–Cr–Mo alloy : Towards circumventing the strength–ductility trade-off
Wang, Zhi; Tang, S.Y.; Scudino, Sergio; Ivanov, Y.P.; Qu, R.T.; Wang, D.; Yang, C.; Zhang, W.W.; Greer, A.L.; Eckert, Juergen H.; **Prashanth, Konda Gokuldoss** Additive Manufacturing 2021 / art. 101725 https://doi.org/10.1016/j.addma.2020.101725 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Additive manufacturing of aluminum-based metal matrix composites - a review
Tang, Shengyang; Ummethala, Raghunandan; Suryanarayana, Challapalli; Eckert, Jürgen; **Prashanth, Konda Gokuldoss**; Wang, Zhi Advanced engineering materials 2021 / 2100053 https://doi.org/10.1002/adem.202100053

Additive manufacturing of CMCs with bimodal microstructure
Maurya, Himanshu Singh; Vikram, R. J.; Kosiba, Konrad; **Juhani, Kristjan**; **Sergejev, Fjodor**; Suwas, Satyam; **Prashanth, Konda Gokuldoss** Journal of alloys and compounds 2023 / art. 168416, 5 p. : ill https://doi.org/10.1016/j.jallcom.2022.168416 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Additive manufacturing of CoCrFeMnNi high-entropy alloy/AISI 316L stainless steel bimetallic structures
Sokkalingam, Rathinavelu; Chao, Zhao; Sivaprasad, Katakam; Muthupandi, Veerappan; Jayaraj, Jayamani; Ramasamy, Parthiban; Eckert, Jürgen; **Prashanth, Konda Gokuldoss** Advanced engineering materials 2023 / art. 2200341 https://doi.org/10.1002/adem.202200341 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Additive manufacturing of cryogenic chemically complex alloys with sponge bone-like reticular nanoscale superstructure
Xie, Kaiqiang; Ma, Pan; Fang, Yacheng; Yang, Hong; Wan, Shiguang; Wu, Zhibin; **Shi, Jinqiang**; **Prashanth, Konda Gokuldoss**; Gargarella, Piter; Zhang, Lunyong Composites Part B : Engineering 2025 / art. 112786 https://doi.org/10.1016/j.compositesb.2025.112786

Additive manufacturing of electrical machines - towards the industrial use of a novel technology
Vaimann, Toomas; **Kallaste, Ants** Energies 2023 / art. 544 https://doi.org/10.3390/en16010544 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Additive manufacturing of Mo-Mo(x)S(x+1) functional structures : engineering and electrochemical applications = Lisandustehnoloogia teel valmistatud Mo-Mo(x)S(x+1) funktsionaalsed struktuurid inseneri- ja elektrokeemilistele rakendustele
Alinejadian, Navid 2022 https://doi.org/10.23658/taltech.43/2022 https://digikogu.taltech.ee/et/Item/636a0175-ae97-4a28-a2a1-c3b75c7c1eb6 https://www.ester.ee/record=b5511559*est

Additive manufacturing of Nd-based permanent magnets from recycled materials : innovations, challenges, and prospects
Sarwar, Waqas Ahmed; **Tiismus, Hans** Future Frontiers : PhD Conference on Emerging Technologies : Book of Abstracts 2025 / p. 25 ; poster 16 https://tuit.ut.ee/sites/default/files/2025-05/PhD%20Conference%202025%20Book%20of%20Abstracts_pub3.pdf

Additive manufacturing of prototype axial flux switched reluctance electrical machine
Tiismus, Hans; **Kallaste, Ants**; **Belahcen, Anouar**; **Vaimann, Toomas**; **Rassõlkin, Anton** 2021 28th International Workshop on Electric Drives : Improving Reliability of Electric Drives (IWED) 2021 / 4 p. : ill https://doi.org/10.1109/IWED52055.2021.9376337

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

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

Additive manufacturing of TiC-based cermets : a detailed comparison with spark plasma sintered samples
Maurya, Himanshu Singh; Jayaraj, Jayamani; Vikram, Raja Jothi; **Juhani, Kristjan**; **Sergejev, Fjodor**; **Prashanth, Konda Gokuldoss** Journal of alloys and compounds 2023 / art. 170436 https://doi.org/10.1016/j.jallcom.2023.170436 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Additive manufacturing of TiC-based cermets with Fe-based binders using novel laser scan techniques = Titaankarbiidsete Fe-baasil sideainega kermiste valmistamine uudse laserskaneeriva kihtlisandustehnoloogia teel
Maurya, Himanshu Singh 2023 https://doi.org/10.23658/taltech.61/2023 https://digikogu.taltech.ee/et/Item/3dad7b12-4a7a-4c9d-8162-30388c52bf5e https://www.ester.ee/record=b5645217*est

Additively manufactured advanced thermal management solutions for electrical machines = Kihtlisandusmeetodil valmistatud täiustatud jahutuslahendused elektrimasinatele
Sarap, Martin 2025 https://www.ester.ee/record=b5755150*est https://digikogu.taltech.ee/et/Item/e8fe803d-bbda-41c5-b78d-3aef7b1fd504 https://doi.org/10.23658/taltech.54/2025

Additively manufactured and topology optimized heatsink for a propulsion motor
Sarap, Martin; **Kallaste, Ants**; **Vaimann, Toomas**; Shams Ghahfarokhi, Payam 2024 International Conference on Electrical Machines (ICEM) 2024 / 6 p https://doi.org/10.1109/ICEM60801.2024.10700108

Additively manufactured mesostructured MoSi2-Si3N4 ceramic lattice
Minasyan, Tatevik; **Liu, Le**; **Holovenko, Yaroslav**; **Aydinyan, Sofiya**; **Hussainova, Irina** Ceramics international 2019 / p. 9926-9933 https://doi.org/10.1016/j.ceramint.2019.02.035 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Additively manufactured spoke-type permanent magnet rotors : Solutions to multidisciplinary design challenges and comparison with traditional design
Ajamloo, Akbar Mohammadi; **Tiismus, Hans**; **Kallaste, Ants**; Ibrahim, Mohamed N.; Sergeant, Peter IEEE transactions on energy conversion 2025 / 12 p. http://doi.org/10.1109/TEC.2025.3619827 https://ieeexplore.ieee.org/document/11197694

Addressing cross-coupling issues in magnetically integrated three-port DC-DC converters
Carvalho da Silva, Edivan Laercio; **Blinov, Andrei**; Sohail, Umer; **Chub, Andrii** 2024 IEEE 21st International Power Electronics and Motion Control Conference (PEMC) 2024 / 5 p https://doi.org/10.1109/PEMC61721.2024.10726373

Addressing ethical matters in Ukrainian accounting practice
Zhatkin, Yurii; **Gurvitš, Natalja**; Strouhal, Jiri Economics and sociology 2017 / p. 167-178 : tab https://doi.org/10.14254/2071-789X.2017/10-3/12 Journal metrics at Scopus Article at Scopus

Addressing housing needs of the displaced people promoting resilient and sustainable communities
Jayakody, Chathuranganee; Malalgoda, Chamindi Ishara; Amaratunga, Dilanthi; Haigh, Richard; Liyanage, Champika; Hamza, Mo; **Witt, Emlyn David Qivitoq**; Fernando, Nishara International Journal of Disaster Resilience in the Built Environment 2022 / p. 368-385 : ill https://doi.org/10.1108/IJDRBE-09-2021-0124 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Addressing scalability issues in semantics-driven recommender systems
Bendouch, Mounir M.; Frasincar, Flavius; **Robal, Tarmo** WI-IAT '21: IEEE/WIC/ACM International Conference on Web Intelligence 2021 / p. 56-63 https://doi.org/10.1145/3486622.3493963 Conference Proceedings at Scopus Article at Scopus Article at WOS

Addressing security issues in Industry 4.0 through quantum key distribution
Auriemma, Fabio; Ejrnaes, Mikkel Proceedings of the Estonian Academy of Sciences 2025 / p. 175-180 https://doi.org/10.3176/proc.2025.2.17

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

Adhesion of AlCrN coating deposited on TiB2/Ti composites sinteredby SPS dedicated for high temperature tribological applications
Michalczewski, Remigiusz; Kalbarczyk, M.; Slomka, Z.; **Hussainova, Irina**; **Liu, Le**; **Antonov, Maksim** IOP conference series : materials science and engineering 2021 / art. 012010, 9 p https://doi.org/10.1088/1757-899X/1140/1/012010

Adhesion of single-walled carbon nanotube thin films with different materials
Rajanna, Pramod M.; Luchkin, Sergey; Larionov, Konstantin; Grebenko, Artem; Popov, Zakhar; Sorokin, Pavel; **Danilson, Mati**; **Bereznev, Sergei**; Lund, Peter D.; Nasibulin, Albert The journal of physical chemistry letters 2020 / p. 504−509 https://doi.org/10.1021/acs.jpclett.9b03552 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Adjoint functor theorems for lax-idempotent pseudomonads
Arkor, Nathanael; Di Liberti, Ivan; **Loregian, Fosco** Theory and Applications of Categories 2024 / p. 667-685
http://www.tac.mta.ca/tac/volumes/41/20/41-20.pdf Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Adjoint polynomial formulas for nonlinear state-space realization
Belikov, Juri; **Kotta, Ülle**; **Tõnso, Maris** IEEE transactions on automatic control 2014 / p. 256-261
https://doi.org/10.1109/TAC.2013.2270868 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Adjusted electrical equivalent circuit model of induction motor with broken rotor bars
Rassõlkin, Anton; **Vaimann, Toomas**; **Belahcen, Anouar**; **Kallaste, Ants**; Petrov, Aleksei; Plokhov, Igor; Kotelnikov, Aleksandr PQ2016 : the 10th International Conference 2016 Electric Power Quality and Supply Reliability Conference (PQ) : August 29-31, 2016, Tallinn, Estonia : proceedings 2016 / p. 213-218 : ill https://doi.org/10.1109/PQ.2016.7724115

Adjusting university education with workspace training and self-education
Henno, Jaak; Jaakkola, Hannu; Mäkelä, Jukka 2018 41st International Convention on Information and Communication Technology, Electronics and Microelectronics (MIPRO 2018), Opatija, Croatia, 21-25 May 2018 : proceedings 2018 / p. 701–708 : ill
https://doi.org/10.23919/MIPRO.2018.8400131

Administrative burden reduction over time : literature review, trends and gap analysis
Meyerhoff Nielsen, Morten; Goncalves Veiga, Linda; Carvalho, Nuno Ramos; Barbosa, Luis Soares ICEGOV '17 : proceedings of the 10th International Conference on Theory and Practice of Electronic Governance : New Delhi AA, India, March 7-9, 2017 2017 / p. 140-148 https://doi.org/10.1145/3047273.3047334 Conference proceedings at Scopus Article at Scopus

Administrative culture : [article in collection]
MacCarthaigh, Muiris; **Saarniit, Leno** The Oxford encyclopedia of public administration 2019 / p. 1-41
https://doi.org/10.1093/acrefore/9780190228637.013.1452

Adoption is not enough: Institutionalization of e-participation initiatives
Randma-Liiv, Tiina Public policy and administration 2023 / p. 329-351 https://doi.org/10.1177/09520767211069199 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Adoption of identification of medicinal products standards in Europe : health authorities and industry insights
Jones, Katrin European Studies: The Review of European Law, Economics and Politics 2024 / p. 274 - 299
https://doi.org/10.2478/eustu-2024-0012 Journal metrics at Scopus Article at Scopus

ADP protects cardiac mitochondria under severe oxidative stress
Sokolova, Niina; Pan, Shi; Provazza, Sarah; Beutner, Gisela; **Vendelin, Marko**; **Birkedal, Rikke**; Sheu, Shey-Shing PLoS ONE 2013 / art. e83214 https://doi.org/10.1371/journal.pone.0083214 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

ADSecData platform: an open-source data platform for autonomous driving cybersecurity
Roberts, Andrew James; **Malayjerdi, Mohsen**; **Bellone, Mauro**; **Sell, Raivo**; **Maennel, Olaf Manuel**; **Hamad, Mohammad**; **Steinhorst, Sebastian** 2025 IEEE 101st Vehicular Technology Conference, VTC2025-Spring : proceedings 2025 / 7 p
https://doi.org/10.1109/VTC2025-Spring65109.2025.11174582

ADSecLang: a domain-specific language for cybersecurity testing of autonomous vehicles
Roberts, Andrew James; **Cheng, Jingyue**; **Maennel, Olaf Manuel**; **Hamad, Mohammad**; **Steinhorst, Sebastian** 2025 IEEE 101st Vehicular Technology Conference, VTC2025-Spring : proceedings 2025 / 6 p https://doi.org/10.1109/VTC2025-Spring65109.2025.11174864

Adsorption and kinetics studies of Cr (VI) by graphene oxide and reduced graphene oxide-zinc oxide nanocomposite
Naseem, Taiba; Bibi, Fozia; Arif, Saira; Waseem, Muhammad Adnan; Haq, Sirajul; Azra, Mohamad Nor; **Liblik, Taavi**; Zekker, Ivar Molecules 2022 / art. 7152, 16 p. : ill https://doi.org/10.3390/molecules27217152 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Adsorption of Cd2+ by an ion-imprinted thiol-functionalized polymer in competition with heavy metal ions and organic acids
Kong, Qiaoping; Xie, Binbin; **Preis, Sergei** RSC advances 2018 / p. 8950–8960 : ill https://doi.org/10.1039/c7ra11811b Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Advanced sensing materials based on molecularly imprinted polymers towards developing point-of-care diagnostics

devices
Kidakova, Anna; **Reut, Jekaterina**; **Borozņjak, Roman**; **Öpik, Andres**; **Sõritski, Vitali** Proceedings of the Estonian Academy of Sciences 2019 / p. 158–167 : ill https://doi.org/10.3176/proc.2019.2.07 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Advanced autonomous vehicle's functions for safety improvements in urban mobility context = Täiustatud autonoomsete sõidukite funktsioonid ohutuse parandamiseks linnaliikluse kontekstis
Malayjerdi, Ehsan 2022 https://doi.org/10.23658/taltech.46/2022 https://www.ester.ee/record=b5511689*est https://digikogu.taltech.ee/et/Item/b7da5652-066b-408c-81b4-d15cb6e46fca

Advanced condition monitoring method for high voltage overhead lines based on visual inspection
Manninen, Henri; **Kilter, Jako**; **Landsberg, Mart** 2018 IEEE Power & Energy Society General Meeting (PESGM 2018) : Portland, Oregon, USA, 5-10 August 2018 2018 / p. 2321-2325 : ill https://doi.org/10.1109/PESGM.2018.8586498

Advanced continuous cultivation methods for systems microbiology
Adamberg, Kaarel; Valgepea, Kaspar; **Vilu, Raivo** Microbiology 2015 / p. 1707-1719 : ill https://doi.org/10.1099/mic.0.000146 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An advanced diagnostic approach for broken rotor bar detection and classification in DTC controlled induction motors by leveraging dynamic SHAP interaction feature selection (DSHAP-IFS) GBDT methodology
Khan, Muhammad Amir; **Asad, Bilal**; **Vaimann, Toomas**; **Kallaste, Ants** Machines 2024 / art. 495 https://doi.org/10.3390/machines12070495 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Advanced digital technologies in the post-disaster reconstruction process—A review leveraging small language models
Rawat, Alok; **Witt, Emlyn David Qivitoq**; Roumyeh, Mohamad; **Lill, Irene** Buildings 2024 / art. 3367 https://doi.org/10.3390/buildings14113367 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Advanced Hardware Protection Mechanisms : A Study on Logic Locking and Circuit Obfuscation Techniques [Võrguteavik] = Täiustatud riistvara kaitsemehhanismid : uuring loogikalukustamise ja hägustamise tehnikate kohta
Costa de Almeida, Antonio Felipe 2025 https://www.ester.ee/record=b5752171*est https://digikogu.taltech.ee/et/Item/9840306f-39a2-4ac7-b275-9a841a75857b https://doi.org/10.23658/taltech.42/2025

Advanced ICT solutions in a distance vocational education and training in the field of robotics
Pilat, Zbigniew; Arapi, Polyxeni; Pappas, Nikos; Omieljanowicz, Mirosław; Prokopiuk, Norbert; Tamre, Mart The 16th International Conference "Mechatronic Systems and Materials" : MSM 2021 July 1, 2021 - July 2, 2021 : abstract book 2021 / p. 62-63 https://vb.vgtu.lt/object/elaba:100810507/100810507.pdf

Advanced machine learning and experimental studies of polypropylene based polyesters tribological composite systems for sustainable recycling automation and digitalization
Hussain, Abrar; **Kübarsepp, Jakob**; **Sergejev, Fjodor**; **Goljandin, Dmitri**; **Hussainova, Irina**; **Podgurski, Vitali**; **Karjust, Kristo**; Maurya, Himanshu Singh; Rahmani Ahranjani, Ramin; Sinka, Maris International journal of lightweight materials and manufacture 2025 / p. 252-263 https://doi.org/10.1016/j.ijlmm.2024.11.001

Advanced methodology for estimation of value of lost load (VOLL) using equipment specific health indices
Manninen, Henri; **Kilter, Jako**; Landsberg, Mart 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärdla, Estonia, June 12-15, 2019 : proceedings 2019 / 6 p https://doi.org/10.1109/PQ.2019.8818245

Advanced Modelling Frameworks for the Digital Twin of an Autonomous Electric Vehicle Propulsion Drive System = Autonoomse elektrisõiduki veoelektriajami digitaalse kaksiku täiustatud modelleerimise raamistikud
Mohamed, Mahmoud Ibrahim Hassanin 2025 https://digikogu.taltech.ee/et/Item/6df09867-e34b-45f1-b04e-b97c08b90589 https://www.ester.ee/record=b5746300*est https://doi.org/10.23658/taltech.31/2025

Advanced oxidation of airborne m-xylene in combination of pulsed corona discharge and post-plasma photocatalysis
Altof, Kristen; **Krichevskaja, Marina**; **Preis, Sergei**; **Bolobajev, Juri** Journal of electrostatics 2025 / art. 104104 https://doi.org/10.1016/j.elstat.2025.104184

Advanced oxidation of dexamethasone by activated peroxo compounds in water matrices : A comparative study
Onga, Liina; **Dulova, Niina**; **Kattel-Salusoo, Eneliis** Water 2025 / art. 2303 https://doi.org/10.3390/w17152303 http://www.mdpi.com/2073-4441/17/15/2303

Advanced oxidation processes for sulfonamide antibiotic sulfamethizole degradation : Process applicability study at ppm level and scale-down to ppb level
Klauson, Deniss; Romero Sarcos, Natalja; **Kritševskaja, Marina**; **Kattel, Eneliis**; **Dulova, Niina**; **Dedova, Tatjana**; **Trapido, Marina** Journal of environmental chemical engineering 2019 / art. 103287, 8 p. : ill https://doi.org/10.1016/j.jece.2019.103287 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Advanced rich transcription system for Estonian speech
Alumäe, Tanel; **Tiik, Ottokar**; **Ullah, Asad** Human Language Technologies - the Baltic Perspective : Proceedings of the Eighth International Conference, Baltic HLT 2018 2018 / p. 1-8 https://doi.org/10.3233/978-1-61499-912-6-1 Conference proceedings at Scopus Article at Scopus Article at WOS

Advanced, universal, and facile gel spinning-based aerogel fibrillation : in situ fabrication of highly stretchable TPU-silica hybrid network in ambient conditions
Omranpour, Hosseinali; Hassanifard, Soran; Monfared, Ali Reza; **Omranpour Shahreza, Babak**; Salehi, Amirmehdi; Jalali, Amirjalal; Kheradmandkeymousi, Mohamad; Rahman, Saadman Sakib; Behdinan, Kamran; Park, Chul B. Advanced composites and hybrid materials 2024 / art. 105 https://doi.org/10.1007/s42114-024-00911-9 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Advancement in perception capabilities for autonomous vehicles : from dataset collection to scene interpretation = Autonoomsete sõidukite tajuvõimekuse täiustamine : andmekogumisest stseeni tõlgendamiseni
Gu, Junyi 2024 https://www.ester.ee/record=b5703761*est https://digikogu.taltech.ee/et/Item/a1d10aec-0115-4574-8548-356884ec5e86 https://doi.org/10.23658/taltech.60/2024

Advancement in production engineering education through Virtual Learning Factory Toolkit concept
Mahmood, Kashif; **Otto, Tauno**; **Kuts, Vladimir** Proceedings of the Estonian Academy of Sciences 2021 / p. 374-382 : ill https://doi.org/10.3176/proc.2021.4.02 Journal metrics at Scopus Aricle at Scopus Journal metrics at WOS Article at WOS

Advancement in valorization technologies to improve utilization of bio-based waste in bioeconomy context
Usmani, Zeba; Sharma, Minaxi; **Karpichev, Yevgen** Renewable and sustainable energy reviews 2020 / art. 109965, 16 p. : ill https://doi.org/10.1016/j.rser.2020.109965 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Advancements and restrictions of E-assessment in view of remote learning in engineering
Raud, Zoja; **Vodovozov, Valery** 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019 : conference proceedings 2019 / 6 p. : ill https://doi.org/10.1109/RTUCON48111.2019.8982349

Advancements in risk stratification and management strategies in primary cardiovascular prevention
Barkas, Fotios; Sener, Yusuf Ziya; Golforoush, Pelin Arabacilar; Kheirkhah, Azin; Rodriguez-Sanchez, Elena; Novak, Jan; Apellaniz-Ruiz, Maria; Akyea, Ralph Kwame; Bianconi, Vanessa; **Demikhova, Nadiia** Atherosclerosis 2024 / art. 117579 https://doi.org/10.1016/j.atherosclerosis.2024.117579 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Advancements in underground mine surveys by using SLAM-enabled handheld laser scanners
Ellmann, Artu; **Kütimets, Kaia**; **Varbla, Sander**; **Väli, Erik**; **Kanter, Sander** Survey review 2022 / p. 363-374 https://doi.org/10.1080/00396265.2021.1944545 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Advances in characteristics analysis, measurement methods and modelling of flow dynamics in airlift reactors
Zhang, Tao; Wei, Chaohai; Feng, Chunhua; **Preis, Sergei** Chemical engineering and processing : process intensification 2019 / art. 107633, 19 p. : ill https://doi.org/10.1016/j.cep.2019.107633 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Advances in climatic form finding in architecture and urban design
De Luca, Francesco Energies 2023 / art. 3935 https://doi.org/10.3390/en16093935 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Advances in detection of antibiotic pollutants in aqueous media using molecular imprinting technique - a review
Ayankojo, Akinrinade George; **Reut, Jekaterina**; **Nguyen, Vu Bao Chau**; **Boroznjak, Roman**; **Sõritski, Vitali** Biosensors 2022 / art. 441 https://doi.org/10.3390/bios12070441 Journal metrics at Scopus Article at Scopus Journalmetrics at WOS Article at WOS

Advances in drug testing using capillary electrophoresis and native fluorescence
Bolkvadze, Vyacheslav; **Saar-Reismaa, Piret**; **Kaljurand, Mihkel**; **Vaher, Merike**; **Gorbatšova, Jelena**; **Mazina-Šinkar, Jekaterina** V4 Symposium Flow Analysis & Capillary Electrophoresis : abstracts 2021 / p. 64 https://v4face.project.uj.edu.pl/documents/144328876/0/Book_of_abstracts_FACE+2020.pdf/d09dca39-a279-47c4-90e3-72f05bcdf4a1

Advances in eco-efficient agriculture: The plant-soil mycobiome
Pagano, Marcela Claudia; Correa, Eduardo J. Azevedo; Duarte, Neimar F.; Yelikbayev, Bakhytzhan; O'Donovan, Anthonia; **Gupta, Vijai Kumar** Agriculture 2017 / art. 14, 12 p. https://doi.org/10.3390/agriculture7020014 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Advances in machine fault diagnosis
2022 https://doi.org/10.3390/books978-3-0365-5110-4

Advances in machine fault diagnosis

Vaimann, Toomas Advances in machine fault diagnosis 2022 / p. 1-5 https://doi.org/10.3390/app11167348

Advances in machine fault diagnosis
Vaimann, Toomas Applied sciences 2021 / art. 7348, 5 p https://doi.org/10.3390/app11167348 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Advances in 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

Advances in nanomaterials induced biohydrogen production using waste biomass
Srivastava, Neha; Srivastava, Manish; Mishra, Pradeep Kumar; Kausar, Mohd Adnan; Saeed, Mohd; **Gupta, Vijai Kumar**; Singh, Rajeev; Ramteke, Pramod Wasudeo Bioresource Technology 2020 / art. 123094 https://doi.org/10.1016/j.biortech.2020.123094 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Advances in nonlinear wave research for hazard warning and mitigation
Didenkulova, Irina; Grimshaw, Roger; Slunyaev, Alexey; Tinti, Stefano Natural hazards 2016 / p. S431-S436 https://doi.org/10.1007/s11069-016-2633-1 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Advances in the one-step synthesis of 2D and 3D sulfide materials grown by pulsed laser deposition assisted by a sulfur thermal cracker
Esterlich, Joan Ramish; Affannoukoue, Kevin; **Kaupmees, Reelika**; Miakota, Denys; Engberg, Sara; **Grossberg-Kuusk, Maarja**; Schou, Jorgen; Canulescu, Stela Applied physics. A, Materials science & processing 2023 / art. 59, 8 p. : ill https://doi.org/10.1007/s00339-022-06319-w Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Advances in the structural biology, mechanism, and physiology of cyclopropane fatty acid modifications of bacterial membranes
Cronan, John E.; **Lukk, Tiit** Microbiology and Molecular Biology Reviews 2022 https://doi.org/10.1128/mmbr.00013-22 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Advancing AECO education : A project-based lean IPD design process and design management course
Pikas, Ergo; Tetik, Müge; Seppänen, Olli; **Vendel, Kädi-Riin** International journal of construction education and research 2025 / 33 p https://doi.org/10.1080/15578771.2025.2534334

Advancing Circular Economy Models : The Synergistic Role of Service Design and Blockchain Technology in Enhancing Sustainability and Consumer Engagement
Gerasimova, Vera Scientific Papers of the University of Pardubice, Series D : Faculty of Economics and Administration 2024 / art. 2126 https://doi.org/10.46585/sp32022126 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Advancing citizen engagement through digital tools: A comparative study of the Baltic States
Randma-Liiv, Tiina; Bortkevičiute, R.; **Lember, Veiko**; Valtenbergs, V.; Nakrošis, V. International journal of public administration 2025 / 16 p https://doi.org/10.1080/01900692.2025.2517124

Advancing cybersecurity education through learning analytics = Küberkaitsealase hariduse parendamine õpianalüütika abil
Maennel, Kaie 2021 https://doi.org/10.23658/taltech.29/2021 https://www.ester.ee/record=b5434228*est https://digikogu.taltech.ee/et/Item/d01c0b17-3b4b-41c5-ae24-e75b6128a183

Advancing drug–target interaction prediction: a comprehensive graph-based approach integrating knowledge graph embedding and ProtBert pretraining
Djeddi, Warith Eddine; Hermi, Khalil; **Ben Yahia, Sadok**; Diallo, Gayo BMC Bioinformatics 2023 / art. 488, 41 p.: ill https://doi.org/10.1186/s12859-023-05593-6 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Advancing ecohydraulics and ecohydrology by clarifying the role of their component interdisciplines
Gosselin, Marie-Pierre; Ouellet, Valerie; Harby, Atle; Nestler, John Journal of ecohydraulics 2019 / p. 172-187 https://doi.org/10.1080/24705357.2019.1658137 Journal metrics at Scopus Article at Scopus

Advancing green hydrogen production : synthesizing and analyzing nickel and iron micro-flower shaped electrocatalysts on Ni-mesh for alkaline water electrolysis
Jäger, Rutha; Valk, Peeter; Grozovski, Vitali; **Volobujeva, Olga**; Prits, Alise-Valentine; Maide, Martin; Küngas, Rainer; Lust, Enn; Nerut, Jaak 246th ECS Meeting PRiME 2024; Honolulu, Hawaii, USA; October 6-11, 2024 https://doi.org/10.1149/MA2024-02422814mtgabs

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

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

Advancing port sustainability in the Baltic Sea region : A comparative analysis using the SMCC framework
Tombak, Mari-Liis; **Aiken, Deniece Melissa**; **Toomeoja, Eliise**; **Tapaninen, Ulla Pirita** Sustainability 2025 / art. 6764 https://doi.org/10.3390/su17156764 Article at Scopus Article at WOS

Advancing robust governance in turbulent times : The role of multi-level governance, hybrid governance, and negotiated societal intelligence
Torfing, Jacob; Bentzen, Tina; Caponio, Tiziana; Coroado, Susana; Douglas, Scott; **Nõmmik, Steven**; **Randma-Liiv, Tiina**; Russo, Chiara; Sorensen, Eva; Verhoest, Koen Public administration 2025 / 15 p https://doi.org/10.1111/padm.70011

Advantages of low-cost LiDAR sensors in surveying underground utility networks
Jerjomina, Angelina; **Varbla, Sander** Tunnelling and underground space technology 2024 / art. 106325 https://doi.org/10.1016/j.tust.2024.106325

Advantages of using a seismic piezocone penetration test for analysis of a single screw in situ displacement pile in silty soils
Leetsaar, Lehar; Korkiala-Tanttu, Leena Indian geotechnical journal 2025 / p. 802-815 : ill https://doi.org/10.1007/s40098-024-00942-5

Aeolian activity on the northern coast of Lake Peipsi, North-Eastern Estonia
Ratas, Urve; Raukas, Anto; Rivis, Reimo; **Tavast, Elvi** Journal of Coastal Research 2015 / p. 25-35 https://doi.org/10.2112/JCOASTRES-D-12-00231.1 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Aerial base station assisted cellular communication : performance and trade-off
Sharma, Navuday; Kumar, Atul; **Alam, Muhammad Mahtab**; Jindal, Anish; Imran, Muhammad Ali IEEE Transactions on Network Science and Engineering 2021 / p. 2765-2779 https://doi.org/10.1109/TNSE.2021.3052984 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Aerobic cascade oxidation of substituted cyclopentane-1,2-diones using metalloporphyrin catalysts
Maljutenko, Karolin; **Borovkov, Victor**; **Kananovich, Dzmitry**; **Järving, Ivar**; **Lopp, Margus** Tetrahedron 2018 / p. 661−664 : ill https://doi.org/10.1016/j.tet.2017.12.009 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Aerobic oxidations in asymmetric synthesis : catalytic strategies and recent developments
Kananovich, Dzmitry; **Elek, Gabor Zoltan**; **Lopp, Margus**; **Borovkov, Victor** Frontiers in chemistry 2021 / art. 614944 https://doi.org/10.3389/fchem.2021.614944 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Aerosol-assisted fine-tuning of optoelectrical properties of SWCNT films
Tsapenko, Alexey; Romanov, Stepan; Satco, Daria; **Volobujeva, Olga**; **Danilson, Mati** The journal of physical chemistry letters 2019 / p. 3961-3965 : ill https://doi.org/10.1021/acs.jpclett.9b01498 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An affect-based built environment video analytics
Kaklauskas, Arturas; Zavadskas, Edmundas Kazimieras; Bardauskiene, D.; **Ubarte, Ieva** Automation in Construction 2019 / art. 102888, 22 p. : ill https://doi.org/10.1016/j.autcon.2019.102888

Affective analytics of demonstration sites
Kaklauskas, Arturas; Jokubauskas, D.; Cerkauskas, J.; Dzemyda, I.; **Ubarte, Ieva** Engineering applications of artificial intelligence 2019 / p. 346-372 : ill https://doi.org/10.1016/j.engappai.2019.03.001

Affinity gradients drive copper to cellular destinations
Banci, Lucia; Bertini, Ivano; Ciofi-Baffoni, Simone; Kozyreva, Tatiana; **Zovo, Kairit**; **Palumaa, Peep** Nature 2010 / p. 645-648 : ill https://doi.org/10.1038/nature09018

Affinity of zinc and copper ions for insulin monomers
Gavrilova, Julia; **Tõugu, Vello**; **Palumaa, Peep** Metallomics 2014 / p. 1296-1300 : ill https://doi.org/10.1039/c4mt00059e Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Afforestation and abandonment of semi‐natural grasslands lead to biodiversity loss and a decline in ecosystem services and functions
Prangel, Elisabeth; Kasari‐Toussaint, Liis; Neuenkamp, Lena; Noreika, Norbertas; Karise, Reet; Marja, Riho; Ingerpuu, Nele; Kupper, Tiiu; Keerberg, Liis,; **Ivask, Mari** Journal of Applied Ecology 2023 / 12 p https://doi.org/10.1111/1365-2664.14375 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

AFM nanoshaving of covalently modified graphite for studying molecular self-assembly under lateral nanoconfinement
Steeno, Roelof; Van Gorp, Hans; **Walke, Peter**; Mali, Kunal S.; De Feyter, Steven Journal of physical chemistry C 2021 / p. 21624-

21634 https://doi.org/10.1021/acs.jpcc.1c05700 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

After-effect induced by microwave radiation in human electroencephalographic signal : a feasibility study
Bachmann, Maie; **Päeske, Laura**; Ioannides, Andreas A.; **Lass, Jaanus**; **Hinrikus, Hiie** International journal of radiation biology 2018 / p. 896–901 : ill https://doi.org/10.1080/09553002.2018.1478164 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Ag nanoparticles on mesoporous carbon support as cathode catalyst for anion exchange membrane fuel cell
Linge, Jonas Mart; Erikson, Heiki; Mooste, Marek; Piirsoo, Helle-Mai; **Kaljuvee, Tiit**; Kikas, Arvo; Aruväli, Jaan; Kisand, Vambola; Tamm, Aile; Kannan, Arunachala Mada; Tammeveski, Kaido International Journal of Hydrogen Energy 2023 / p. 11058-11070 https://doi.org/10.1016/j.ijhydene.2022.12.138 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Against the political expectations and theoretical models : how to implement austerity and not to lose political power
Veebel, Viljar; Kulu, Liina Baltic journal of economics 2014 / p. 2-16 : ill https://doi.org/10.1080/1406099X.2014.991140 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at Scopus

Age calibration of the lower ordovician Fezouata Lagerstätte, Morocco
Lefebvre, Bertrand; Gutiérrez-Marco, Juan C.; **Lehnert, Oliver**; Martin, Emmanuel L.O.; Nowak, Hendrik; Akodad, Mustapha; El Hariri, Khadija; Servais, Thomas Lethaia 2018 / p. 296 - 311 https://doi.org/10.1111/let.12240 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Age constraints of the Hungshihyen Formation (Early to Middle Ordovician) on the western margin of the Yangtze Platform, South China : new insights from chitinozoans
Liang, Yan; Wang, Guang-Xu; Servais, Thomas; Wu, Rong-Chang; **Nõlvak, Jaak**; **Hints, Olle**; Weif, Xin; Gong, Fang-Yi Palaeoworld 2020 / p. 66-74 : ill https://doi.org/10.1016/j.palwor.2019.05.008 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The age of AI in healthcare research : An analysis of projects submitted between 2020 and 2024 to the Estonian Committee on Bioethics and Human Research
Pevkur, Aive; **Lubi, Kadi** Journal of responsible technology 2025 / art. 100113 https://doi.org/10.1016/j.jrt.2025.100113

Age of the Kalana Lagerstätte, early Silurian, Estonia
Männik, Peep; Tinn, Oive; Loydell, David, K.; Ainsaar, L. Estonian journal of earth sciences 2016 / p. 105-114 : ill https://doi.org/10.3176/earth.2016.10 https://artiklid.elnet.ee/record=b2778946*est Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Age of the silurian lower red beds in South China : stratigraphical evidence from the sanbaiti section
Chen, Zhongyang; **Männik, Peep**; Fan, Junxuan; Wang, Chengyuan; Chen, Qing; Sun, Zongyuan; Chen, Dongyang; Li, Chao Journal of earth science 2021 / p. 524–533 : ill https://doi.org/10.1007/s12583-020-1350-6 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Age of the Silurian Wuxiahe Formation in Langao, Northwest China : New conodont data
Chen, Zhong-Yang; **Männik, Peep**; Tang, Peng; Wang, Jian; Ma, Jun-Ye; Luan, Xiao-Cong Palaeoworld 2021 / p. 649-658 : ill https://doi.org/10.1016/j.palwor.2020.12.004 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Age, facies, and geometry of the Sandbian/Katian (Upper Ordovician) pelmatozoan-bryozoan-receptaculitid reefs of the Vasalemma Formation, northern Estonia
Kröger, Björn; **Hints, Linda**; **Lehnert, Oliver** Facies 2014 / p. 963-986 : ill https://doi.org/10.1007/s10347-014-0410-8 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Age, genesis, and seismogenic deformations of the vuoksa river terraces on the karelian isthmus (Northwestern Russia)
Shvarev, S.; Subetto, D.; Zaretskaya, N.; **Molodkov, Anatoli** Russian geology and geophysics 2021 / 21 p. : ill https://doi.org/10.2113/RGG20204229 Journal metrics at Scopus Article at Scopus

Ageing of kesterite solar cells 1 : Degradation processes and their influence on solar cell parameters
Neubauer, Christian; **Samieipour, 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
Samieipour, 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

The AGEMERA project : building European capacities with innovative exploration technologies
Hand, Tony Kliimast, geoloogiast, ringmajandusest ja ajaloost 2024 / p. 46 https://www.ester.ee/record=b5673955*est https://kirjandus.geoloogia.info/reference/49154

An Agent-Based Approach to Simultaneously Reduce Speed Limits, Lower Travel Times, and Increase Pedestrian Safety in Tallinn, Estonia
Rasoulinezhad, Mahdi; **Partanen, Jenni Vilhelmiina**; **Mozaffaree Pour, Najmeh** International Journal of E-Planning Research 2025 / p. 1-25 https://doi.org/10.4018/IJEPR.383732 https://www.igi-global.com/gateway/article/full-text-pdf/383732

Aggregate production from burnt oil shale and CO2 - an Estonian perspective
Berber, Hakan; **Tamm, Kadriann**; **Leinus, Mari-Liis**; **Kuusik, Rein, keemik**; **Uibu, Mai** Oil Shale 2019 / p. 431-447 : ill https://doi.org/10.3176/oil.2019.3.05 http://www.kirj.ee/32493/?tpl=1061&c_tpl=1064 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Aggregated conducted electromagnetic interference generated by DC/DC converters with deterministic and random modulation
Loschi, Hermes; Smolenski, Robert; Lezynski, Piotr; Nascimento, Douglas; **Demidova, Galina** Energies 2020 / art. 3698 https://doi.org/10.3390/en13143698

Aggregated conducted electromagnetic interference generated by DC/DC converters with deterministic and random modulation
Loschi, Hermes; Smolenski, Robert; Lezynski, Piotr; Nascimento, Douglas; **Demidova, Galina** Industrial and Technological Applications of Power Electronics Systems 2021 / p. 331-339 https://doi.org/10.3390/en13143698

Aggregated demand-side energy flexibility : a comprehensive review on characterization, forecasting and market prospects
Plaum, Freddy; **Ahmadiahangar, Roya**; **Rosin, Argo**; **Kilter, Jako** Energy reports 2022 / p. 9344-9362 https://doi.org/10.1016/j.egyr.2022.07.038 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Aggregated energy flexibility provision using residential heat pumps
Plaum, Freddy; **Ahmadiahangar, Roya**; **Rosin, Argo** 2022 IEEE 16th International Conference on Compatibility, Power Electronics, and Power Engineering (CPE-POWERENG) 2022 / 5 l https://doi.org/10.1109/CPE-POWERENG54966.2022.9880898

Aggregation of phosphate and 1-tetradecyl-3-methylimidazolium chloride background electrolytes during micellar electrokinetic chromatography
Kazarjan, Jana; **Vaher, Merike**; **Kaljurand, Mihkel** Electrophoresis 2015 / p. 1040–1042 : ill https://doi.org/10.1002/elps.201400448 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Aggregation ready flexibility management methods for mechanical ventilation systems in buildings
Maask, Vahur; **Rosin, Argo**; **Korõtko, Tarmo**; **Thalfeldt, Martin**; **Syri, Sanna**; **Ahmadiahangar, Roya** Energy and buildings 2023 / art. 113369, 14 p. : ill https://doi.org/10.1016/j.enbuild.2023.113369 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Aggregator coordinated transactive energy trading for microgrids
Crasta, Cletus J. 21st International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Pärnu, Estonia, June 15-18, 2022 2022 / p. 105-106 : ill https://www.ester.ee/record=b5504019*est

Aggregator index for 24-hour energy flexibility evaluation in an ADN including PHEVs
Rashtbaryan, A.; Gharehpetian, Gevork B.; Baghaee, H. R.; **Ahmadiahangar, Roya** IEEE Access 2024 / p. 16105-16116 https://doi.org/10.1109/ACCESS.2024.3353136 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Agile local governments : experimentation before implementation
Soe, Ralf-Martin; **Drechsler, Wolfgang** Government information quarterly 2018 / p. 1-13 : ill https://doi.org/10.1016/j.giq.2017.11.010 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Agile software engineering methodology for information systems' integration projects
Taveter, Kuldar; **Norta, Alexander** Future Data and Security Engineering : 4th International Conference, FDSE 2017, Ho Chi Minh City, Vietnam, November 29 - December 1, 2017 : proceedings 2017 / p. 215-230 : ill https://doi.org/10.1007/978-3-319-70004-5_15 Conference proceedings at Scopus Article at Scopus Article at WOS

Agressioonikuriteo erikohtu statuudi projekt
Noateral : Ukraina sõja aasta Eestis ja maailmas. Välisministri vaade 2023 / lk. 410−413 https://www.ester.ee/record=b5559939*est

AI applications for power quality issues in distribution systems : A systematic review
Nabian Dehaghani, Mitra; **Korõtko, Tarmo**; **Rosin, Argo** IEEE Access 2025 / p. 18346-183652025 https://doi.org/10.1109/ACCESS.2025.3533702

AI applications to enhance resilience in power systems and microgrids - a review
Zahraoui, Younes; **Korõtko, Tarmo**; **Rosin, Argo**; Mekhilef, Saad; Seyedmahmoudian, Mehdi; Stojcevski, Alex; Alhamrouni, Ibrahim Sustainability 2024 / art. 4959 https://doi.org/10.3390/su16124959 Journal metrics at Scopus Article at Scopus Journal metrics at WOS

Article at WOS

AI functionalities in cobot-based manufacturing for performance improvement in quality control application
Moor, Madis; **Sarkans, Martinš**; Kangru, Tavo; **Otto, Tauno**; **Riives, Jüri** Journal of machine engineering 2024 / p. 5-16 https://doi.org/10.36897/jme/189169 Journal metrics at Scopus Article at Scopus

AI generated route data pre-processing for faster decision making
Maas, Rene; Ševtšenko, Eduard; **Karaulova, Tatjana** 2024 8th International Young Engineers Forum on Electrical and Computer Engineering (YEF-ECE) 2024 / p. 82-87 https://doi.org/10.1109/YEF-ECE62614.2024.10625086

AI IN BUSINESS : proceedings of the scientific workshop on business implications of artificial intelligence, June 7, 2022
2022 https://www.ester.ee/record=b5506022*est https://digikogu.taltech.ee/et/Item/2096bada-661d-4928-99a7-bfbce51825d8

AI readiness assessment for Data-driven Public Service Projects : change management and human elements of procurement
Dreyling III, Richard Michael; Erlenheim, Regina; **Tammet, Tanel**; **Pappel, Ingrid** Human factors, business management and society : proceedings of the 14th AHFE International Conference on Applied Human Factors and Ergonomics : San Francisco Marriott Marquis, California, USA, July 20-24, 2023. Vol. 97 2023 / p. 178–187 : ill https://doi.org/10.54941/ahfe1003894

AI systems to ensure cyber security in space
Pelin Manti, Nebile; **Carlo, Antonio**; Markova, Rada; Jha, Devanshu; Breda, Paola; Abdin, Adam; Boschetti, Nicolo IAC 2022 congress proceedings 2022 / art. 70423 https://dl.iafastro.directory/event/IAC-2022/paper/70423/ Conference proceedings at Scopus Article at Scopus

AI technologies and their applications in small-scale electric power systems
Shahid, Arqum; **Plaum, Freddy**; **Korõtko, Tarmo**; **Rosin, Argo** IEEE Access 2024 / p. 109984-110001 https://doi.org/10.1109/ACCESS.2024.3440067 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

AI transformation is platform driven
Koppel, Tarmo; **Tšernikova, Olga**; **Vilcane, Inese** AI IN BUSINESS : proceedings of the scientific workshop on business implications of artificial intelligence, June 7, 2022 2022 / p. 6-8 : ill https://www.ester.ee/record=b5506022*est

AI trustworthiness and persuasive effects in users' judgment
Lewandowska-Tomaszczyk, Barbara; **Da Costa Sousa, Sonia Claudia** Cultures, Narratives, and Concepts 2025 / p. 281-296 https://link.springer.com/book/10.1007/978-3-031-86158-1 https://doi.org/10.1007/978-3-031-86158-1_16

AI-based surrogate model for the prediction of ship fuel consumption reflecting hydrometeorological conditions
Zhang, Mingyang; Tsoulakos, Nikolaos; **Kujala, Pentti Jouko Sakari**; Hirdaris, Spyros Proceedings of the International Conference on Offshore Mechanics and Arctic Engineering - OMAE 2024 ; vol. 9 2024 / OMAE2024-121992, V009T13A016 ; 11 pages https://doi.org/10.1115/OMAE2024-121992 Conference proceedings at Scopus Article at Scopus

AI-based worker management : role of participative leadership and empowerment
Reinhold, Karin; **Järvis, Marina** You Have Been Replaced by AI : Abstracts of the 11th Annual Entrepreneurship and Innovation Conference (EUAS and Ülemiste City), Tallinn, October 5, 2023 2023 / p. 39 https://conference.euas.eu/2023/wp-content/uploads/2024/02/ConferenceProceedings2023.pdf

Aichinger, Florian. On the convergence rate of the fraction of simple algebras : [review]
Henno, Jaak Zentralblatt MATH 2020 / 1 p https://www.zbmath.org/?q=an:1459.08001 https://doi.org/10.1007/s00012-020-00684-4

The aim of science - knowledge or wisdom
Müürsepp, Peeter Problemos : mokslo darbai = Problemos : research papers 2013 / p. 72-83 https://doi.org/10.15388/problemos.2013.0.1777 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Aiming at the improvement of safety at Indian construction workplace
Chellappa, Vigneshkumar; Salve, Urmi Ravindra; **Liias, Roode** 13th International Conference : Modern Building Materials, Structures and Techniques, May 16–17, 2019, Lithuania 2019 / p. 539-544 https://doi.org/10.3846/mbmst.2019.110

Air change efficiency of room ventilation units
Mikola, Alo; **Rehand, Juhan**; **Kurnitski, Jarek** E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019 2019 / art. 01017, 8 p https://doi.org/10.1051/e3sconf/201911101017 Conference proceedings at Scopus Article at Scopus

Air distribution and air handling unit configuration effects on energy performance in an air-heated ice rink arena
Taebnia, Mehdi; Toomla, Sander; Leppä, Lauri; **Kurnitski, Jarek** Energies 2019 / art. 693, 21 p. : ill https://doi.org/10.3390/en12040693 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Air exchange of the hydraulic system with water-drag-driven dynamics

Laanearu, Janek Proceedings 39th IAHR World Congress 2022 / p. 1797-1803 https://doi.org/10.3850/IAHR-39WC2521711920222003

Air leakage levels in timber frame building envelope joints
Kalamees, Targo; **Alev, Üllar**; **Pärnalaas, Mihkel** Building and environment 2017 / p. 121-129 : ill https://doi.org/10.1016/j.buildenv.2017.02.011 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Air leakage of concrete floor and foundation junctions
Alev, Üllar; Antsov, Peeter; **Kalamees, Targo** Energy procedia 2015 / p. 2046-2051 : ill https://doi.org/10.1016/j.egypro.2015.11.217 Conference proceedings at Scopus Article at Scopus Article at WOS

Air leakage of joints filled with polyurethane foam
Hallik, Jaanus; **Gustavson, Heleen**; **Kalamees, Targo** Buildings 2019 / art. 172, 15 p. : ill https://doi.org/10.3390/buildings9070172 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Air leakages in air handling units with rotary heat exchanger : estimating extract air tansfer to supply air flow
Simson, Raimo; **Võsa, Karl-Villem**; **Kiil, Martin**; **Mikola, Alo**; **Kurnitski, Jarek** Healthy Buildings America 2021, Honolulu, Hawaii, USA, January 18-20, 2022 : virtual format 2022 / 2 p. : ill https://hb2021-america.exordo.com/files/papers/309/final_draft/HB2021_AHU_air_leakages.pdf

Air pocket dynamics under bridging of stratified flow during rapid filling of a horizontal pipe
Kaur, Katrin; **Laanearu, Janek**; **Annus, Ivar** Journal of hydraulic engineering 2023 / art. 04022030, 11 p. : ill https://doi.org/10.1061/(ASCE)HY.1943-7900.0002021 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Air pressure differences over external walls in new and retrofitted schools and daycare centers
Kauppinen, Antti; **Kiviste, Mihkel**; Pirhonen, Joni; Tuominen, Eero; Laukkarinen, Anssi; Huttunen, Petteri; Vinha, Juha Buildings 2022 / art. 1629 https://doi.org/10.3390/buildings12101629 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Air quality as an important indicator for ergonomic offices and school premises
Traumann, Ada; **Kritševskaja, Marina**; **Tint, Piia**; **Klauson, Deniss** Agronomy research 2014 / p. 925-934 : ill https://www.cabidigitallibrary.org/doi/pdf/10.5555/20143202531 Journal metrics at Scopus Article at Scopus

Air quality microbiological studies in straw bale and reed houses : poster abstract
Raamets, Jane; **Ruus, Aime**; **Ivask, Mari**; **Nei, Lembit** Biotechnology & Biotechnological Equipment 2021 / S120 https://doi.org/10.1080/13102818.2020.1871545

Air-core coupled inductor based modular solid-state circuit breaker with reduced components for DC buildings
Pogulaguntla, Aditya; Dsa, Daniel; Yagna, Griddaluru Venkata; Banavath, Satish Naik; **Carvalho da Silva, Edivan Laercio**; **Chub, Andrii**; **Vinnikov, Dmitri** IEEE journal of emerging and selected topics in power electronics 2025 / p. 2988-2999 https://doi.org/10.1109/JESTPE.2024.3485735

Airtightness improvement solutions for log wall joints
Alev, Üllar; Uus, Andres; **Kalamees, Targo** Energy procedia 2017 / p. 861-866 : ill https://doi.org/10.1016/j.egypro.2017.09.678 Journal metrics at Scopus Article at Scopus Article at WOS

Airtightness of cross-laminated timber envelopes : influence of moisture content, indoor humidity, orientation, and assembly
Kukk, Villu; **Bella, Adeniyi**; **Kers, Jaan**; **Kalamees, Targo** Journal of building engineering 2021 / art. 102610 https://doi.org/10.1016/j.jobe.2021.102610 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Airtightness of Estonian dwellings – median and base-values for heat loss estimation
Hallik, Jaanus; **Kalamees, Targo**; **Pikas, Ergo** Journal of Physics: Conference Series 2023 / 9 p https://doi.org/10.1088/1742-6596/2654/1/012063 Conference proceedings at Scopus Article at Scopus

Airtightness, air exchange and energy performance in historic residential buildings with different structures
Eskola, Lari; **Alev, Üllar**; **Arumägi, Endrik**; Jokisalo, Juha; Donarelli, Anna; Sirén, Kai; **Kalamees, Targo** International journal of ventilation 2015 / p. 11-26 : ill https://doi.org/10.1080/14733315.2015.11684066 Journal metrics at Scopus Article at Scopus

Air-to-water heat pump monitoring in the cold climate region
Kõiv, Teet-Andrus; **Ling, Mariin**; **Tennokese, Kaspar** Innovative Solutions in the Field of Engineering Sciences : selected, peer reviewed papers from the 2014 International Conference on Applied Mechanics and Mechanical Automation (AMMA 2014), May 20-21, 2014, Macao, China 2014 / p. 599-603 : ill https://doi.org/10.4028/www.scientific.net/AMM.590.599 Article at Scopus

AIS data analysis: reality in the Sea of Echos
Visky, Gabor; Rohl, Alexander; Katsikas, Sokratis; **Maennel, Olaf Manuel** 2024 IEEE 49th Conference on Local Computer

Networks (LCN) 2024 / 7 p https://doi.org/10.1109/LCN60385.2024.10639765

Akadeemia juures tegutsevad ekspertkogud : Hariduskomisjon
Kübarsepp, Jakob Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2022 2023 / lk. 31-32 https://www.ester.ee/record=b1218094*est https://doi.org/3176/evp.2024.01

Akhmetzyanova, L. R.; Alekseev, E. K.; Babueva, A. A.; Smyshlyaev, S. V.On the (im)possibility of secure ElGamal blind signatures : [review]
Henno, Jaak zbMATH Open 2023 / 1 p. https://zbmath.org/1522.94096

AL – A prototype autonomous ship model for navigating in ice conditions
Bolbot, Victor; Sandru, Andrei; Saarniniemi, Ture; Freter, Jan Hendrik; Puolakka, Otto; **Kujala, Pentti**; Valdez Banda, Osiris A. Proceedings of ASME 2024 43rd International Conference on Ocean, Offshore and Arctic Engineering (OMAE2024) June 9-14, 2024, Singapore, Singapore Volume 5 Ocean engineering A 2024 / art. v05at06a049, 10 p. https://doi.org/10.1115/OMAE2024-127465 Conference proceedings at Scopus Article at Scopus

Alalisvooluülekande türistorventiilid. Osa 2, Terminoloogia [Võrguteavik] = Tyristor valves for high-voltage direct current (HVDC) power transmission. Part 2, Terminology (IEC 60700-2:2016+IEC 60700-2:2016/AMD1:2021)
2022 https://www.ester.ee/record=b5485873*est

Albumin affects the stability, oligomerization and ligand interactions of lipoprotein lipase
Risti, Robert; Gunn, Kathryn H.; **Hiis-Hommuk, Kristofer**; **Seeba, Natjan-Naatan**; **Villo, Ly**; **Vendelin, Marko**; Neher, Saskia B.; **Lõokene, Aivar** Atherosclerosis 2022 / p. 68 https://doi.org/10.1016/j.atherosclerosis.2022.06.428

Albumin and heparin together or separately - different outcome on lipoprotein lipaseoligomerization and stability
Risti, Robert; Gunn, K.; **Villo, Ly**; **Hiis-Hommuk, Kristofer**; **Seeba, Natjan-Naatan**; **Karimi, Hamed**; **Vendelin, Marko**; Neher, Saskia B.; **Lõokene, Aivar** FEBS Open Bio 2023 / p. 223 https://doi.org/10.1002/2211-5463.13646

Alcoholysis of primary amides in the presence of CF3SO3H
Mastitski, Anton; Vellemäe, Eerold; Smorodina, Varvara; **Konist, Alar**; Järv, Jaak Organic preparations and procedures international 2023 / p. 458-468 : ill https://doi.org/10.1080/00304948.2023.2184997 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

AlCo-rich AlCoNiFe and AlCoNiFeCr high entropy alloys: Synthesis and interaction pathway at high heating rates
Nazaretyan, K.; **Aydinyan, Sofiya**; Kirakosyan, H.; Moskovskikh, D.; Nepapushev, A.; Kuskov, K.; Tumanyan, M.; Zargaryan, A.; **Traksmaa, Rainer**; **Kharatyan, S.** Journal of alloys and compounds 2023 / art. 167589, 13 p https://doi.org/10.1016/j.jallcom.2022.167589 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

ALD applied to conformal rare-earth coating of ZnO nanoparticles for low temperature thermal imaging applications
Rauwel, Erwan; Galeckas, Augustinas; Rauwel, Protima ECS transactions 2014 / p. 23-31 : ill https://doi.org/10.1149/06409.0023ecst Conference proceedings at Scopus Article at Scopus Article at WOS

Aldehyde inhibition of antioxidant enzymes in the blood of diabetic patients
Lankin, Vadim Z.; Konovalova, Galina G.; Tikhaze, Alla K.; **Viigimaa, Margus** Journal of Diabetes 2016 / p. 398-404 : tab https://doi.org/10.1111/1753-0407.12309 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Aldehyde-free resins based on resorcinol and natural alkylresorcinols modified with styrene
Jurkeviciute, Ana; **Grigorieva, Larisa**; **Tõnsuaadu, Kaia**; Yashicheva, Tamara Polymers / Composites / 3Bs Materials 2023 International Joint Conferences 22-24 February 2023 Bangkok, Thailand : Book of Abstracts 2023 / p. 43 : ill https://setcor.org/userfiles/files/2023/Bangkok/Polymers-Composites-3BsMaterials-2023-Book-of-Abstracts.pdf

Algebraic and coalgebraic perspectives on interaction laws
Uustalu, Tarmo; **Voorneveld, Niels** Programming Languages and Systems : 18th Asian Symposium, APLAS 2020, Fukuoka, Japan, November 30 – December 2, 2020 : proceedings 2020 / p. 186-205 https://doi.org/10.1007/978-3-030-64437-6_10 Conference proceedings at Scopus Article at Scopus Conference proceedings at WOS Article at WOS

Algebraic approach for analysis and control of a water tank system
Belikov, Juri; **Kotta, Ülle**; **Tepljakov, Aleksei** Information technology and control 2016 / p. 175-183 : ill https://doi.org/10.5755/j01.itc.45.2.13212 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Algebraic formalism of differential p-forms and vector fields for nonlinear control systems on homogeneous time scales
Bartosiewicz, Zbigniew; **Kotta, Ülle**; Pawluszewicz, Ewa; **Tõnso, Maris**; Wyrwas, Małgorzata Proceedings of the Estonian Academy of Sciences 2013 / p. 215-226 https://doi.org/10.3176/proc.2013.4.02 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Algebraic necessary and sufficient condition for difference flatness

Kaldmäe, Arvo International Journal of Control 2021 / 8 p https://doi.org/10.1080/00207179.2021.1908598 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Algorithm for finding zero factor free rules
Lind, Grete; **Kuusik, Rein, inform.** Man-Machine Interactions 4 : 4th International Conference on Man-Machine Interactions, ICMMI 2015 Kocierz Pass, Poland, October 6-9, 2015 2016 / p. 421 - 435 https://doi.org/10.1007/978-3-319-23437-3_36 Conference Proceedings at Scopus Article at Scopus Article at WOS

Algorithm for rapid exclusion of clinically relevant plasma levels of DOACs in patients using the DOAC Dipstick. An expert consensus paper
Harenberg, Job; Gosselin, Robert C.; Cuker, Adam; Becattini, Cecilia; Pabinger, Ingrid; Poli, Sven; Weitz, Jeffrey Ian; Pikta, Marika Thrombosis and Haemostasis 2024 / p. 770-777 https://doi.org/10.1055/a-2261-1811 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An algorithm to transform discrete-time state equations into the extended observer form
Kaldmäe, Arvo; **Kotta, Ülle** Automatica 2024 / art. 111598 https://doi.org/10.1016/j.automatica.2024.111598 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Algorithms for online CO2 baseline correction in intermittently occupied rooms
Vihman, Lauri; **Parts, Tuule Mall**; **Aljas, Hans Kristjan**; **Thalfeldt, Martin**; **Raik, Jaan** Healthy Buildings 2023 Europe: Beyond Disciplinary Boundaries: proceedings ; 1 2023 / p. 302-309 : ill https://www.proceedings.com/content/070/070278webtoc.pdf

Aligning Estonian and Japanese efforts in building norms in cyberspace
Osula, Anna-Maria So Far, Yet So Close : Japanese and Estonian cybersecurity : policy perspectives and cooperations : report 2021 / p. 22-29 https://icds.ee/wp-content/uploads/2021/05/ICDS_Report_So_Far_Yet_So_Close_Roigas_Jermalavicius_May_2021.pdf

Aligning the free-energy principle with Peirce's logic of science and economy of research
Beni, Majid D.; Pietarinen, Ahti-Veikko European journal for philosophy of science 2021 / art. 94, 21 p https://doi.org/10.1007/s13194-021-00408-y Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An alignment-based implementation of a holistic ontology integration method
Osman, Ines; **Pileggi, Salvatore Flavio**; **Ben Yahia, Sadok**; Diallo, Gayo MethodsX 2021 / art. 101460, p. 1–29 https://doi.org/10.1016/j.mex.2021.101460 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Aliphatic dicarboxylic acids from oil shale organic matter - historic review
Veski, Rein; **Veski, Siim** Oil shale 2019 / p. 76-95 : phot https://doi.org/10.3176/oil.2019.1.06 http://www.kirj.ee/public/oilshale_pdf/2019/issue_1/OS-2019-1-76-95.pdf Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Alkylation of phenols and resorcinols
Lopušanskaja, Eleana; **Paju, Anne**; **Lopp, Margus** Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 114 https://ortus.rtu.lv/science/lv/publications/35091/attachments/7168

Alloying of TiC-FeCr cermet in manganese vapor
Kolnes, Märt; **Tarraste, Marek**; **Kübarsepp, Jakob**; **Juhani, Kristjan**; **Viljus, Mart** IOP conference series : materials science and engineering 2021 / art. 012043 https://doi.org/10.1088/1757-899X/1140/1/012043

All‐solution‐processed transparent front contact for monograin layer kesterite solar cells
Edinger, Stefan; Bansal, Neha; Wibowo, Adhi Rachmat; Winkler, Nina; Illich, Peter; Zechmeister, Armin; Plessing, Lukas; **Meissner, Dieter** Progress in photovoltaics : research and applications 2019 / p. 547-555 https://doi.org/10.1002/pip.3122 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Almeida, Jorge; Costa, Alfredo. Profinite topologie : [review]
Henno, Jaak zbMATH Open 2023 / 2 p https://zbmath.org/07469515

An "almost dual" to Gottschalk's conjecture
Capobianco, Silvio; Kari, Jarkko; Taati, Siamak Cellular Automata and Discrete Complex Systems : 22nd IFIP WG 1.5 International Workshop, AUTOMATA 2016, Zurich, Switzerland, June 15-17, 2016 : proceedings 2016 / p. 77-89 : ill https://doi.org/10.1007/978-3-319-39300-1_7 Conference Proceedings at Scopus Article at Scopus Conference Proceedings at WOS Article at WOS

ALMT-independent guard cell R-type anion currents
Jaslan, Justyna; Marten, Irene; Jakobson, Liina; Arjus, Triinu; Deeken, Rosalia; **Sarmiento Guerin, Maria Cecilia**; De Angeli, Alexis; Brosche, Mikael; Kollist, Hannes; Hedrich, Rainer New phytologist 2023 / p. 2225-2234 https://doi.org/10.1111/nph.19124 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Alongshore sediment transport analysis for a semi-enclosed basin: a case study of the Gulf of Riga, the Baltic Sea

Soomere, Tarmo; **Jankowski, Mikołaj Zbigniew**; **Eelsalu, Maris**; **Parnell, Kevin Ellis**; Viška, Maija Ocean Science 2025 / p. 619-641 https://doi.org/10.5194/os-21-619-2025

Alongshore sediment transport in the Eastern Baltic Sea
Jankowski, Mikolaj Zbigniew; **Soomere, Tarmo**; **Parnell, Kevin Ellis**; **Eelsalu, Maris** Journal of coastal research 2024 / p. 261-265 https://doi.org/10.2112/JCR-SI113-052.1

Along-track satellite altimetry to identify coastal sea level dynamics using a synergized geodetic-oceanographic approach = Satelliitaltimeetria pikiorbiitse andmestikuga rannikumere veetaseme dünaamika tuvastamine kasutades sünergilist geodeetilis-okeanograafilist meetodit
Mostafavi, Majid 2024 https://www.ester.ee/record=b5671644*est https://doi.org/10.23658/taltech.11/2024 https://digikogu.taltech.ee/et/Item/49eaa519-adfc-42a0-98dd-a69ba649331a

Altered calcium handling in cardiomyocytes from arginine-glycine amidinotransferase-knockout mice is rescued by creatine
Laasmaa, Martin; **Branovets, Jelena**; **Barsunova, Karina**; **Karro, Niina**; Lygate, Craig A.; **Birkedal Nielsen, Rikke**; **Vendelin, Marko** American journal of physiology-heart and circulatory physiology 2020 / p. H805-H825 https://doi.org/10.1152/ajpheart.00300.2020 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Altered expression profile of igLON family of neural cell adhesion molecules in the dorsolateral prefrontal cortex of schizophrenic patients
Karis, Karina; Eskla, Kattri-Liis; Kaare, Maria; Täht, Karin; Tuusov, Jana; Visnapuu, Tanel; Innos, Jürgen; **Timmusk, Tõnis** Frontiers in Molecular Neuroscience 2018 / art. 8 https://doi.org/10.3389/fnmol.2018.00008 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Alternative approach to buckling of square hollow section steel columns in fire
Kervališvili, Andrei; **Talvik, Ivar** Journal of constructional steel research 2014 / p. 140-150 : ill https://doi.org/10.1016/j.jcsr.2013.11.018 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An alternative approach to measure quantity and smoothness of the human limb motions
Nõmm, Sven; Toomela, Aaro Estonian journal of engineering 2013 / p. 298-308 : ill https://doi.org/10.3176/eng.2013.4.05 Article at Scopus

An alternative approach to science and technology parks
Tsiouris, Nikiforos Postdigital science and education 2024 / p. 464–479 https://doi.org/10.1007/s42438-024-00493-1

An alternative chlorine-assisted optimization of CdS/Sb2Se3 solar cells : towards understanding of chlorine incorporation mechanism
Gopi, Sajeesh Vadakkedath; **Spalatu, Nicolae**; **Katerski, Atanas**; Kulicek, Jaroslav; Razek, Bohuslav; Ukraintsev, Egor; Barinkova, Marketa Šlapal; Zoppi, Guillaume; **Krunks, Malle**; **Oja Acik, Ilona** Journal of alloys and compounds 2024 / art. 176175 https://doi.org/10.1016/j.jallcom.2024.176175 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Alternative frameworks for measuring credit gaps and setting countercyclical capital buffers
Reigl, Nicolas Andreas; Uusküla, Lenno 2018 https://doi.org/10.23656/25045520/072018/0159 https://www.ester.ee/record=b5172707*est

Alternative frameworks for measuring credit gaps and setting countercyclical capital buffers : [journal article]
Reigl, Nicolas Andreas; Uusküla, Lenno Journal of financial economic policy 2021 / p. 161-179 : ill https://doi.org/10.1108/JFEP-04-2019-0070 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Alternative splicing of DENND1A, a PCOS candidate gene, generates variant 2
Tee, Meng Kian; **Speek, Mart**; Legeza, Balazs Molecular and cellular endocrinology 2016 / p. 25-35 : ill https://doi.org/10.1016/j.mce.2016.06.011 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Alternative splicing targeting the hTAF4-TAFH domain of TAF4 represses proliferation and accelerates chondrogenic differentiation of human mesenchymal stem cells
Kazantseva, Jekaterina; **Kivil, Anri**; Tints, Kairit; **Kazantseva, Anna**; Neuman, Toomas; **Palm, Kaia** PLoS ONE 2013 / art. e74799 https://doi.org/10.1371/journal.pone.0074799 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Alumina/graphene/Cu hybrids as highly selective sensor for simultaneous determination of epinephrine, acetaminophen and tryptophan in human urine
Taleb, Masoud; **Ivanov, Roman**; **Bereznev, Sergei**; Kazemi, Sayed Habib; **Hussainova, Irina** Journal of electroanalytical chemistry 2018 / p. 184-192 : ill https://doi.org/10.1016/j.jelechem.2018.06.013 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Aluminate-based nanostructured luminescent materials : design of processing and functional properties
Rojas Hernandez, Rocio Estefania; Rubio-Marcos, Fernando; Fernandez, Jose Francisco; **Hussainova, Irina** Materials 2021 /

art. 4591 https://doi.org/10.3390/ma14164591 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Aluminum matrix composites reinforced with metallic glass particles with core-shell structure
Guana, H.D.; Lia, C.J.; Gaoa, P.; **Prashanth, Konda Gokuldoss** Materials science and engineering : A 2020 / art. 138630, 5 p. : ill https://doi.org/10.1016/j.msea.2019.138630 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Amateur observers witness the return of Venus' cloud discontinuity
Kardasis, Emmanuel; Peralta, Javier; **Kananovich, Dzmitry** Atmosphere 2022 / art. 348 https://doi.org/10.3390/atmos13020348 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Ambient data-based online identification and location of frequency oscillations
Cai, Guowei; Xuan, Lei; Sun, Zhenglong; Chao, Jiang; **Belikov, Juri**; Levron, Yoash International Journal of Electrical Power and Energy Systems 2024 / art. 109843 https://doi.org/10.1016/j.ijepes.2024.109843 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Ambrogio Lorenzetti's Siena frescoes and public administration today
Drechsler, Wolfgang The Humanities and Public Administration 2025 / p. 236-252 https://doi.org/10.4337/9781035333608.00021

Ameliorated quantum class topper optimization to solve economic load dispatch problems
Gupta, Pradeep Kumar; Kumari Gupta, Anju; **Tuttelberg, Kaur**; **Kilter, Jako** 2024 3rd International Conference on Energy Transition in the Mediterranean Area (SyNERGY MED) 2024 / 5 p https://doi.org/10.1109/SyNERGYMED62435.2024.10799422

Ameliorating effect of nitrate on nitrite inhibition for denitrifying P-accumulating organisms
Zekker, Ivar; Mandel, Anni; Rikmann, Ergo; **Jaagura, Madis**; Salmar, Siim; Ghangrekar, Makarand Madhao; Tenno, Taavo Science of the total environment 2021 / art. 149133, 10 p. : ill https://doi.org/10.1016/j.scitotenv.2021.149133 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Amino acid-functionalized calix[4]resorcinarene solubilization by mono- and dicationic surfactants
Zakharova, Lucia Ya.; Serdyuk, Anna A.; Mirgorodskaya, Alla B.; **Karpichev, Yevgen** Journal of surfactants and detergents 2016 / p. 493-499 : ill https://doi.org/10.1007/s11743-016-1792-0 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Amino acids are key substrates to Escherichia coli BW25113 for achieving high specific growth rate
Maser, Andres; **Peebo, Karl**; Vilu, Raivo; **Nahku, Ranno** Research in microbiology 2020 / p. 185−193 https://doi.org/10.1016/j.resmic.2020.02.001 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Aminocatalysts are more environmentally friendly than hydrogen-bonding catalysts
Sihtmäe, Mariliis; **Silm, Estelle**; **Kriis, Kadri**; Kahru, Anne; **Kanger, Tõnis** ChemSusChem 2022 / art. e202201045, 5 p. : ill https://doi.org/10.1002/cssc.202201045 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Ammendatud freesturbaväljade taasmetsastamine : puutuha mõju biomassi formeerumisele ja süsiniku bilansile
Ots, Katri; **Orru, Mall**; Tilk, Mari; Kuura, Leno; Aguraijuja, Karin Forestry studies = Metsanduslikud uurimused 2017 / p. 17-36 https://doi.org/10.1515/fsmu-2017-0010 http://mi.emu.ee/userfiles/instituudid/mi/MI/FSMU/2017/67/FSMU%2067_02.pdf Journal metrics at Scopus Article at Scopus

Ammonia as clean shipping fuel for the Baltic Sea Region
Gerlitz, Laima; Mildenstrey, Eike; **Prause, Gunnar Klaus** Transport and telecommunication journal 2022 / p. 102-112 : ill https://doi.org/10.2478/ttj-2022-0010 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Ammonia production as alternative energy for the Baltic Sea Region
Prause, Gunnar Klaus; Olaniyi, Eunice Omolola; **Gerstlberger, Wolfgang Dieter** Energies 2023 / art. 1831 https://doi.org/10.3390/en16041831 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Amorphous Zn(O,Se) buffer layer for Cu(In,Ga)Se2 thin film solar cells
Abdalla, Akram; **Danilson, Mati**; **Oueslati, Souhaib**; **Pilvet, Maris**; **Bereznev, Sergei** Materials science in semiconductor processing 2021 / art. 105862 https://doi.org/10.1016/j.mssp.2021.105862 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Amphiphilic glycosylated block copolypeptides as macromolecular surfactants in the emulsion polymerization of styrene
Jacobs, Jaco; **Gathergood, Nicholas**; Heuts, Johan P. A.; Heise, Andreas Polymer chemistry 2015 / p. 4634-4640 : ill https://doi.org/10.1039/C5PY00548E Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Amplitude-modulated low-power decoupling sequences for fast magic-angle spinning NMR
Agarwal, Vipin; **Tuherm, Tiit**; **Reinhold, Andres**; **Past, Jaan**; **Samoson, Ago**; Ernst, Matthias; Meier, Beat H. Chemical Physics Letters 2013 / p. 1-7 https://doi.org/10.1016/j.cplett.2013.07.073 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Amyloid-beta PET and CSF in an autopsy-confirmed cohort
Reimand, Juhan; Boon, Baayla D.C.; Collij, Lyduine E.; Teunissen, Charlotte E.; Rozemuller, Annemieke J.M.; Van Berckel, Bart N.M.; Scheltens, Philip; Ossenkoppele, Rik; Bouwman, Femke Annals of clinical and translational neurology 2020 / p. 2150−2160 https://doi.org/10.1002/acn3.51195 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An alternative approach to distinguish movements of Parkinson disease patients
Nõmm, Sven; Toomela, Aaro; Vaske, Martti; Uvarov, Dan; Taba, Pille IFAC-PapersOnLine 2016 / p. 272-276 : ill https://doi.org/10.1016/j.ifacol.2016.10.546 Conference Proceedings at Scopus Article at Scopus Article at WOS

An analysis of hybrid renewable energy system using HOMER Pro: a case study in Sungai Tiang Camp, Perak
Fadzli, Nur Farzana Athirah Mohd; Azmi, Azlin Mohd; Dahlan, Nofri Yenita; Ismail, Zubir Ahmad Mohd; **Sukumaran, Sreenath** Journal of advanced research in applied sciences and engineering technology 2023 / p. 79-92 : ill https://doi.org/10.37934/araset.31.3.7992 Journal metrics at Scopus Article at Scopus

An analysis of issues for the management of post-disaster housing reconstruction
Bilau, Abdulquadri Ade; **Witt, Emlyn David Qivitoq** International journal of strategic property management 2016 / p. 265-276 : ill https://doi.org/10.3846/1648715X.2016.1189975 http://www.ester.ee/record=b2509383*est Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An approach to the inference of finite state machines based on a gravitationally-inspired search algorithm
Spitšakova, Margarita Proceedings of the Estonian Academy of Sciences 2013 / p. 39-46 https://doi.org/10.3176/proc.2013.1.05 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An assessment of the scope and effectiveness of soft measures to handle plastic pollution in the Baltic Sea Region
Filho, Walter Leal; **Voronova, Viktoria**; **Barbir, Jelena**; Moora, Harri; **Klõga, Marija**; Kliučininkas, Linas; Klavins, Maris; Tirca, Diana-Mihaela Marine pollution bulletin 2024 / art. 117090, 10 p. : ill https://doi.org/10.1016/j.marpolbul.2024.117090 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An electrochemical biosensor for direct detection of hepatitis C virus
Antipchik, Mariia; Korzhikova-Vlakh, Evgenia; Polyakov, Dmitry; Tarasenko, Irina; **Reut, Jekaterina**; **Öpik, Andres**; **Sõritski, Vitali** Analytical Biochemistry 2021 / art. 114196 https://doi.org/10.1016/j.ab.2021.114196 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An enhanced lightweight authentication scheme for secure access to cloud data
Hammami, Hamza; Obaidat, Mohammad S.; **Ben Yahia, Sadok** Proceedings of the 17th International Joint Conference on e-Business and Telecommunications, ICETE 2020 - Volume 3: ICE-B, Lieusaint, Paris, France, July 8-10, 2020 2020 / p. 110-117 https://doi.org/10.5220/0009824301100117

An evaluation of e-prescribing at a national level
Parv, Liisa; Kruus, Priit; Mõtte, Kaie; **Ross, Peeter** Informatics for health and social care 2014 / p. 78-95 https://doi.org/10.3109/17538157.2014.948170 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An expectation-based approach to policy-based security of the Border Gateway Protocol
Li, Jun; Stein, Josh; Zhang, Mingwei; **Maennel, Olaf Manuel** 2016 IEEE Conference on Computer Communications Workshops (INFOCOM WKSHPS) : GI 2016 : IEEE Global Internet Symposium : April 10-14, 2016, San Francisco, CA, USA 2016 / p. 340-345 : ill https://doi.org/10.1109/INFCOMW.2016.7562098 Conference Proceedings at Scopus Article at Scopus Article at WOS

An experimental study on the effects of matrix cracking to the stiffness of glass/epoxy cross plied laminates
Lasn, Kaspar; Echtermeyer, Andreas T.; **Klauson, Aleksander**; Chati, Farid; Decultot, Dominique Composites. Part B: Engineering 2015 / p. 260-268 : ill https://doi.org/10.1016/j.compositesb.2015.06.005 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An in situ study of bioenergetic properties of human colorectal cancer: The regulation of mitochondrial respiration and distribution of flux control among the components of ATP synthasome
Kaldma, Andrus; Klepinin, Aleksandr; Chekulayev, Vladimir; Mado, Kati; Shevchuk, Igor; Timohhina, Natalja; Tepp, Kersti; Kandashvili, Manana; **Planken, Margus**; **Truu, Laura** International journal of biochemistry and cell biology 2014 / p. 171-186 : ill https://doi.org/10.1016/j.biocel.2014.09.004 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An in-depth look at coping with maternity care in an efficiency-focused health system : using capital and field concepts for a holistic approach
Mets-Oja, Silja; **Lubi, Kadi**; Toots, Anu European Journal of Midwifery 2023 / p. 67 https://doi.org/10.18332/ejm/172176

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

An integrated electroactive polymer sensor-actuator : design, model-based control, and performance characterization
Hunt, Andres; Chen, Zheng; Tan, K.; **Kruusmaa, Maarja** Smart materials and structures 2016 / art. 035016, p. 1-16 : ill https://doi.org/10.1088/0964-1726/25/3/035016 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An interleaved ZVS high step-up converter for renewable energy systems applications
Nouri, Tohid; Branch, Sari; Shaneh, Mahdi; Benbouzid, Mohamed; **Vosoughi Kurdkandi, Naser** IEEE Transactions on Industrial Electronics 2022 / p. 4786-4800 https://doi.org/10.1109/TIE.2021.3080211 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An investigation of anticyclonic circulation in the southern Gulf of Riga during the spring period
Soosaar, Edith; **Maljutenko, Ilja**; **Raudsepp, Urmas**; **Elken, Jüri** Continental shelf research 2014 / p. 75-84 : ill https://doi.org/10.1016/j.csr.2014.02.009 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An investigation of image processing techniques for substrate classification based on dominant grain size using RGB images from UAV
Arif, Mohammad Shafi M.; Gülch, Eberhard; **Tuhtan, Jeffrey Andrew**; Thumser, Philipp; Haas, Christian International journal of remote sensing 2017 / p. 2639-2661 : ill https://doi.org/10.1080/01431161.2016.1249309 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An IoT course program to foster the adoption of IoT driven food and agriculture in Sub-Saharan Africa (SSA)
Kuaban, Godlove Suila; Nowak, Mateusz; Czekalski, Piotr; Tokarz, Krzysztof; Tangka, ulius Kewir; Siggursson, Kjartan; Nikitenko, Agris; Berkolds, Karlis; **Sell, Raivo** 2022 International Conference on Electrical, Computer and Energy Technologies (ICECET) 2022 / p. 1-7 https://doi.org/10.1109/ICECET55527.2022.9872825

An NMR and MD modeling insight into nucleation of 1,2-alkanediols : selective crystallization of lipase-catalytically resolved enantiomers from the reaction mixtures
Parve, Omar; Reile, Indrek; Parve, Jaan; Kasvandik, Sergo; **Kudrjašova, Marina**; **Tamp, Sven**; **Metsala, Andrus**; **Villo, Ly**; **Pehk, Tõnis**; Jarvet, Jüri; Vares, Lauri Journal of organic chemistry 2013 / p. 12795-12801 : ill https://doi.org/10.1021/jo402189e Journal metrics at Scopus Article at Scopus Article at WOS Journal metrics at WOS

An optimization framework for dynamic pipeline management in computing systems
Naqvi, Syed Rameez; Zahid, Anjum; Sawalha, Lina; **Jenihhin, Maksim** Computers & electrical engineering 2019 / p. 242-258 : ill https://doi.org/10.1016/j.compeleceng.2019.07.013 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An orthotropic material model for steel fibre reinforced concrete based on the orientation distribution of fibres
Eik, Marika; Puttonen, Jari; **Herrmann, Heiko** Composite structures 2015 / p. 324-336 : ill https://doi.org/10.1016/j.compstruct.2014.11.018 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An overview of FPGA-inspired obfuscation techniques
Abideen, Zain Ul; **Gokulanathan, Sumathi**; **Aljafar, Muayad J.**; **Pagliarini, Samuel Nascimento** ACM computing surveys 2024 / art. 299, 35 p. : ill https://doi.org/10.1145/3677118 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An SVM scheme for three-level quasi-switched boost T-type inverter with Enhanced voltage gain and capacitor voltage balance
Tran, Vinh-Thanh; Nguyen, Minh-Khai; Do, Duc-Tri; **Vinnikov, Dmitri** IEEE transactions on power electronics 2021 / p. 11499-11508 https://doi.org/10.1109/TPEL.2021.3071011 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analyse de la mentalité technocratique chez les fonctionnaires européens
Raudla, Ringa; Douglas, James W.; Mohr, Zachary T. Revue internationale des sciences administratives 2022 / p. 791-809 https://doi.org/10.3917/risa.884.0791

Analyses of non-coding somatic drivers in 2,658 cancer whole genomes
Rheinbay, Esther; Nielsen, Morten Muhlig; Abascal, Federico; Wala, Jeremiah A.; Shapira, Ofer; Tiao, Grace; Hornshøj, Henrik; Hess, Julian M.; Juul, Randi Istrup; **Uusküla-Reimand, Liis** Nature 2020 / 10 p. : ill https://doi.org/10.1038/s41586-020-1965-x Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analysing adversarial threats to rule-based local-planning algorithms for autonomous driving
Roberts, Andrew James; **Malayjerdi, Mohsen**; **Bellone, Mauro**; **Maennel, Olaf Manuel**; **Malayjerdi, Ehsan** The Inaugural Symposium on Vehicle Security and Privacy (VehicleSec) 2023, 27 February 2023, San Diego, CA, USA 2023 / 8 p. : ill https://doi.org/10.14722/vehiclesec.2023.23086

Analysing drivers of knowledge leakage in collaborative agreements : a magnetic processing case firm
Foli, Samuel; **Durst, Susanne** Journal of risk and financial management 2022 / art. 389 https://doi.org/10.3390/jrfm15090389 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analysing robustness of tiny deep neural networks
Mousavi, Hamid; Zoljodi, Ali; **Daneshtalab, Masoud** New Trends in Database and Information Systems : ADBIS 2023 Short Papers, Doctoral Consortium and Workshops : DOING, K-GALS, MADEISD, PeRS, Barcelona, Spain, September 4–7, 2023 : proceedings 2023 / p. 150-159 https://doi.org/10.1007/978-3-031-42941-5_14 Conference Proceedings at Scopus Article at Scopus

Analysing small states in crisis: fundamental assumptions and analytical starting points
Sarapuu, Külli; Thorhallsson, Baldur; Wivel, Anders Small states and the European migrant crisis : politics and governance 2021 / p. 19-40 https://doi.org/10.1007/978-3-030-66203-5_2

Analysing the actual use of controller-pilot data link communications
Orye, Erwin; **Visky, Gabor**; **Maennel, Olaf Manuel** Engineering Proceedings 2022 / art. 18 https://doi.org/10.3390/engproc2022028018

Analysing the behaviour of road users and estimating efficiency of smart pedestrian crossing as a tool for sustainable road safety improvement = Liikluskäitumise analüüs ja targa ülekäiguraja tõhususe hindamine jätkusuutliku liiklusohutuse parandamiseks
Ess, Juri 2022 https://doi.org/10.23658/taltech.35/2022 https://www.ester.ee/record=b5502798*est https://digikogu.taltech.ee/et/Item/55ddb22b-6b51-45d2-a644-d4ccca822be6

Analysing the influence of temperature and pressure on corona loss of 330kV overhead tranmission line
Gupta, Pradeep Kumar 22nd International Symposium “Topical Problems in the Field of Electrical and Power Engineering”. Doctoral School of Energy and Geotechnology III : Pärnu, Estonia, August 23-26, 2023 2023 / p. 79-80 : ill https://www.ester.ee/record=b5570906*est

Analysis and improvement of resilience for long short-term memory neural networks
Ahmadilivani, Mohammad Hasan; **Raik, Jaan**; **Daneshtalab, Masoud**; **Kuusik, Alar** 2023 IEEE International Symposium on Defect and Fault Tolerance in VLSI and Nanotechnology Systems (DFT) 2023 / 4 p https://doi.org/10.1109/DFT59622.2023.10313559

Analysis and optimization of the provision of reactive power by nanogrids in a low voltage network
Helguero Cruz, Jorge Luis 19th International Symposium “Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III” : Tartu, Estonia, January 14-17, 2020 2020 / p. 155-156 https://www.ester.ee/record=b5291755*est https://www.digar.ee/viewer/en/nlib-digar:425642/361332/page/201

Analysis and static mode optimization of simultaneous inductive and capacitive coupled wireless power transfer system
Shevchenko, Viktor; Pakhaliuk, Bohdan; **Husev, Oleksandr**; **Vinnikov, Dmitri**; Strzelecki, Ryszard; Khomenko, Maksym 2023 IEEE 64th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), Riga, Latvia, October 9-10, 2023 : conference proceedings 2023 / 5 p https://doi.org/10.1109/RTUCON60080.2023.10413112

Analysis and study of the influence of the geometrical parameters of mini unmanned quad-rotor helicopters to optimise energy saving
Penkov, Igor; **Aleksandrov, Dmitri** International journal of automotive and mechanical engineering 2017 / p. 4730-4746 : ill https://doi.org/10.15282/ijame.14.4.2017.11.0372 Journal metrics at Scopus Article at Scopus

Analysis of a flywheel storage system for ultra-fast charging station of electric vehicles with regard to electric machine design and operational speed range
Dziechciaruk, Grzegorz; Grzesiak, Lech; Vezzini, Andrea; **Hõimoja, Hardi** Przeglad Elektrotechniczny = Electrical Review 2013 / [7] p. :ill https://www.researchgate.net/publication/288576180_Analysis_of_a_flywheel_storage_system_for_ultra-fast_charging_station_of_electric_vehicles_with_regard_to_electric_machine_design_and_operational_speed_range Journal metrics at Scopus Article at Scopus

Analysis of a reconfigurable non-isolated DC-DC converter for DC microgrid applications
Yadav, Vinod Kumar; **Chub, Andrii** 2025 IEEE Seventh International Conference on DC Microgrids (ICDCM) 2025 / 6 p https://ieeexplore.ieee.org/document/11144731 https://doi.org/10.1109/ICDCM63994.2025.11144731

Analysis of advanced passive heatsinks for electrical machines enabled by additive manufacturing
Sarap, Martin; **Kallaste, Ants**; **Shams Ghahfarokhi, Payam**; **Vaimann, Toomas** 2023 IEEE Workshop on Electrical Machines Design, Control and Diagnosis (WEMDCD) : proceedings 2023 / 6 p. : ill https://doi.org/10.1109/WEMDCD55819.2023.10110940

An Analysis of Arterial Pulse Wave Time Features and Pulse Wave Velocity Calculations Based on Radial Electrical Bioimpedance Waveforms in Patients Scheduled for Coronary Catheterization
Lotamõis, Kristina; Uuetoa, Tiina; **Krivošei, Andrei**; **Annus, Paul**; **Metshein, Margus**; **Rist, Marek**; Margus, Sulev; **Min, Mart**; **Tamberg, Gert** Journal of Cardiovascular Development and Disease 2025 / art. 237 https://doi.org/10.3390/jcdd12070237

Analysis of autonomous driving software to low-level sensor cyber attacks
Roberts, Andrew James; **Malayjerdi, Mohsen**; **Bellone, Mauro**; **Sell, Raivo**; **Maennel, Olaf Manuel**; **Hamad, Mohammad**; **Steinhorst, Sebastian** 20th International Conference on Software Engineering for Adaptive and Self-Managing Systems, SEAMS 2025, 28-29 April 2025, Ottawa, Ontario, Canada 2025 / 11 p https://www.etis.ee/Portal/Publications/Display/c612b9a7-7a51-4621-b2d2-

76ec03764667

Analysis of barrier inhomogeneities of P-type Al/4H-SiC Schottky barrier diodes
Ziko, Mehadi Hasan; **Koel, Ants**; **Rang, Toomas**; **Toompuu, Jana** Silicon Carbide and Related Materials 2019 : Selected peer-reviewed papers from International Conference on Silicon Carbide and Related Materials 2019 (ICSCRM 2019), September 29 - October 4, 2019, Kyoto, Japan Materials science forum 2020 / p. 960-972 https://doi.org/10.4028/www.scientific.net/MSF.1004.960 Conference proceedings at Scopus Article at Scopus

Analysis of black start strategies for microgrids with renewable distributed generation
Armstorfer, Andreas; Biechl, Helmuth; **Rosin, Argo** IECON 2019 - 45th Annual Conference of the IEEE Industrial Electronics Society : proceedings 2019 / p. 2121–2125 : ill https://doi.org/10.1109/IECON.2019.8926631 Conference proceedings at Scopus Article at Scopus Article at WOS

Analysis of borehole geophysical data from the Mora area of the Siljan Ring impact structure, central Sweden
Muhamad, Harbe; Juhlin, Christopher; **Lehnert, Oliver**; Meinhold, Guido; Andersson, Magnus; Garcia Juanatey, Maria; Malehmir, Alireza Journal of Applied Geophysics 2015 / p. 183 - 196 https://doi.org/10.1016/j.jappgeo.2015.02.019 Journal metrics at Scopus Article at Scopus Jpurnal metrics at WOS Article at WOS

Analysis of broken rotor bar diagnostic techniques for inverter fed induction motor faults
Sardar, Muhammad Usman 22nd International Symposium “Topical Problems in the Field of Electrical and Power Engineering”. Doctoral School of Energy and Geotechnology III : Pärnu, Estonia, August 23-26, 2023 2023 / p. 39-40 : ill https://www.ester.ee/record=b5570906*est

Analysis of causes of the end of service life of a spray polyurethane foam and polyurea roof
Kalamees, Targo; **Ilomets, Simo**; **Põldaru, Mattias**; **Klõšeiko, Paul**; **Kallavus, Urve**; **Rosenberg, Margit**; **Õiger, Karl** E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 15002, 6 p. : ill https://doi.org/10.1051/e3sconf/202017215002 Conference proceedings at Scopus Article at Scopus Article at WOS

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

Analysis of common mode and rapidly varying voltage profile on stator current harmonics of an inverter-fed induction motor
Sardar, Muhammad Usman; **Vaimann, Toomas**; **Kütt, Lauri**; **Kallaste, Ants**; **Asad, Bilal**; **Kudelina, Karolina**; **Akbar, Siddique** 2023 IEEE 64th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), Riga, Latvia, October 9-10, 2023 : conference proceedings 2023 / 6 p. : ill https://doi.org/10.1109/RTUCON60080.2023.10413067

Analysis of consumer energy flexibility and applicability for power system
Metsik, Merilin; **Rosin, Argo**; **Maask, Vahur**; **Agabus, Hannes** 2024 IEEE 65th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2024 / 6 p https://doi.org/10.1109/RTUCON62997.2024.10830882

Analysis of deep level centers in GaAs pin-diode structures
Korolkov, Oleg; **Toompuu, Jana**; **Rang, Toomas** Elektronika ir elektrotechnika = Electronics and electrical engineering 2013 / [4 p.] : ill https://doi.org/10.5755/j01.eee.19.10.5903 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analysis of design requirements and optimization possibilities of partial power converter for photovoltaic string applications in DC microgrids
Chub, Andrii; **Hassanpour, Naser**; **Yadav, Neelesh**; **Jalakas, Tanel**; **Blinov, Andrei**; **Vinnikov, Dmitri** IEEE Access 2024 / p. 14605-14619 https://doi.org/10.1109/ACCESS.2024.3354375 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analysis of driving public values of AI initiatives in government in Europe
Noordt, Colin van; Misuraca, Gianluca; **Mergel, Ines** Research Handbook on Public Management and Artificial Intelligence 2024 / p. 226-244 https://doi.org/10.4337/9781802207347.00024 Scopus

Analysis of electromagnetic force ripple in a bearingless synchronous reluctance motor
Mukherjee, Victor; Rasilo, Paavo; Martin, Floran; **Belahcen, Anouar** IEEE transactions on magnetics 2021 / art. 9277612, 8 p. : ill https://doi.org/10.1109/TMAG.2020.3041703 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analysis of energy economic renovation for historic wooden apartment buildings in cold climates
Arumägi, Endrik; **Kalamees, Targo** Applied energy 2014 / p. 540-548 : ill https://doi.org/10.1016/j.apenergy.2013.10.041 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An analysis of engineering students' knowledge on the topic of occupational health and safety
Paju, Jana; **Kalle, Sigrid** Agronomy research 2015 / p. 810-819 : ill http://agronomy.emu.ee/vol133/13_3_19_B5.pdf Journal metrics at

Scopus Article at Scopus

An analysis of existential graphs-part 2 : beta
Bellucci, Francesco; **Pietarinen, Ahti-Veikko** Synthese 2021 / p. 7705-7726 : ill https://doi.org/10.1007/s11229-021-03134-3 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analysis of factor VIII levels in haemophilia A treated patients – preliminary results of pharmacokinetic study
Pikta, Marika; Kaju, Kaspar; Malikov, A.; Urbala, Maike; Saks, K.; Rahuoja, Kaisa; Varik, M.; Lepik, K.; Ross, Mariken Haemophilia 2023 / p. 107 https://doi.org/10.1111/hae.14715

Analysis of fault-tolerant operation capabilities of an isolated bidirectional current-source DC–DC converter
Blinov, Andrei; **Kosenko, Roman**; **Chub, Andrii**; Ivakhno, Volodymyr Energies 2019 / art. 3203, p. 14 : ill https://doi.org/10.3390/en12163203 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analysis of financial growth in manufacturing companies across three Nordic countries
Hilmola, Olli-Pekka Kristian; Fjellström, Daniella; Hilletofth, Per Frontiers in Applied Mathematics and Statistics 2025 / 13 p https://doi.org/10.3389/fams.2025.1629810

The analysis of finger photoplethysmographic waveform in healthy volunteers and diabetes patients [Electronic resource]
Pilt, Kristjan; **Meigas, Kalju**; **Temitski, Kristina**; **Viigimaa, Margus** IFMBE proceedings ; Vol. 38 2013 / p. 55-58 : ill [CD-ROM] https://doi.org/10.1007/978-3-642-34197-7_14 Conference Proceedings at Scopus Article at Scopus

Analysis of functional gene transcripts suggests active CO2 assimilation and CO oxidation by diverse bacteria in marine sponges
Feng, Guofang; Zhang, Fengli; Banakar, Shivakumar; **Karlep, Liisi**; Li, Zhiyong FEMS Microbiology Ecology 2019 / art. fiz087 https://doi.org/10.1093/femsec/fiz087 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analysis of grain orientation and defects in Sb2Se3 solar cells fabricated by close-spaced sublimation
Krautmann, Robert; **Spalatu, Nicolae**; Gunder, Rene; Abou-Ras, Daniel; Unold, Thomas; Schorr, Susan; **Oja Acik, Ilona**; **Krunks, Malle** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 17 https://fmtdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Analysis of grain orientation and defects in Sb2Se3 solar cells fabricated by close-spaced sublimation : [journal article]
Krautmann, Robert; **Spalatu, Nicolae**; Gunder, Rene; Abou-Ras, Daniel; Unold, Thomas; Schorr, Susan; **Krunks, Malle**; **Oja Acik, Ilona** Solar energy 2021 / p. 494-500 https://doi.org/10.1016/j.solener.2021.07.022 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analysis of greenhouse gas emissions from Estonian oil shale based energy production processes. Life cycle energy analysis perspective
Siirde, Andres; Eldermann, Meelis; Rohumaa, Priit; **Gušča, Julija** Oil shale 2013 / p. 268-282 : ill https://artiklid.elnet.ee/record=b2631747*est https://doi.org/10.3176/oil.2013.2S.07 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analysis of historical MERIS and MODIS data to evaluate the impact of dredging to monthly mean surface TSM concentration
Raag, Laura; **Uiboupin, Rivo**; **Sipelgas, Liis** Remote sensing of the ocean, sea ice, coastal wates, and large water regions 2013 : 24 September 2013, Dresden, Germany 2013 / art. 88880B https://doi.org/10.1117/12.2032327 Conference Proceedings at Scopus Article at Scopus Article at WOS

Analysis of holdup time for DC grid-forming isolated active front-end converters
Carvalho da Silva, Edivan Laercio; **Blinov, Andrei**; **Chub, Andrii**; **Vinnikov, Dmitri** IECON 2022 - 48th Annual Conference of the IEEE Industrial Electronics Society 2022 / p. 1-6 https://doi.org/10.1109/IECON49645.2022.9969075 Conference proceedings at Scopus Article at Scopus

Analysis of hull performance on fast patrol boat with an extended study of survivability under damaged conditions
Pratama, Angga Sifta; Prabowo, Aditya Rio; Muhayat, Nurul; **Putranto, Teguh**; Tuswan, Tuswan IOP Conference Series: Earth and Environmental Science ; 1166, 1 2023 / art. 012046 https://doi.org/10.1088/1755-1315/1166/1/012046 Conference Proceedings at Scopus Article at Scopus

Analysis of Industry 4.0 capabilities: a perspective of educational institutions and needs of industry
Mahmood, Kashif; **Otto, Tauno**; Kristensen, Jesper H.; Heidemann Lassen, Astrid; Brunoe, Thomas D.; Schou, Casper; Christiansen, Lasse; Laursen, Esben Skov Towards Sustainable Customization : Bridging Smart Products and Manufacturing Systems : proceedings of the 8th Changeable, Agile, Reconfigurable and Virtual Production Conference (CARV2021) and the 10th World Mass Customization & Personalization Conference (MCPC2021), Aalborg, Denmark, October/November 2021 2022 / p. 887–894 https://doi.org/10.1007/978-3-030-90700-6_101 Conference proceedings at Scopus Article at Scopus

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 Conference proceedings at Scopus Article at Scopus Article at WOS

Analysis of insulation degradation behavior based on partial discharge measurement
Choudhary, Maninder 22nd International Symposium “Topical Problems in the Field of Electrical and Power Engineering”. Doctoral School of Energy and Geotechnology III : Pärnu, Estonia, August 23-26, 2023 2023 / p. 71-72 : ill https://www.ester.ee/record=b5570906*est

Analysis of Kazakhstan oil shale deposits in accordance with resource estimation practices for consideration of potential shale oil reserves
Sabanov, Sergei; **Konist, Alar**; Korshunova, Ruslana Energies 2025 / art. 621 https://doi.org/10.3390/en18030621

Analysis of keyword spotting performance across IARPA Babel languages
Hartmann, William; Karakos, Damianos; Hsiao, Roger; Zhang, Le; **Alumäe, Tanel**; Tsakalidis, Stavros; Schwartz, Richard 2017 IEEE International Conference on Acoustics, Speech, and Signal Processing : proceedings : March 5-9, 2017, Hilton New Orleans Riverside, New Orleans, Louisiana, USA 2017 / p. 5765-5769 : ill https://doi.org/10.1109/ICASSP.2017.7953261 Conference proceedings at Scopus Article at Scopus Article at WOS

Analysis of large deflections of a curved cantilever subjected to a tip-concentrated follower force
Shvartsman, Boris International journal of non-linear mechanics 2013 / p. 75-80 : ill https://doi.org/10.1016/j.ijnonlinmec.2012.10.015 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analysis of logistics costs drivers in Estonia
Kiisler, Ain; **Hilmola, Olli-Pekka Kristian**; **Tolli, Andres** World review of intermodal transportation research 2017 / p. 110-129 https://doi.org/10.1504/WRITR.2017.082731 Journal metrics at Scopus Article at Scopus

Analysis of measures for managing issues in post-disaster housing reconstruction
Bilau, Abdulquadri Ade; **Witt, Emlyn David Qivitoq**; **Lill, Irene** Buildings 2017 / art. 29, p. 1-26 : ill https://doi.org/10.3390/buildings7020029 Journal metrics at Scopus Article at Scopus

Analysis of microstructure and abrasive wear of Fe-based hardfacings with TiC, in-situ synthesized from TiO2
Yöyler, Sibel; **Surzhenkov, Andrei**; **Antonov, Maksim**; **Viljus, Mart**; **Traksmaa, Rainer**; **Juhani, Kristjan** Euro PM2023 : proceedings 2023 / art. 195090 https://doi.org/10.59499/EP235762969

Analysis of natural background and dredging-induced changes in TSM concentration from MERIS images near commercial harbours in the Estonian coastal sea
Siitam, Laura; **Sipelgas, Liis**; **Uiboupin, Rivo** International journal of remote sensing 2014 / p. 6764-6780 : ill https://doi.org/10.1080/01431161.2014.963898 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analysis of optical properties and structure of GaTe - CdTe nanocomposite
Caraman, Iuliana; Untila, Dumitru; Evtodiev, Igor; Canter, Valeriu; **Spalatu, Nicolae**; Rusu, Dragos; Luchian, Efimia; Rotaru, Irina Chalcogenide letters 2015 / p. 683-692 : ill https://chalcogen.ro/683_Caraman.pdf Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analysis of photocatalytic performance of nanostructured pyrogenic titanium dioxide powders in view of their polydispersity and phase transition : critical anatase particle size as a factor for suppression of charge recombination
Moiseev, Anna; **Kritševskaja, Marina**; Qi, Fei; Weber, Alfred; Deubener, Joachim Chemical engineering journal 2013 / p. 614-621 : ill https://doi.org/10.1016/j.cej.2013.05.038 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analysis of policy alignment including country case studies : Deliverable D8.1
Šogenova, Alla; **Šogenov, Kazbulat**; Fantini, Martina; Ferrari, Katia; Guasti, Elisa; Martinelli, Francesco; Sogni, Alberto; Damasiotis, Markos; Patlitzianas, Kostas; Tzaos, Petros; Dütschke, Elisabeth; Kantel, Anne; Jannsen, Hannah 2024 https://www.herccules.eu/results-publications/deliverables/public.html

Analysis of possible faults and diagnostic methods of the Cartesian industrial robot
Autsou, Siarhei; **Rassõlkin, Anton**; **Vaimann, Toomas**; **Kudelina, Karolina** Proceedings of the Estonian Academy of Sciences 2022 / p. 227-24 : ill https://doi.org/10.3176/proc.2022.3.04 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analysis of series partial power converter in transient and steady-state operation modes
Hassanpour, Naser 21st International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Pärnu, Estonia, June 15-18, 2022 2022 / p. 51-52 https://www.ester.ee/record=b5504019*est

Analysis of ship wake transformation in the coastal zone using time-frequency methods
Torsvik, Tomas; **Herrmann, Heiko**; **Didenkulova, Irina**; **Rodin, Artem** Proceedings of the Estonian Academy of Sciences 2015 / p. 379-388 : ill https://artiklid.elnet.ee/record=b2740572*est https://doi.org/10.3176/proc.2015.3S.08 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analysis of short fibres orientation in steel fibre-reinforced concrete (SFRC) by X-ray tomography
Suuronen, Jussi-Petteri; **Eik, Marika**; **Herrmann, Heiko** Journal of materials science 2013 / p. 1358-1367 : ill https://doi.org/10.1007/s10853-012-6882-4 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analysis of STEM teaching - most common strategies and methods enabling deep understanding and interactive learning applied by graduates of technical teacher initial and continuing education programs in Estonia
Rüütmann, Tiia Interactive Collaborative Learning : proceedings of the 19th ICL Conference - Volume 1 2017 / p. 405-414 : ill https://doi.org/10.1007/978-3-319-50337-0_39 Conference proceedings at Scopus Article at Scopus

Analysis of the impact of poisoned data within Twitter classification models
Price, Christopher; **Nõmm, Sven**; **Priisalu, Jaan** Proceedings of the 5th interdisciplinary cyber research conference 2019 : 29th of June 2019, Tallinn University of Technology [Online resource] 2019 / p. 53-57 https://doi.org/10.1016/j.ifacol.2019.12.170 https://www.ester.ee/record=b5238490*est Conference proceedings at Scopus Article at Scopus Article at WOS

Analysis of the impact of predictive models on the quality of the model predictive control for an experimental building
Proceedings of Building Simulation 2021: 17th Conference of IBPSA 2022 / p. 302-309 https://doi.org/10.26868/25222708.2021.30566

Analysis of the insolation criteria for nearly-zero energy buildings in Estonia
Voll, Hendrik; **De Luca, Francesco**; Pavlovas, Vitalis Science and technology for the built environment 2016 / p. 939-950 : ill https://doi.org/10.1080/23744731.2016.1195657 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analysis of the options of modernization of roller-bit drilling machines with a submersible steamer
Yungmeister, Dmitry A.; **Krupenski, Igor**; Lavrenko, Sergey A. Journal of Mining Institute 2018 / p. 321 - 325 https://doi.org/10.25515/pmi.2018.3.321 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analysis of the reciprocal wear testing of Aluminum AA1050 processed by a novel mechanical nanostructuring technique
Omranpour Shahreza, Babak; **Kommel, Lembit**; **Sergejev, Fjodor**; **Ivanisenko, Yulia**; **Antonov, Maksim** IOP conference series : materials science and engineering 2021 / art. 012051, 6 p. : ill https://doi.org/10.1088/1757-899X/1140/1/012051

Analysis of the use of supercapacitors and batteries as energy storage elements for off-grid hybrid photovoltaic inverters
Gonschorowski, E.; Cardoso, Rafael; **Carvalho da Silva, Edivan Laercio**; de Oliveira Stein, Carlos Marcelo; Carati, Emerson Giovani; Denardin, Gustavo Weber; da Costa, Jean Patric 2023 IEEE 8th Southern Power Electronics Conference and 17th Brazilian Power Electronics Conference (SPEC/COBEP) 2023 / 7 p https://doi.org/10.1109/SPEC56436.2023.10407182

Analysis of the vibration magnitude of an induction motor with different numbers of broken bars
Martinez, Javier; **Belahcen, Anouar**; Muetze, Annette IEEE transactions on industry applications 2017 / p. 2711-2720 : ill https://doi.org/10.1109/TIA.2017.2657478 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analysis of total phenols, sugars, and mineral elements in colored tubers of solanum tuberosum l.
Saar-Reismaa, Piret; Kotkas, Katrin; Rosenberg, Viive; **Kulp, Maria**; **Kuhtinskaja, Maria**; **Vaher, Merike** Foods 2020 / art. 1862 https://doi.org/10.3390/foods9121862 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analysis of traditional and alternative methods for solving voltage problems in low voltage grids : an Estonian case study
Rosin, Argo; **Drovtar, Imre**; **Mõlder, Heigo**; **Haabel, Kaija**; **Astapov, Victor**; **Vinnal, Toomas**; **Korõtko, Tarmo** Energies 2022 / art. 1104 https://doi.org/10.3390/en15031104 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analysis of wave properties in the Baltic Sea : integrating findings from the Gulf of Finland, Gulf of Riga and Western Baltic Coasts
Giudici, Andrea; **Männikus, Rain**; **Jankowski, Mikolaj Zbigniew**; **Soomere, Tarmo** New challenges for Baltic Sea Earth System research : conference proceedings 2024 / p. 61-62
https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/baltic_earth/5bec_proceedings.pdf

Analysis of ventilation load flexibility depending on indoor climate conditions
Maask, Vahur; **Häring, Tobias**; **Ahmadiahangar, Roya**; **Rosin, Argo**; **Korõtko, Tarmo** 2020 IEEE International Conferenceon Industrial Technology, Buenos Aires Institute of Technology (ITBA) Buenos Aires, Argentina, 26-28 February, 2020 : proceedings 2020 / p. 607-612 https://doi.org/10.1109/ICIT45562.2020.9067153 Conference Proceedings at Scopus Article at Scopus Article at WOS

Analyzing and investigating encrypted traffic for social media application Instagram
Iqbal, Hameed; Ahmad, Rizwan; Ahmed, Waqas; Qazi, Shams; **Alam, Muhammad Mahtab** 2022 18th Biennial Baltic Electronics Conference (BEC) 2022 / 6 p. : ill https://doi.org/10.1109/BEC56180.2022.9935603

Analyzing Apache Storm as core for an event processing network model
Schulze, Christin; Gerner, Christian; Tyca, Matthias; Koschel, Arne; Pakosch, Anna; **Astrova, Irina** Intelligent systems and applications : proceedings of the 2021 Intelligent Systems Conference (IntelliSys). Volume 3 2024 / p. 397 - 410 https://doi.org/10.1007/978-3-031-47715-7_27 Conference Proceedings at Scopus Article at Scopus Article at WOS

Analyzing candidate speaking time in Estonian Parliament election debates
Talts, Siim; **Alumäe, Tanel** DHN 2020 : Digital Humanities in the Nordic Countries : proceedings of the Digital Humanities in the Nordic Countries 5th Conference : Riga, Latvia, October 21-23, 2020 2020 / p. 351–363 http://ceur-ws.org/Vol-2612/short22.pdf Conference proceedings at Scopus Article at Scopus

Analyzing eID public acceptance and user preferences for current authentication options in Estonia
Tsap, Valentyna; **Lips, Silvia**; **Draheim, Dirk** Electronic Government and the Information Systems Perspective : 9th International Conference, EGOVIS 2020, Bratislava, Slovakia, September 14-17, 2020 : proceedings 2020 / p. 159-173 https://doi.org/10.1007/978-3-030-58957-8_12 Conference proceedings at Scopus Article at Scopus Conference proceedings at WOS Article at WOS

Analyzing energy flexibility by demand response in a Finnish district heated apartment building
Ju, Yuchen; **Jokisalo, Juha**; **Kosonen, Risto**; Kauppi, Ville; Janßen, Philipp E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 09006, 7 p. : ill https://doi.org/10.1051/e3sconf/202124609006 Conference proceedings at Scopus Article at Scopus Journal metrics at WOS

Analyzing meta-heuristic algorithms for task scheduling in a fog-based IoT application
Rahbari, Dadmehr Algorithms 2022 / art. 397 https://doi.org/10.3390/a15110397 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analyzing power and energy flexibilities by demand response in district heated buildings in Finland and Germany
Ju, Yuchen; **Jokisalo, Juha**; **Kosonen, Risto**; Kauppi, Ville; Janßen, Philipp Science and technology for the built environment 2021 / p. 1440-1460 : ill https://doi.org/10.1080/23744731.2021.1950434 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analyzing the emptying process of a large-scale pipeline with three-dimensional CFD simulations
Chen, Xifeng; Hou, Qingzhi; **Tijsseling, Arris S.**; **Laanearu, Janek**; Khu, Soon Thiam Journal of hydraulic engineering 2025 / art. 04025036 https://doi.org/10.1061/JHEND8.HYENG-14153

Analyzing the fulfillment of daylight and overheating requirements in residential and office buildings in Estonia
Sepulveda Luque, Abel; **De Luca, Francesco**; **Thalfeldt, Martin**; **Kurnitski, Jarek** Building and environment 2020 / art. 107036, 12 p https://doi.org/10.1016/j.buildenv.2020.107036 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analytical approach for maximizing self-consumption of nearly zero energy buildings- case study : Baltic region
Ahmadiahangar, Roya; Karami, Hossein; **Husev, Oleksandr**; **Blinov, Andrei**; **Rosin, Argo**; Jonaitis, Audrius; Sanjari, Mohammad Javad Energy 2022 / art. 121744, 11 p. : ill https://doi.org/10.1016/j.energy.2021.121744 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analytical approach to investigate the effect of gas channel draft angle on the performance of PEMFC and species distribution
Ahmadi, Nima; **Kõrgesaar, Mihkel** International journal of heat and mass transfer 2020 / art. 119529 https://doi.org/10.1016/j.ijheatmasstransfer.2020.119529 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analytical model including rotor eccentricity for bearingless synchronous reluctance motors
Saarakkala, Seppo E.; Mukherjee, Victor; **Belahcen, Anouar** 2018 XIII International Conference on Electrical Machines (ICEM 2018) : Alexandroupoli, Greece, 3-6 September 2018 2018 / p. 1388-1394 : ill https://doi.org/10.1109/ICELMACH.2018.8506892

Analytical modelling and prediction formulas for domestic hot water consumption in residential Finnish apartments
Ferrantelli, Andrea; Ahmed, Kaiser; Pylsy, Petri; **Kurnitski, Jarek** Energy and buildings 2017 / p. 53-60 : ill https://doi.org/10.1016/j.enbuild.2017.03.021 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analytical modelling of synchronous reluctance motor including non-linear magnetic condition
Naseer, Muhammad Usman; **Kallaste, Ants**; **Asad, Bilal**; **Vaimann, Toomas**; **Rassõlkin, Anton** IET electric power applications 2022 / p. 511-524 https://doi.org/10.1049/elp2.12172 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analytical quality by design concept in environmental analysis
Jurjeva, Jelena; **Koel, Mihkel** Future Frontiers : PhD Conference on Emerging Technologies : Book of Abstracts 2025 / p. 22 ; oral 12 https://tuit.ut.ee/sites/default/files/2025-05/PhD%20Conference%202025%20Book%20of%20Abstracts_pub3.pdf

Analytical Quality by Design in Environmental Analysis = Analüütilise disainiruumi kontseptsiooni rakendamine

saasteainete pinnases määramise meetodi väljatöötamisel
Jurjeva, Jelena 2025 https://www.ester.ee/record=b5758848*est https://digikogu.taltech.ee/et/Item/365bb698-bf6e-4768-8d60-31737d61ce10 https://doi.org/10.23658/taltech.65/2025

Analytical solutions for tsunami waves generated by submarine landslides in narrow bays and channels
Didenkulova, Irina; Pelinovsky, Efim Pure and applied geophysics 2013 / p. 1661-1671 : ill https://doi.org/10.1007/s00024-012-0510-8 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analytical thermal model and flow network analysis suitable for open self-ventilated machines
Shams Ghahfarokhi, Payam; **Kallaste, Ants**; **Belahcen, Anouar**; **Vaimann, Toomas** IET Electric Power Applications 2020 / p. 929-936 : ill https://doi.org/10.1049/iet-epa.2019.1020 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

ANAMMOX-denitrification biomass in microbial fuel cell to enhance the electricity generation and nitrogen removal efficiency
Zekker, Ivar; Bhowmick, Gourav Dhar; Priks, Hans; Nath, Dibyojyoty; Rikmann, Ergo; **Jaagura, Madis** Biodegradation 2020 / p. 249 - 264 https://doi.org/10.1007/s10532-020-09907-w Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Anchor tenants : social capital creation in nascent entrepreneurial ecosystems
Harima, Aki Entrepreneurial ecosystems in cities and regions : emergence, evolution, and future 2024 / p. 314-331 https://doi.org/10.1093/oso/9780192866264.003.0018

The anchoring of inflation expectations in the short and in the long run
Nautz, Dieter; Strohsal, Till; **Netšunajev, Aleksei** Macroeconomic dynamics 2019 / p. 1959-1977 : ill https://doi.org/10.1017/S1365100517000517 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Andmed tulevikuühiskonnas : andmevabaduse tuleviku uurimissuund : uuring 2022
Õunapuu, Tauno; Olesk, Maarja; Raun, Merle; Kaldur, Kristjan; **Tiits, Marek**; Tatar, Merit 2022 https://www.ester.ee/record=b5643049*est https://www.ibs.ee/wp-content/uploads/Andmed-tulevikuuhiskonnas-2022.pdf

Andrographolide, a diterpene lactone from Andrographis paniculata and its therapeutic promises in cancer
Islam, Muhammad Torequl; Ali, Eunüs S.; Uddin, Shaikh Jamal; **Gupta, Vijai Kumar** Cancer letters 2018 / p. 129-145 : ill https://doi.org/10.1016/j.canlet.2018.01.074 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Android malware concept drift using system calls : detection, characterization and challenges
Guerra Manzanares, Alejandro; Luckner, Marcin; **Bahsi, Hayretdin** Expert systems with applications 2022 / art. 117200, 19 p. : ill https://doi.org/10.1016/j.eswa.2022.117200 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Anharmonic vibrational spectrum and experimental matrix isolation study of thioformic acid conformers-potential candidates for molecular cloud and solar system observations?
Lignell, A.; **Osadchuk, Irina**; Rasanen, M.; Lundell, J. The astrophysical journal 2021 / 7 p. : ill https://doi.org/10.3847/1538-4357/ac06d0 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Anion binding of biotinuril derivatives enhanced by silver cation
Siilak, Kristjan; **Dalidovich, Tatsiana**; **Shalima, Tatsiana**; **Kudrjašova, Marina**; **Ustrnul, Lukas**; **Aav, Riina** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / p 35 https://fmtdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Anisotroopsetel õhukesekilelistel absorbermaterjalidel põhinevad päikesepatareid : disain ja säästlike tehnoloogiate arendus
Oja Acik, Ilona; **Krunks, Malle**; **Spalatu, Nicolae**; **Katerski, Atanas** Eesti Vabariigi preemiad 2025 : teadus. F. J. Wiedemanni keeleauhind. Sport. Kultuur. Haridus 2025 / p. 56-75 https://doi.org/10.3176/evp.2025.05

Anisotropic and strain-dependent model of magnetostriction in electrical steel sheets
Belahcen, Anouar; Singh, Deepak; Rasilo, Paavo; Martin, Floran; Ghalamestani, Setareh Gorji; Vandevelde, Lieven IEEE transactions on magnetics 2015 / p. 200-204 : ill https://doi.org/10.1109/TMAG.2014.2361681 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Annealing effect for SnS thin films prepared by high-vacuum evaporation
Revathi, Naidu; **Bereznev, Sergei**; **Loorits, Mihkel**; **Raudoja, Jaan**; **Lehner, Julia**; **Gurevitš, Jelena**; **Traksmaa, Rainer**; **Mikli, Valdek**; **Mellikov, Enn**; **Volobujeva, Olga** Journal of vacuum science & technology A 2014 / p. 061506-1 - 061506-6 : ill https://doi.org/10.1116/1.4896334 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Annealing effect on CdS films : transition from glass to ITO
Maticiuc, Natalia; **Hiie, Jaan** IOP conference series : materials science and engineering 2013 / p. 1-4 : ill https://doi.org/10.1088/1757-899X/49/1/012061 Conference Proceedings at Scopus Article at Scopus Article at WOS

Annealing of Al-Zn-Mg-Cu alloy at high pressures : evolution of microstructure and the corrosion behavior
Suo, Chuanjun; Ma, Pan; Jia, Yandong; Liu, Xiao; Shi, Xuerong; Yu, Zhishui; **Prashanth, Konda Gokuldoss** Materials 2021 / art. 2076, 17 p. : ill https://doi.org/10.3390/ma14082076 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Annealing of frozen-in defects in ZnO
Nirk, Tiit; **Lott, Kalju**; Seeman, Viktor; **Türn, Leo**; **Viljus, Mart**; **Öpik, Andres** Physica status solidi (c) 2016 / p. 590-593 : ill https://doi.org/10.1002/pssc.201510244 Journal metrics at Scopus Article at Scopus Article at WOS

The annexation of Crimea : a realist look from the energy resources perspective
Keypour, Javad; Hendla, Ivar Baltic journal of European studies 2019 / p. 148-165 : ill https://doi.org/10.1515/bjes-2019-0027 Journal metrics at Scopus Article at Scopus Article at WOS

ANN-LSTM based tool for photovoltaic power forecasting
Zahraoui, Younes; **Korõtko, Tarmo**; Mekhilef, Saad; **Rosin, Argo** 2024 4th International Conference on Smart Grid and Renewable Energy (SGRE) : proceedings 2024 / 6 p. : ill https://doi.org/10.1109/SGRE59715.2024.10428969

Annual performance analysis of heat emission in radiator and underfloor heating systems in the European reference room
Võsa, Karl-Villem; **Ferrantelli, Andrea**; **Kurnitski, Jarek** E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019 2019 / art. 04009, 8 p https://doi.org/10.1051/e3sconf/201911104009 Conference proceedings at Scopus Article at Scopus

Annual variation of air-water temperature difference at three Estonian coastal stations
Keevallik, Sirje Estonian journal of engineering 2013 / p. 329-335 : ill https://doi.org/10.3176/eng.2013.4.07 Article at Scopus

Anomaly detection and classification in power system state estimation: Combining model-based and data-driven methods
Asefi, Sajjad; Mitrovic, Mile; Cetenovic, Dragan; Levi, Victor; Gryazina, Elena; Terzija, Vladimir Sustainable energy, grids and networks 2023 / art. 101116, 14 p. : ill https://doi.org/10.1016/j.segan.2023.101116 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Anomaly detection, classification and identification Tool (ADCIT)
Asefi, Sajjad; Mitrovic, Mile; Cetenovic, Dragan; Levi, Victor; Gryazina, Elena; Terzija, Vladimir Software impacts 2023 / art. 100465, 3 p. : ill https://doi.org/10.1016/j.simpa.2023.100465 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Another scalability is possible! From non-scalability to cosmolocal scalability
Kostakis, Vasileios; **Lemos, Lucas Barreiro**; **Kouvara, Asimina** tripleC: Communication, Capitalism & Critique 2024 / p. 620-629 https://doi.org/10.31269/triplec.v22i2.1535 Journal metrics at Scopus Article at Scopus

Another side of categorical propositions : the Keynes-Johnson octagon of oppositions
Moktefi, Amirouche; Schang, Fabien History and philosophy of logic 2023 / p. 459-475 https://doi.org/10.1080/01445340.2022.2143711 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Antecedents of technological readiness in times of crises : a comparison between before and during COVID-19
Durst, Susanne; Davila, Andres; **Foli, Samuel**; Kraus, Sascha; Cheng, Cheng-Feng Technology in society 2023 / art. 102195 https://doi.org/10.1016/j.techsoc.2022.102195 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Anthropogenic impact on a seacoast landscape during the last 1300 years in central Latvia, Northeastern Europe
Stivrinš, Normunds; Doniņa, Inga; Auns, Muntis; **Blaus, Ansis**; **Liiv, Merlin**; Steinberga, Dace; Jasiunas, Nauris; Grudzinska, Ieva Geoarchaeology 2023 / p. 466-481 : ill https://doi.org/10.1002/gea.21961 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Antibacterial activity of chitosan-silver nanocomposites
Kasemets, Kaja; **Laanoja, Jüri**; Kahru, Anne Debrecen Colloquium on Carbohydrates 2020 in 2022, August 24-27, 2022Debrecen, Hungary : program and abstracts 2022 / p. 47 https://konferencia.unideb.hu/sites/default/files/file_uploads/debcarb-abstract-elektronikus-2022-kesz_04-cor_0.pdf

Antibacterial activity of positively and negatively charged hematite (α-fe2 o3) nanoparticles to escherichia coli, staphylococcus aureus and vibrio fischeri
Vihodceva, Svetlana; Šutka, Andris; Sihtmäe, Mariliis; **Rosenberg, Merilin**; Otsus, Maarja; Kurvet, Imbi; Smits, Krisjanis; Bikse, Liga; Kahru, Anne; Kasemets, Kaja Nanomaterials 2021 / p. 1-26 https://doi.org/10.3390/nano11030652 Journal metrics at Scopus Article at

Scopus Journal metrics at WOS Article at WOS

Antibacterial and antiviral effects of Ag, Cu and Zn metals, respective nanoparticles and filter materials thereof against coronavirus SARS-CoV-2 and influenza A virus
Kubo, Anna-Liisa; Rausalu, Kai; Savest, Natalja; Žusinaite, Eva; **Vasiliev, Grigory**; **Viirsalu, Mihkel**; **Plamus, Tiia**; **Krumme, Andres**; Merits, Andres; Bondarenko, Olesja Pharmaceutics 2022 / art. 2549 : 19 p. : ill https://doi.org/10.3390/pharmaceutics14122549 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Antibacterial Properties of Submerged Cultivated Fomitopsis pinicola, Targeting Gram-Negative Pathogens, Including Borrelia burgdorferi
Bragina, Olga; **Kuhtinskaja, Maria**; Elisashvili, Vladimir; Asatiani, Mikheil; **Kulp, Maria** Sci 2025 / art. 104 https://doi.org/10.3390/sci7030104

Antibiotic-imprinted polymer films prepared by electrochemical approach : towards the development of a label-free chemical sensor
Ayankojo, Akinrinade George; **Sõritski, Vitali**; **Tretjakov, Aleksei**; **Reut, Jekaterina**; **Öpik, Andres** Baltic Polymer Symposium 2014 : programme and abstracts : Laulasmaa, Estonia, September 24-26, 2014 2014 / p. 38 https://www.researchgate.net/publication/290190469_Antibiotic-imprinted_polymer_films_prepared_by_electrochemical_approach_towards_the_development_of_a_label-free_chemical_sensor 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

Anticancer Effect of the Iridoid Glycoside Fraction from Dipsacus fullonum L. Leaves
Kuhtinskaja, Maria; **Bragina, Olga**; **Kulp, Maria**; **Vaher, Merike** Natural product communications 2020 / p. 1-6 https://doi.org/10.1177/1934578X20951417 Journal metrics at Scopus Article at Scopus Journal metrics at Scopus Article at WOS

Anticipation, abduction and the economy of research : the normative stance
Chiffi, Daniele; **Pietarinen, Ahti-Veikko**; **Proover, Marika** Futures 2020 / art. 102471, 9 p https://doi.org/10.1016/j.futures.2019.102471 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Antidictionary-based cardiac arrhythmia classification for smart ECG sensors
Duforest, Julien; Larras, Benoit; Frappe, Antoine; Deepu, John Deepu; **Märtens, Olev** 2022 IEEE International Symposium on Circuits and Systems (ISCAS) : proceedings 2022 / p. 414-418 : ill https://doi.org/10.1109/ISCAS48785.2022.9937853 Conference Proceedings at Scopus Article at Scopus Article at WOS

Antifungal activity of medicinal mushrooms and optimization of submerged culture conditions for Schizophyllum commune (Agaricomycetes)
Berikashvili, Violeta; Khardziani, Tamar; Kobakhidze, Aza; **Kulp, Maria**; **Kuhtinskaja, Maria**; **Lukk, Tiit**; Gargano, Maria; Venturella, Giuseppe; Kachlishvili, Eka; Metreveli, Eva; Elisashvili, Vladimir; Asatiani, Mikheil International journal of medicinal mushrooms 2023 / p. 1-21 https://doi.org/10.1615/IntJMedMushrooms.2023049836 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Antifungal agents in agriculture : friends and foes of public health
Brauer, Veronica Soares; Rezende, Caroline Patini; Pessoni, Andre Moreira; De Paula, Renato Graciano; Rangappa, Kanchugarakoppal S.; Nayaka, Siddaiah Chandra; **Gupta, Vijai Kumar**; Almeida, Fausto Biomolecules 2019 / art. 521 https://doi.org/10.3390/biom9100521 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Antimicrobial activity of commercial photocatalytic SaniTise™ Window glass
Kisand, Vambola; Visnapuu, Meeri; **Rosenberg, Merilin**; Danilian, Dmytro; Vlassov, Sergei; Kook, Mati; Lange, Sven; Pärna, Rainer; Ivask, Angela Catalysts 2022 / art. 197 https://doi.org/10.3390/catal12020197 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Antimicrobial particles based on Cu2ZnSnS4 monograins
Žalneravicius, Rokas; Pakštas, Vidas; Grinciene, Giedre; Klimas, Vaclovas; Paškevicius, Algimantas; **Timmo, Kristi**; **Kauk-Kuusik, Marit**; Franckevicius, Marius; Niaura, Gediminas; Talaikis, Martynas; Jagminas, Arunas; Ramanavicius, Arunas Colloids and Surfaces B: Biointerfaces 2023 / art. 113275 https://doi.org/10.1016/j.colsurfb.2023.113275 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Anti-money laundering powered by graph machine learning: 'Show me your friends and I will tell you who you are'
Astrova, Irina Intelligent decision technologies 2023 / p. 243-261 https://doi.org/10.3233/IDT-220193 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Antimony- and Bismuth-Based Ionic Liquids as Efficient Adsorbents for the Removal of Dyes

Zafar, Anham; **Rafique, Nouman**; Batool, Saadia; Saleem, Muhammad; Alhodaib, Aiyeshah; Waseem, Amir Catalysts 2025 / art. 492 https://doi.org/10.3390/catal15050492

Anti-osteoclastic effects of C-glucosidic ellagitannins mediated by actin perturbation
Georgess, Dan; **Spuul, Pirjo**; Le Clainche, Cristophe European journal of cell biology 2018 / p. 533–545 : ill https://doi.org/10.1016/j.ejcb.2018.09.003 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Antioxidative and anti-borrelia activity of phytochemicals in rubiaceae species
Laanet, Pille-Riin; **Saar-Reismaa, Piret**; **Bragina, Olga**; **Jõul, Piia**; **Vaher, Merike** FEBS3+ Conference of Estonian, Latvian and Lithuanian Biochemical Societies : abstract book : Tallinn, Estonia 15–17 June 2022 2022 / p. 104-105 https://biokeemiaselts.ee/wp-content/uploads/2022/06/ABSTRACT-BOOK_FEBS32022_Tallinn.pdf

Antioxidative and anti-borrelia effects of plantago species
Laanet, Pille-Riin; **Drošnova, Regina**; **Saar-Reismaa, Piret**; **Bragina, Olga**; **Vaher, Merike** Proceedings 2023 / art. 6 https://doi.org/10.3390/proceedings2023092006

Antioxidative CXXC peptide motif from mesencephalic astrocyte-derived neurotrophic factor antagonizes programmed cell death
Božok, Valentina; Yu, Li-Ying; **Palgi, Jaan**; **Arumäe, Urmas** Frontiers in cell and developmental biology 2018 / 15 p. : ill https://doi.org/10.3389/fcell.2018.00106 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Antiviral efficacy of cerium oxide nanoparticles
Nefedova, Alexandra; Rausalu, Kai; Zusinaite, Eva; Vanetsev, Alexander; **Rosenberg, Merilin**; Koppel, Kairi; Lilla, Stevin; Visnapuu, Meeri; Smits, Krisjanis; Kisand, Vambola Scientific reports 2022 / art. 18746, 16 p. : ill https://doi.org/10.1038/s41598-022-23465-6 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Any dynamical system is fully accessible through one single actuator and related problems
Kawano, Yu; **Kotta, Ülle**; Moog, Claude International journal of robust and nonlinear control 2016 / p. 1748-1754 https://doi.org/10.1002/rnc.3379 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Aortic augmentation index is dependent on bodyside in healthy young subjects
Einstein, Sandra; **Pilt, Kristjan**; **Palmar, Merlin**; **Meigas, Kalju**; **Viigimaa, Margus** High Blood Pressure & Cardiovascular Prevention 2019 / p. 375–382 : ill https://doi.org/10.1007/s40292-019-00335-3 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

AP-1 transcription factors mediate BDNF-positive feedback loop in cortical neurons
Tuvikene, Jürgen; **Pruunsild, Priit**; **Orav, Ester**; **Esvald, Eli-Eelika**; **Timmusk, Tõnis** Journal of neuroscience 2016 / p. 1290-1305 : ill https://doi.org/10.1523/JNEUROSCI.3360-15.2016 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Apatites based catalysts : a tentative classification
Gruselle, Michel; **Tõnsuaadu, Kaia**; Gredin, Patrick; Len, Christophe Molecular catalysis 2022 / art. 112146 https://doi.org/10.1016/j.mcat.2022.112146 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Apolipoprotein A-I infusions and cardiovascular outcomes in acute myocardial infarction according to baseline LDL-cholesterol levels: the AEGIS-II trial
Gibson, Charles Michael; Duffy, Danielle; Bahit, Maria Cecilia; Chi, Gerald; White, Harvey; Korjian, Serge; Alexander, John Hunter P.; Lincoff, A. Michael; Heise, Mark; Kingwell, Bronwyn A.; **Viigimaa, Margus** European Heart Journal 2024 / p. 5023 - 5038 https://doi.org/10.1093/eurheartj/ehae614 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Apolipoprotein B, residual cardiovascular risk after acute coronary syndrome, and effects of alirocumab
Hagström, Emil; Steg, P. Gabriel; Szarek, Michael; Bhatt, Deepak L.; Bittner, Vera A.; Danchin, Nicolas; Diaz, Rafael; Goodman, Shaun G.; Harrington, Robert A.; Jukema, J. Wouter; Liberopoulos, Evangelos; Marx, Nikolaus; **Viigimaa, Margus** Circulation 2022 / p. 657 - 672 https://doi.org/10.1161/CIRCULATIONAHA.121.057807 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Apolipoprotein C-II : the re-emergence of a forgotten factor
Wolska, Anna; **Reimund, Mart**; Remaley, Alan T. Current opinion in lipidology 2020 / p. 147-153 https://doi.org/10.1097/MOL.0000000000000680 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Apolipoprotein C-II mimetic peptide is an efficient activator of lipoprotein lipase in human plasma as studied by a calorimetric approach
Reimund, Mart; Wolska, Anna; **Risti, Robert**; Wilson, Sierra; Sviridov, Denis O.; Remaley, Alan T.; **Lõokene, Aivar** Biochemical and biophysical research communications 2019 / p. 67-72 https://doi.org/10.1016/j.bbrc.2019.08.130 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Apolipoprotein mimetic peptides : potential new therapies for cardiovascular diseases
Wolska, Anna; **Reimund, Mart**; Sviridov, Denis O.; Amar, Marcelo J.; Remaley, Alan T. Cells 2021 / art. 597
https://doi.org/10.3390/cells10030597

Apolipoproteins C-I and C-III inhibit lipoprotein lipase activity by displacement of the enzyme from lipid droplets
Larsson, Mikael; Vorrsjö, Evelina; Talmund, Philippa; **Lõokene, Aivar**; Olivecrona, Gunilla Journal of biological chemistry 2013 / p. 33997-34008 : ill https://doi.org/10.1074/jbc.M113.495366 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Appearance-based discrimination against young women in the workplace
Lämsä, Anna-Maija; **Ojasoo, Merle**; Jyrkinen, Marjut; Pucetaite, Raminta Qualitative research in organizations and management 2023 / p. 125-141 https://doi.org/10.1108/QROM-02-2022-2292 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Applicability of a bioelectronic cardiac monitoring system for the detection of biological effects of pollution in bioindicator species in the Gulf of Finland
Kholodkevich, Sergei; Kuznetsova, Tatiana; Sharov, Andrey; Kurakin, Anton; **Lips, Urmas**; **Kolesova, Natalja**; Lehtonen, Kari K. Journal of marine systems 2017 / p. 151-158 : ill https://doi.org/10.1016/j.jmarsys.2016.12.005 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Applicability of Copernicus marine service products for the eutrophication status assessment of the Baltic Sea
Samlas, Oliver; **Luik, Stella-Theresa**; Korabel, Vasily; She, Jun; **Lips, Urmas** Marine Pollution Bulletin 2025 / art. 117975
https://doi.org/10.1016/j.marpolbul.2025.117975

Applicability of limiting phase angle temperatures for measuring the low temperature performance and aging of asphalt binders = Piiravate faasinurga temperatuuride rakendatavus bituumenite madala temperatuuri ja vananemisalase toimivuse mõõtmiseks
Lill, Kristjan 2024 https://www.ester.ee/record=b5712446*est https://digikogu.taltech.ee/et/Item/7e247788-70ef-4a2b-b0d1-d72c16a9b993 https://doi.org/10.23658/taltech.70/2024

The applicability of limiting phase angle temperatures for specifying asphalt binder low temperature performance
Lill, Kristjan; **Kontson, Karli**; **Aavik, Andrus** Baltic journal of road and bridge engineering 2023 / p. 166-184
https://doi.org/10.7250/bjrbe.2023-18.623 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Applicability of SAR-based wave retrieval for wind-wave interaction analysis in the fetch-limited Baltic
Rikka, Sander; **Uiboupin, Rivo**; **Alari, Victor** International journal of remote sensing 2017 / p. 906-922 : ill
https://doi.org/10.1080/01431161.2016.1271472 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Applicability of spiral drawing test for mental fatigue modelling
Senkiv, Olesja; **Nõmm, Sven**; Toomela, Aaro IFAC-PapersOnLine 2019 / p. 190-195 : ill https://doi.org/10.1016/j.ifacol.2019.01.064 Conference proceedings at Scopus Article at Scopus Article at WOS

The applicability of sulfoxide Michael acceptor - 2-(S)-[(4-methylphenyl)sulfinyl]-2-cyclopenten-1-one in constructing the carbon skeleton of 9,11-secosterols
Rõuk, Kristi; **Kõllo, Marek**; **Järving, Ivar**; **Lopp, Margus** Proceedings of the Estonian Academy of Sciences 2024 / p. 223-227 : ill
https://doi.org/10.3176/proc.2024.3.06 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Application and control of bidirectional T-type converter in hybrid bipolar AC/DC microgrid
Sassonker Elkayam, Moria; **Vinnikov, Dmitri** 2025 IEEE Seventh International Conference on DC Microgrids (ICDCM) 2025 / 5 p
https://doi.org/10.1109/ICDCM63994.2025.11144720

Application issues of additive manufacturing in plaster mold casting of metals
Pohlak, Meelis; **Sergejev, Fjodor**; **Tähemaa, Toivo**; **Saarna, Mart**; **Viljus, Mart**; **Hermaste, Aigar** Proceedings of the Estonian Academy of Sciences 2025 / p. 181-185 https://doi.org/10.3176/proc.2025.2.18

Application of a DSC based vapor pressure method for examining the extent of ideality in associating binary mixtures with narrow boiling range oil cuts as a mixture component
Siitsman, Carmen; **Oja, Vahur** Thermochimica acta 2016 / p. 24-30 : ill https://doi.org/10.1016/j.tca.2016.05.011 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Application of a hydrodynamic model to long-term monitoring data : exploring transport pathways to identify the source of high toxicity populations of Dinophysis fortii in aquaculture sites in northern Japan
Miyazono, Akira; Kuribayashi, Takanori; Hada, Yasufumi; Asakura, Ken; Kobayashi, Kazuma; Mizuno, Katsuhiko; Lum, Wai Mun; **Sildever, Sirje**; Kuroda, Hiroshi; Nagai, Satoshi Harmful Algae 2025 / art. 102976 https://doi.org/10.1016/j.hal.2025.102976

Application of ABC in small and medium-sized public hospitals : a case study of a maternal and child health hospital

Zheng, Xiaosong; Chen, Jixuan; Wang, Linhui; Li, Pengyu Transformations in business & economics 2018 / p. 507–523 http://www.transformations.knf.vu.lt/45c/article/appl Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Application of activated carbon derived from seed shells of Jatropha curcas for decontamination of zearalenone mycotoxin
Kalagatur, Naveen K.; Karthick, Kumarvel; Allen, Joseph A.; Chandranayaka, Siddaiah; **Gupta, Vijai Kumar**; Ghosh, Oriparambil Sivaraman Nirmal; Krishna, Kadirvelu; Mudili, Venkataramana Frontiers in pharmacology 2017 / art. 760, 13 p. : ill https://doi.org/10.3389/fphar.2017.00760 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Application of active thermography for the study of losses in components produced by laser powder Bed fusion
Quercio, Michele; Poskovic, Emir; Franchini, Fausto; Fracchia, Elisa; Ferraris, Luca; Canova, Aldo; Tenconi, Alberto; **Tiismus, Hans**; **Kallaste, Ants** Journal of magnetism and magnetic materials 2024 / art. 171796 https://doi.org/10.1016/j.jmmm.2024.171796 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Application of agricultural waste as heterogeneous catalysts for biodiesel production
Khan, Haris Mahmood; Iqbal, Tanveer; Yasin, Saima; Ali, Chaudhry Haider; Abbas, Muhammad Mujtaba; Jamil, Muhhammad Asif; **Hussain, Abrar**; Soudagar, Manzoore Elahi M.; Rahman, Muhammad Muhitur Catalysts 2021 / art. 1215, 17 p. : ill https://doi.org/10.3390/catal11101215 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Application of an advanced repetitive controller to mitigate harmonics in MMC with APOD scheme
Madichetty, Sreedhar; Dasgupta, Abhijit; **Mishra, Sambeet**; Panigrahi, Chinmoy Kumar; Basha, Ghouse IEEE transactions on power electronics 2016 / p. 6112-6121 : ill https://doi.org/10.1109/TPEL.2015.2501314 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Application of artificial intelligence and machine learning for BIM : review
Bassir, David; Lodge, Hugo; Chang, Haochen; **Majak, Jüri**; Chen, Gonfa International journal for simulation and multidisciplinary design optimization 2023 / art. 5 https://doi.org/10.1051/smdo/2023005 Journal metrics at Scopus Article at Scopus

Application of artificial neural networks to model the interaction between T-cells and B-cells and their equivalent impedance of the linearized model
Giannoukos, Georgios; **Min, Mart** Journal of computational methods in sciences and engineering 2015 / p. 295-302 https://doi.org/10.3233/JCM-150544 Journal metrics at Scopus Article at Scopus

Application of boundary conduction mode control in galvanically isolated buck-boost converter
Mashinchi Maheri, Hamed; **Vinnikov, Dmitri**; **Chub, Andrii** 3rd International Conference on Smart Grid and Renewable Energy (SGRE) 2022 / p. 1-6 https://doi.org/10.1109/SGRE53517.2022.9774105

Application of chiral bifunctional halogen bond catalysts in glycosylation reactions
Miller, Annette; **Hunt, Kaarel Erik**; **Kriis, Kadri**; **Kanger, Tõnis** Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 129 Kogumik

Application of cobalt-containing metal-organic framework as crystalline sponge
Martõnova, Jevgenija; Adamson, Jasper; Kaabel, Sandra; Šubin, Kirill; **Aav, Riina** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 2 https://fmtdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Application of component organized learning method for DIGSCM 4.0 hybrid courses
Ševtšenko, Eduard; Maas, Rene; **Karaulova, Tatjana**; Truver, Anna; Nikolajeva, Anna; Revals, Ritvars; Popell, Janek; Dembovska, Iveta; Samuolaitis, Mindaugas; Raupeliene, Asta Learning in the Age of Digital and Green Transition : proceedings of the 25th International Conference on Interactive Collaborative Learning (ICL2022), Volume 1 2023 / p. 157-170 https://doi.org/10.1007/978-3-031-26876-2_15 https://link.springer.com/chapter/10.1007/978-3-031-26876-2_15 Conference proceedings at Scopus Article at Scopus Article at WOS

Application of continuous culture methods to recombinant protein production in microorganisms
Peebo, Karl; Neubauer, Peter Microorganisms 2018 / 12 p https://doi.org/10.3390/microorganisms6030056 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Application of cycle skipping modulation in buck-boost photovoltaic microconverters
Maheri, Hamed Mashinchi; **Vinnikov, Dmitri**; **Chub, Andrii**; **Sidorov, Vadim**; Galkin, Ilja IEEE transactions on industry applications 2022 / p. 4804-4815 https://doi.org/10.1109/TIA.2022.3163083 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Application of databases for compatibility of electrical installation design [Electronic resource]
Lehtla, Madis; **Müür, Margus**; **Kõivastik, Ivar**; **Müül, Kristjan** CPE 2011 : 7th International Conference-Workshop Compatibility and Power Electronics : June 1-3, 2011, Tallinn, Estonia : conference guide 2011 / p. 299-302 [CD-ROM] https://ieeexplore.ieee.org/document/5942249 https://doi.org/10.1109/CPE.2011.5942249

Application of deep conditional generative adversarial networks to fill the gaps of satellite altimetry-based absolute dynamic topography
Jahanmard, Vahidreza; **Delpeche-Ellmann, Nicole Camille**; **Ellmann, Artu** XXVIII General Assembly of the International Union of Geodesy and Geophysics (IUGG) 2023 / 1 p https://doi.org/10.57757/IUGG23-1627

Application of different techniques for activation of H2O2/Fe3+ system : a comparative study
Bolobajev, Juri; **Trapido, Marina**; **Dulova, Niina** Journal of advanced oxidation technologies 2015 / p. 347-352 : ill https://doi.org/10.1515/jaots-2015-0222 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Application of differential scanning calorimetry to study solvent swelling of kukersite oil shale macromolecular organic matter : a comparison with the fine-grained sample volumetric swelling method
Hruljova, Jelena; **Järvik, Oliver**; **Oja, Vahur** Energy & fuels 2014 / p. 840-847 : ill https://doi.org/10.1021/ef401895u Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Application of diffuse reflectance spectroscopy for quick laboratory assessment of Estonian oil shale quality
Tufail, Iram; Paris, Peeter; Jõgi, Indrek; **Riisalu, Hella** Proceedings of the Estonian Academy of Sciences 2020 / p. 134-142 : ill https://doi.org/10.3176/proc.2020.2.04 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Application of DSC to study the promoting effect of a small amount of high donor number solvent on the solvent swelling of kerogen with non-covalent cross-links in non-polar solvents
Hruljova, Jelena; **Oja, Vahur** Fuel 2015 / p. 230-235 : ill https://doi.org/10.1016/j.fuel.2015.01.054 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Application of equivalent single layer approach for ultimate strength analyses of ship hull girder
Putranto, Teguh; **Kõrgesaar, Mihkel**; **Tabri, Kristjan** Journal of marine science and engineering 2022 / art. 1530 https://doi.org/10.3390/jmse10101530 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Application of extensible processing platforms for experiments with FPGA-based circuits
Sklyarov, Valery; Skliarova, Iouliia; Silva, João; **Rjabov, Artjom**; **Sudnitsõn, Aleksander** MELECON 2014 : 2014 17th IEEE Mediterranean Electrotechnical Conference : 13-16 April 2014, Beirut, Lebanon 2014 / p. 467-471 : ill https://doi.org/10.1109/MELCON.2014.6820579 Conference proceedings at Scopus Article at Scopus Article at WOS

Application of fly ash of lignite combustion in air and water purification
Nikitin, Dmitri; **Bolobajev, Juri**; **Kritševskaja, Marina**; Pilar, Lukas; Vitvarova, Monika; **Preis, Sergei**; **Dulova, Niina** Proceedings 2023 / art. 32 https://doi.org/10.3390/proceedings2023092032

Application of genetic algorithms to neural networks based control of a liquid level tank system
Vassiljeva, Kristina; **Belikov, Juri**; **Petlenkov, Eduard** 2014 International Joint Conference on Neural Networks (IJCNN) : July 6-11, 2014, Beijing, China 2014 / p. 2525-2530 : ill https://doi.org/10.1109/IJCNN.2014.6889912 Conference proceedings at Scopus Article at Scopus Article at WOS

Application of Haar wavelet based methods for solving wave propagation problems
Ratas, Mart; Jena, S.K.; Chakraverty, S. AIP conference proceedings 2020 https://doi.org/10.1063/5.0026696 Conference proceeding at Scopus Article at Scopus

Application of Haar wavelet method for solving nonlinear evolution equations
Ratas, Mart International Conference of Numerical Analysis and Applied Mathematics, ICNAAM 2018 : 13-18 September 2018, Rhodes, Greece 2019 / art. 330004, p. 1–4 https://doi.org/10.1063/1.5114342 Conference proceeding at Scopus Article at Scopus Article at WOS

Application of higher order Haar wavelet method for solving nonlinear evolution equations
Ratas, Mart; **Salupere, Andrus** Mathematical modelling and analysis 2020 / p. 271-288 https://doi.org/10.3846/mma.2020.11112 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Application of HOHWM based function approximation algorithms in engineering design
Mäe, Tiina; **Plamus, Tiia**; **Majak, Jüri**; **Karunanidhi, Ramachandran**; **Rahman, Md Toufiqur** International conference of numerical analysis and applied mathematics ICNAAM 2021 : Rhodes, Greece, 20–26 September 2021 2023 / art. 250003 https://doi.org/10.1063/5.0162255 Conference Proceedings at Scopus Article at Scopus

Application of HOHWM for vibration analysis of nanobeams
Kirs, Maarjus; **Eerme, Martin**; Bassir, David; **Tungel, Ernst** Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia 2019 / p. 230-235 https://www.scientific.net/KEM.799.230 https://www.ester.ee/record=b5235278*est https://doi.org/10.4028/www.scientific.net/KEM.799.230 Conference proceeding at Scopus Article at Scopus

Application of HoHWM in the stability analysis of nonlocal Euler-Bernoulli beam
Jena, Subrat Kumar; Chakraverty, Snehashish; **Ratas, Mart**; **Kirs, Maarjus** International Conference of Numerical Analysis and Applied Mathematics ICNAAM 2019 : 23–28 September 2019 Rhodes, Greece 2020 / art. 230003 https://doi.org/10.1063/5.0026439 Conference Proceedings at Scopus Article at Scopus Article at WOS

Application of machine learning for assessment of HS code correctness
Spitšakova, Margarita; **Haav, Hele-Mai** Baltic journal of modern computing 2020 / p. 698-718 https://doi.org/10.22364/bjmc.2020.8.4.13 Journal Metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Application of Mindlin Theory to Describe the Scattering of Guided Waves From Notches in a Plate
Rasheed, Usman; **Lints, Martin**; **Ratassepp, Madis** ASME 2022 49th Annual Review of Progress in Quantitative Nondestructive Evaluation (QNDE2022) 2022 https://event.asme.org/Events/media/library/resources/qnde/QNDE-2022-Final-Program.pdf https://qnde.secure-platform.com/a/solicitations/178/sessiongallery/11537/application/98050

Application of neural-network based variable fractional order PID controllers for load frequency control in isolated microgrids
Belikov, Juri; Nosrati, Komeil; **Škiparev, Vjatšeslav**; **Tepljakov, Aleksei**; **Petlenkov, Eduard**; Levron, Yoash Power system frequency control : modeling and advances. 1st Ed 2023 / p. 203–216 : ill https://www.elsevier.com/books/power-system-frequency-control/mishra/978-0-443-18426-0

Application of novel micro-grooved elements to small engine silencer
Auriemma, Fabio; **Rämmal, Hans**; **Lavrentjev, Jüri** SAE Technical Papers 2013 / [10] p.: ill https://www.sae.org/publications/technical-papers/content/2013-32-9001/ https://doi.org/10.4271/2013-32-9001 Journal metrics at Scopus Article at Scopus

Application of orthogonality-relation for the separation of Lamb modes at a plate edge : numerical and experimental predictions
Ratassepp, Madis; **Klauson, Aleksander**; Chati, Farid Ultrasonics 2015 / p. 90-95 : ill https://doi.org/10.1016/j.ultras.2014.10.022 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Application of Petri nets for modelling production system
Kekshin, Vjatsheslav; Lobov, Andrei IFAC-PapersOnLine 2025 / p. 1784-1789 https://doi.org/10.1016/j.ifacol.2025.09.300 https://www.sciencedirect.com/science/article/pii/S2405896325010614

Application of power line communication technology in street lighting control
Farkas, Tekla D.; Kiraly, Tamás; **Pardy, Tamas**; **Rang, Toomas**; **Rang, Galina** International journal of design and nature and ecodynamics 2018 / p. 176–186 : ill https://doi.org/10.2495/DNE-V13-N2-176-186 Journal metrics at Scopus Article at Scopus Article at WOS

Application of shore sediments accumulated in navigation channel for restoration of sandy beaches around Pärnu City, SW Estonia, Baltic Sea
Tõnisson, Hannes; **Männikus, Rain**; Kont, Are; Palginõmm, Valdeko; **Alari, Victor**; Suuroja, Sten; Vaasma, Tiit; Vilumaa, Kadri Journal of marine science and engineering 2024 / art. 394 https://doi.org/10.3390/jmse12030394 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Application of smart logistics technologies in the organization of multimodal cargo delivery
Orozonova, Azyk; Gapurbaeva, Shakhnos; Kydykov, Azizbek; Prokopenko, Olha; **Prause, Gunnar Klaus**; Lytvynenko, Sergiy Transportation Research Procedia 2022 / p. 1192-1198 : ill https://doi.org/10.1016/j.trpro.2022.06.124 Journal metrics at Scopus Article at Scopus

Application of Taguchi method for in-situ synthesis of TiC from TiO2–graphite powders in PTAW hardfacings and characterization thereof
Yöyler, Sibel; **Surzhenkov, Andrei**; **Viljus, Mart**; **Traksmaa, Rainer**; **Juhani, Kristjan** Modern materials and manufacturing 2023 : Tallinn, Estonia, 2-4 May 2023 2024 / art. 040007 https://doi.org/10.1063/5.0189317 Conference proceedings at Scopus Article at Scopus

Application of the Adaptive Higher Order Haar Wavelet based methods for solving the sine-Gordon equation
Ratas, Mart AIP conference proceedings 2022 / art. 380006 https://doi.org/10.1063/5.0081491 Conference Proceedings at Scopus Article at Scopus

Application of the capillary electrophoresis technique in real life
Biel, Iwona; Wozniakiewicz, Michal; **Mazina-Šinkar, Jekaterina** FLOW ANALYSIS XV Krakow, Poland 2022, June 26-July 1 : Book of Abstracts 2022 / p. 127 https://flowanalysis2022.confer.uj.edu.pl/documents/148482257/0/ksi%C4%85%C5%BCka+2022-05-28+str+numeracja+od+stopki+spad3mm+26_06+g+16.pdf/151f7dba-0b67-4e9b-af55-3f042f9b55ed

Application of the concept of design space in method development for the determination of contaminants in soil
Jurjeva, Jelena; **Koel, Mihkel** Proceedings of the Estonian Academy of Sciences 2025 / p. 71-81 https://doi.org/10.3176/proc.2025.1.07

Application of the HIDRA2 deep-learning model for sea level forecasting along the Estonian coast of the Baltic Sea
Barzandeh, Amirhossein; Licer, Matjaz; Rus, Marko; Kristan, Matej; **Maljutenko, Ilja**; **Elken, Juri**; **Lagemaa, Priidik**; **Uiboupin, Rivo** Ocean Science 2025 / p. 1315-1327 https://doi.org/10.5194/os-21-1315-2025

Application of the improved method of grids with the estimation of accuracy
Gornostajev, Dmitri; **Arjassov, Gennadi**; **Baraškova, Tatjana**; **Žigailov, Sergei** Procedia engineering 2014 / p. 1443-1448 : ill https://doi.org/10.1016/j.proeng.2014.03.140 Conference proceedings at Scopus Article at Scopus Article at WOS

Application of the integration model in the system of inclusive education
Järvis, Marina; Ivanenko, Liudmyla; Antonenko, Iryna; **Virovere, Anu** Journal of Curriculum and Teaching 2022 / p. 35-44 https://doi.org/10.5430/jct.v11n1p35 Journal metrics at Scopus Article at Scopus

Application of the LSTM models for Baltic Sea wave spectra estimation
Simon, Martin; **Rikka, Sander**; **Nõmm, Sven**; **Alari, Victor** IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing 2023 / p. 83-88 : ill https://doi.org/10.1109/JSTARS.2022.3220882 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Application of the matrix element method to Higgs boson pair production in the channel HH bb̄WW* at the LHC
Ehatäht, Karl; Veelken, Christian Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment 2022 / art. 166373, 14 p. : ill https://doi.org/10.1016/j.nima.2022.166373

Application of the pathogen Trojan horse approach in maize (Zea mays)
Linde, Karina van der; Egger, Rachel L.; **Timofejeva, Ljudmilla**; Walbot, Virginia Plant signaling & behavior 2018 / art. e1547575, 4 p. : ill https://doi.org/10.1080/15592324.2018.1547575 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Application of the UHPLC-DIA-HRMS method for determination of cheese peptides
Arju, Georg; Taivosalo, Anastassia; **Pismennõi, Dmitri**; **Lints, Taivo**; **Vilu, Raivo**; Daneberga, Zanda; Vorslova, Svetlana; Renkonen, Risto; Joenvaara, Sakari Foods 2020 / art. 979, 11 p. : ill https://doi.org/10.3390/foods9080979 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Application of the wavelet transform for feature extraction in the analysis of hyperspectral laser-induced fluorescence data
Sobolev, Innokenti; Babichenko, Sergey International journal of remote sensing 2013 / p. 7218-7235 : ill https://doi.org/10.1080/01431161.2013.817714 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Application of transfer learning for instrument transformer condition monitoring
Asefi, Sajjad; **Kilter, Jako**; Akroud, Nabil; Hurtado, Aritz; Gilbert, Ian; Orue, Inaki 2024 International Conference on Diagnostics in Electrical Engineering (Diagnostika) 2024 / 4 p https://doi.org/10.1109/Diagnostika61830.2024.10693903

Application of ultrasonic sprayed zirconium oxide dielectric in zinc tin oxide-based thin film transistor
Oluwabi, Abayomi Titilope; **Katerski, Atanas**; Carlos, Emanuel; Branquinho, Rita; **Mere, Arvo**; **Krunks, Malle**; Fortunato, Elvira; Pereira, Luis; **Oja Acik, Ilona** Journal of materials chemistry C 2020 / p. 3730-3739 : ill https://doi.org/10.1039/C9TC05127A Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Application potential of combining strain hardening cementitious composites and helical reinforcement for 3D concrete printed structures : case study of a spiral staircase
Hass, Lauri; Nefs, K.; Bos, F. P.; Salet, T. A. M. Journal of building engineering 2023 / art. 107926 https://doi.org/10.1016/j.jobe.2023.107926 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Applications of airborne laser scanning for determining marine geoid and surface waves properties
Varbla, Sander; **Ellmann, Artu**; **Delpeche-Ellmann, Nicole Camille** European journal of remote sensing 2021 / p. 558−568 https://doi.org/10.1080/22797254.2021.1981156 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Applications of digital twin across industries : a review
Singh, Maulshree; Srivastava, Rupal; Fuenmayor, Evert; **Kuts, Vladimir**; Qiao, Yuansong; Murray, Niall; Devine, Declan Applied sciences 2022 / art. 5727 https://doi.org/10.3390/app12115727

Applications of digital twins for demand side recommendation scheme with consumer comfort constraints
Onile, Abiodun Emmanuel; **Belikov, Juri**; **Petlenkov, Eduard**; Levron, Yoash IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT Europe 2023) : proceedings 2023 / 5 p https://doi.org/10.1109/ISGTEUROPE56780.2023.10407399

Applications of fungal cellulases in biofuel production : advances and limitations
Srivastava, Neha; Srivastava, Manish; Mishra, Pradeep Kumar; **Gupta, Vijai Kumar**; Molina, Gustavo; Rodriguez-Couto, Susana; Manikanta, Ambepu; Ramteke, Pramod Wasudeo Renewable and Sustainable Energy Reviews 2018 / p. 2379 - 2386

https://doi.org/10.1016/j.rser.2017.08.074 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Applications of game theory to design and operation of modern power systems: a comprehensive review
Navon, Aviad; Yosef, Gefen Ben; Machlev, Ram; Shapira, Shmuel; Chowdhury, Nilanjan Roy; **Belikov, Juri**; Orda, Ariel; Levron, Yoash Energies 2020 / art. 3982, 34 p https://doi.org/10.3390/en13153982 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Applications of the models
Danaila, Ionut; **Kaplanski, Felix**; Sazhin, Sergei Vortex Ring Models 2021 / p. 141-154 https://doi.org/10.1007/978-3-030-68150-0_7 Article collection metrics at Scopus Article at Scopus

Applying forecasting methods to accrual-based and cash-based ratio analysis
Litvinenko, Alexey; **Litvinenko, Anna**; Saarinen, Samuli Journal of accounting and management information systems 2025 / p. 328-360 https://doi.org/10.24818/jamis.2025.02006 https://online-cig.ase.ro/jcig/papers.aspx?idc=62164

Applying machine learning with satellite altimetry data for prediction of absolute dynamic topography for the Baltic Sea
Mostafavi, Majid; **Delpeche-Ellmann, Nicole Camille**; **Ellmann, Artu** Nordic Geodetic Commission General Assembly 2022 in Copenhagen : Poster Session 2022 / 26 l. https://medialib.cmcdn.dk/medialibrary/010C1367-E991-4A33-AB10-1953247E9C23/530AEABD-3A25-ED11-84B6-00155D0B0940.pdf

Applying reflexive-adaptive law for safeguarding the European Union's Security of gas supply during the transition era = Refleksiivse-kohanduva õiguse rakendamine Euroopa Liidu gaasitarnekindluse tagamiseks üleminekuperioodil
Keypour, Javad 2024 https://doi.org/10.23658/taltech.41/2024 https://www.ester.ee/record=b5693102*est https://digikogu.taltech.ee/et/Item/833878b1-64e1-49ac-8938-73261eab01f1

Applying RIS-based communication for collaborative computing in a swarm of drones
Rahbari, Dadmehr; **Alam, Muhammad Mahtab**; **Le Moullec, Yannick**; **Jenihhin, Maksim** IEEE Access 2023 / p. 70093−70109 https://doi.org/10.1109/ACCESS.2023.3293737 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Applying the correction for undecomposed carbonates to gross calorific values of oil shales from different deposits
Pihl, Olga; **Tšepelevitš, Maria**; **Burko, Maria**; **Siirde, Andres** Oil shale 2019 / p. 250–256 : ill http://www.kirj.ee/public/oilshale_pdf/2019/issue_2S/OS-2019-2S-250-256.pdf https://doi.org/10.3176/oil.2019.2S.13 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Applying the morphogenetic perspective for the analysis of Estonian social transformations
Masso, Anu; Lauristin, Marju; Opermann, Signe; Kalmus, Veronika Researching Estonian transformation : morphogenetic reflections 2020 / p. 1-31 https://www.ester.ee/record=b5342716*est https://www.tyk.ee/sotsioloogia/00000012967

Applying user domain model to improve Web recommendations
Robal, Tarmo; **Kalja, Ahto** Databases and information systems VII : selected papers from the tenth International Baltic Conference, DB&IS 2012 2013 / p. 118-131 https://doi.org/10.3233/978-1-61499-161-8-118 Conference Proceedings at Scopus Article at Scopus Article at WOS

APPRAISER : DNN fault resilience analysis employing approximation errors
Taheri, Mahdi; **Ahmadilivani, Mohammad Hasan**; **Jenihhin, Maksim**; **Daneshtalab, Masoud**; **Raik, Jaan** 2023 26th International Symposium on Design and Diagnostics of Electronic Circuits and Systems (DDECS) 2023 / p. 124−127 : ill https://ddecs2023.taltech.ee/ https://doi.org//10.1109/DDECS57882.2023.10139468

Approach to account for external dynamics in fluid-structure interaction analysis in Abaqus
Sahk, Tarmo; **Kõrgesaar, Mihkel**; Yu, Zhaolong Innovations in the Analysis and Design of Marine Structures 2025 / p. 289-294 https://doi.org/10.1201/9781003642411-35

An approach to analyze the performance of advanced manufacturing environment
Mahmood, Kashif; **Otto, Tauno**; **Golova, Jelena**; **Kangru, Tavo**; **Kuts, Vladimir** Procedia CIRP 2020 / p. 628−633 https://doi.org/10.1016/j.procir.2020.04.042 Conference Proceedings at Scopus Article at Scopus

An approach to develop a digital twin for industry 4.0 systems : manufacturing automation case studies
Guerra-Zubiaga, David; **Kuts, Vladimir**; **Mahmood, Kashif**; **Bondar, Alex**; Nasajpour-Esfahani, Navid; **Otto, Tauno** International Journal of Computer Integrated Manufacturing 2021 / p. 933-949 : ill https://doi.org/10.1080/0951192X.2021.1946857 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Approaches and challenges in the diagnosis and management of secondary progressive multiple sclerosis : a Central Eastern European perspective from healthcare professionals
Boyko, Aleksey; Therapontos, Christina; Horakova, Dana; Szilasiova, Jarmila; Kalniņa, Jolanta; **Gross-Paju, Katrin** Multiple sclerosis and related disorders 2021 / art. 102778, 12 p. : ill https://doi.org/10.1016/j.msard.2021.102778 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Approaches to extra-functional verification of security and reliability aspects in hardware designs = Riistvaraprojektide turva- ja töökindlusaspektide ekstrafunktsionaalse verifitseerimise lähenemisviisid
Lai, Xinhui 2022 https://doi.org/10.23658/taltech.29/2022 https://digikogu.taltech.ee/et/Item/cff1aeb9-b0b2-49ce-b81a-bfb9dc25fd56 https://www.ester.ee/record=b5502807*est

Approaches to strengthen the social cohesion between displaced and host communities
Jayakody, Chathuranganee; Malalgoda, Chamindi; **Witt, Emlyn David Qivitoq** Sustainability 2022 / art. 3413 https://doi.org/10.3390/su14063413 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The approximation of the Ukrainian social legislation to the EU acquis in times of war : the key challenges for reforms
Fedorova, Alla; **Hamulak, Ondrej** Eastern Journal of European Studies 2024 / p. 172–191 https://doi.org/10.47743/ejes-2024-SI08 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Aqueous bromide oxidized with pulsed corona discharge
Petrotšenko, Irina; **Preis, Sergei** Journal of electrostatics 2024 / art. 103978, 9 p. : ill https://doi.org/10.1016/j.elstat.2024.103978 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Aqueous mineral carbonation of oil shale mine waste (limestone) : a feasibility study to develop a CO2 capture sorbent
Puthiya Veetil, Sanoop Kumar; **Rebane, Kaarel**; **Yörük, Can Rüstü**; **Lopp, Margus**; **Trikkel, Andres**; **Hitch, Michael William** Energy 2021 / art. 119895 https://doi.org/10.1016/j.energy.2021.119895 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Aqueous mineral carbonation of ultramafic material : a pre-requisite to integrate into mineral extraction and tailings management operation
Veetil, Sanoop Kumar Puthiya; **Hitch, Michael William** Environmental science and pollution research 2021 / p. 29096–29109 : ill https://doi.org/10.1007/s11356-021-12481-0 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Aqueous photocatalytic degradation of selected micropollutants by Pd-modified titanium dioxide in three photoreactor types
Klauson, Deniss; **Šakarašvili, Marko**; **Pronina, Natalja**; **Kritševskaja, Marina**; **Kärber, Erki**; **Mikli, Valdek** Environmental technology 2017 / p. 860-871 : ill https://doi.org/10.1080/09593330.2016.1214185 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Aqueous photocatalytic oxidation of doxycycline
Klauson, Deniss; **Poljakova, Alissa**; **Pronina, Natalja**; **Kritševskaja, Marina**; Moiseev, Anna; **Dedova, Tatjana**; **Preis, Sergei** Journal of advanced oxidation technologies 2013 / p. 234-243 https://doi.org/10.1515/jaots-2013-0203 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Aqueous photocatalytic oxidation of prednisolone
Klauson, Deniss; **Pilnik-Sudareva, Jana**; **Pronina, Natalja**; **Budarnaja, Olga**; **Kritševskaja, Marina**; **Käkinen, Aleksandr**; **Juganson, Katre**; **Preis, Sergei** Central European journal of chemistry 2013 / p. 1620-1633 : ill https://doi.org/10.2478/s11532-013-0290-8 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

AR/VR Digital Twin for simulation and data collection of robotic environments
Martins, João G.; **Nutonen, Karle**; Costa, Paulo; **Kuts, Vladimir**; **Otto, Tauno**; Sousa, Armando; Petry, Marcelo R. 2025 IEEE International Conference on Autonomous Robot Systems and Competitions (ICARSC) 2025 / 6 p https://doi.org/10.1109/ICARSC65809.2025.10970158

Arabic aspect category detection for hotel reviews based on data augmentation and classifier chains
Ameur, Asma; Hamdi, Sana; **Ben Yahia, Sadok** SAC '23: Proceedings of the 38th ACM/SIGAPP Symposium on Applied Computing 2023 / p. 942-949 https://doi.org/10.1145/3555776.3577746

Arabidopsis myosins XI1, XI2, and XIK are crucial for gravity-induced bending of inflorescence stems
Talts, Kristiina; **Ilau, Birger**; **Ojangu, Eve-Ly**; **Tanner, Krista**; Peremyslov, Valera V.; Dolja, Valerian V.; **Truve, Erkki**; **Paves, Heiti** Frontiers in plant science 2016 / art. 1932, p. 1-12 : ill https://doi.org/10.3389/fpls.2016.01932 Journal metrics at Scopus Aricle at Scopus Journal metrics at WOS Article at WOS

Archaean phosphates: a case study of transformation processes in apatite from the Barberton greenstone belt
Birski, Łukasz; Słaby, Ewa; Wirth, Richard; Koch-Müller, M.; Simon, K.; Wudarska, Alicja; **Lepland, Aivo** Contributions to mineralogy and petrology 2019 / 25 p. : ill https://doi.org/10.1007/s00410-019-1560-z Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An archetype for a servitization-driven circular business model
Gülmez, Secil; Denktas-Sakar, Gül Marketing and Branding Paradigms in the Era of Sustainability 2025 / p. 71-96 http://doi.org/10.52305/ZFLC8132

Archetypes based meta-modeling towards evolutionary, dependable and interoperable healthcare information systems
Piho, Gunnar; **Tepandi, Jaak**; Thompson, Douglas; **Tammer, Triinu**; **Parman, Marko**; **Puusep, Viljam** Procedia computer science 2014 / p. 457-464 : ill https://doi.org/10.1016/j.procs.2014.08.069 Conference proceeding at Scopus Article at Scopus Article at WOS

Archimedes screw - an alternative for safe migration through turbines?
Pauwels, Ine S.; **Tuhtan, Jeffrey Andrew**; Coeck, Johan; Buysse, David; Baeyens, Raf Novel Developments for Sustainable Hydropower 2022 / p. 125-133 : ill https://doi.org/10.1007/978-3-030-99138-8_11

Architectural education : methods for integrating Climate Change Design (CCD) in the curriculum
O'Dwyer, Sarah; Geoghegan, Emma; Nisonen, Essi; Castano-De La Rosa, Raul; Pelsmakers, Sofie; **Lykouras, Ioannis**; Donovan, Elizabeth; Alvise Bragadin, Marco; Morganti, Caterina; Coraglia, Ugo Maria A Focus on Pedagogy : Teaching, Learning and Research in the Modern Academy 2023 / p. 167-189 : ill https://amps-research.com/wp-content/uploads/2022/12/Amps-Proceedings-Series-28.2.pdf

Architectural solutions for high-speed data processing demands of CERN LHC detectors with FPGA and high-level synthesis
Devadze, Sergei; Nielsen, Christine Elizabeth; **Mihhailov, Dmitri**; **Ellervee, Peeter** 2024 IEEE Nordic Circuits and Systems Conference (NorCAS) 2024 https://doi.org/10.1109/NorCAS64408.2024.10752490 Article at Scopus

An architecture for e-learning infrastructures on a national level : a case study of the Afghanistan Research and Education Network
Saay, Mohammad Salim; **Norta, Alexander** International journal of innovation and learning 2018 / p. 54-75 https://doi.org/10.1504/IJIL.2018.088790 Journal metrics at Scopus Article at Scopus

Archival analysis of slash-and-burn agriculture in the Northern Ural Mountains at the End of the Nineteenth Century
Aleinikov, Alexei; **Lisitsyna, Olga** Human ecology 2023 / p. 671-683 : ill https://doi.org/10.1007/s10745-023-00435-8 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Are annual report graphs being used for making performance attributions?
Laidroo, Laivi International journal of business communication 2019 / p. 476-504 : tab https://doi.org/10.1177/2329488416668838 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Are environmental sustainability and happiness the keys to prosperity in Asian nations?
Kaklauskas, Arturas; Dias, W.P.S.; Binkyte-Veliene, Arune; Abraham, A.; **Ubarte, Ieva**; Randil, O.P.C.; **Lill, Irene**; **Puust, Raido** Ecological indicators 2020 / art. 106562, 33 p https://doi.org/10.1016/j.ecolind.2020.106562 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Are “hubs” in beta-cell clusters an emergent network property or do they exist independently? : abstract
Patriarca, Marco; Scialla, Scialla; Yamakou, Marius; Heinsalu, Els; Cartwright, Julyan H.E. Acta physiologica 2023 / 1 p https://doi.org/10.1111/apha.14044

Are other people's books difficult to read? The logic books in Lewis Carroll's private library
Moktefi, Amirouche Acta Baltica historiae et philosophiae scientiarum 2017 / p. 28-49 : ill http://www.ester.ee/record=b2941458*est https://www.bahps.org/02_Moktefi-2017-1-02.pdf https://doi.org/10.11590/abhps.2017.1.02 Journal metrics at Scopus Article at Scopus

Are small- and medium-sized enterprises more likely to innovate when facing informal competition? Evidence from Kazakhstan
Aguzzi, Tommaso; Ianole-Calin, Rodica; **Durst, Susanne** International journal of sociology and social policy 2024 / p. 499-515 https://doi.org/10.1108/IJSSP-11-2023-0303 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Are students’ mindsets those of typical start-up founders?
Rungi, Mait Higher Education, Skills and Work-based Learning 2019 / p. 588 - 602 https://doi.org/10.1108/HESWBL-07-2018-0074 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Are survey data underestimating the inequality of wealth?
Meriküll, Jaanika; **Rõõm, Tairi** Empirical economics 2022 / p. 339-374 https://doi.org/10.1007/s00181-021-02030-6 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Are the current system engineering practices sufficient to meet cyber crime?
Buldas, Ahto; Saarepera, Märt Human Aspects of Information Security, Privacy and Trust : 5th International Conference, HAS 2017 : held as part of HCI International 2017, Vancouver, BC, Canada, July 9–14, 2017 : proceedings 2017 / p. 451-463 https://doi.org/10.1007/978-3-319-58460-7_31 Conference proceedings at Scopus Article at Scopus Article at WOS

Are the most influential websites peer-produced or price-incentivized? Organizing value in the digital economy
Pazaitis, Alexandros; Kostakis, Vasileios Organization 2022 / p. 757–769 https://doi.org/10.1177/13505084211020192 Journal metrics

at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An area aware accelerator for elliptic curve point multiplication
Imran, Malik; **Pagliarini, Samuel Nascimento**; Rashid, Muhammad Haroon 27th IEEE International Conference on Electronics Circuits and Systems, (ICECS) 2020, Glasgow, UK, Virtual Conference, November 23-25, 2020 : proceedings 2020 / 4 p https://doi.org/10.1109/ICECS49266.2020.9294908

Area efficient design and implementation of a novel divider circuit block = Uudne efektiivne jagamistehte riistvaraline realisatsioon
Patankar, Udayan Sunil 2025 https://www.ester.ee/record=b5746970*est https://digikogu.taltech.ee/et/Item/bada7a0d-f54f-48bb-844d-37e23ad8d029 https://doi.org/10.23658/taltech.29/2025

Area efficient hexadecimal divider circuit implementation based on USP-awadhoot division algorithm
Patankar, Udayan Sunil; **Koel, Ants**; Patankar, Sunil M.; Flores, Miguel E. IEEE International Conference on Engineering, Technology and Innovation (ICE/ITMC) 2021 / p. 1-8 https://doi.org/10.1109/ICE/ITMC52061.2021.9570263

Areeba : an area efficient binary huff-curve architecture
Sajid, Asher; Rashid, Muhammad; Jamal, Sajjad Shaukat; **Imran, Malik**; Alotaibi, Saud S.; Sinky, Mohammed H. Electronics (Switzerland) 2021 / art. 1490 https://doi.org/10.3390/electronics10121490 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Arhitektuurihariduse stalinistlikust korraldamisest Eestis 1944-1950
Hallas-Murula, Karin Kunstiteaduslikke uurimusi = Studies on art and architecture = Studien für Kunstwissenschaft 2017 / lk. 58-83 http://ktu.kty.ee/index.php?id=page{=est&cont=3 https://www.proquest.com/docview/1985569894?sourcetype=Scholarly%20Journals Journal metrics at Scopus Article at Scopus Article at WOS

Aristide Briand: cooperation as the motor of Europe
Ramiro Troitino, David The European Union and its political leaders : understanding the integration process 2022 / p. 65-74 https://doi.org/10.1007/978-3-030-96662-1_8

Armor materials' behavior under repetitive dense plasma shots
Shirokova, Veroonika; Laas, Tõnu; **Mikli, Valdek** Physica scripta 2014 / Art. 014045, 5 p. : ill https://doi.org/10.1088/0031-8949/2014/T161/014045 Conference proceedings at Scopus Article at Scopus Conference proceedings 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

The ARROWS project : robotic technologies for underwater archaeology
Allotta, Benedetto; Costanzi, Riccardo; Ridolfi, Alessandro; Salvetti, Ovidio; Reggiannini, Marco; **Kruusmaa, Maarja**; **Salumäe, Taavi**; Lane, David M. Mike; Frost, Gordon; Tsiogkas, Nikolaos; Cocco, Michele IOP conference series : materials science and engineering 2018 / art. 012088 https://doi.org/10.1088/1757-899X/364/1/012088 Conference Proceedings at Scopus Article at Scopus Article at WOS

Art and automation of teaching malware reverse engineering
Lepik, Toomas; **Maennel, Kaie**; **Ernits, Margus**; **Maennel, Olaf Manuel** Learning and Collaboration Technologies : Learning and Teaching : 5th International Conference : LCT 2018, Held as Part of HCI International 2018, Las Vegas, NV, USA, July 15-20, 2018 : Proceedings, Part II 2018 / p. 461-472 https://doi.org/10.1007/978-3-319-91152-6_35 Conference Proceedings at Scopus Article at Scopus Conference Proceedings at WOS Article at WOS

The art of innovation : How arts-based initiatives can nurture innovation dynamic capabilities
Berthinier-Poncet, Anne; **Podmetina, Daria**; Robbins, Peter Technovation 2025 / art. 103337 https://doi.org/10.1016/j.technovation.2025.103337

Articulation during voice disguise: a pilot study
Tavi, Lauri; Kinnunen, Tomi; **Meister, Einar**; Gonzalez-Hautamäki, Rosa; **Malmi, Anton** Speech and Computer : 23rd International Conference, SPECOM 2021, St. Petersburg, Russia, September 27-30, 2021 : proceedings 2021 / p. 680-691 https://doi.org/10.1007/978-3-030-87802-3_61 Conference Proceedings at Scopus Article at Scopus

Articulatory properties of Estonian palatalization by Russian L1 speakers
Malmi, Anton; **Lippus, Pärtel**; **Meister, Einar** Eesti ja soome-ugri keeleteaduse ajakiri = Journal of Estonian and Finno-Ugric linguistics 2022 / p. 79-118 : ill https://doi.org/10.12697/jeful.2022.13.2.03 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Artificial Hummingbird Algorithm For Optimal Reconfiguration Of Electrical Distribution networks
Zahraoui, Younes; Bouhanik, Anes; **Korõtko, Tarmo**; **Rosin, Argo**; Mekhilef, Saad 2024 IEEE 22nd Mediterranean Electrotechnical Conference (MELECON) 2024 / p. 225-229 https://doi.org/10.1109/MELECON56669.2024.10608525

Artificial Intelligence and Agents : ISDE - Intelligent Systems for Digital Era Track : editorial message
Matulevičius, Raimundas; Kalibatiene, Diana SAC '25: Proceedings of the 40th ACM/SIGAPP Symposium on Applied Computing 2025 / p. 864-865 https://dl.acm.org/doi/proceedings/10.1145/3672608

Artificial intelligence and its effect on labour relations
Joamets, Kristi; **Chochia, Archil** Journal of Law 2020 / p. 384−401 "Journal of Law"

Artificial intelligence and its impact on labour relations in Estonia
Joamets, Kristi; **Chochia, Archil** Slovak journal of political sciences 2020 / p. 255-277 https://doi.org/10.34135/sjps.200204 Journal metrics at Scopus Article at Scopus

Artificial intelligence and the GDPR : Inevitable nemeses?
Kesa, Aleksandr; **Kerikmäe, Tanel** TalTech journal of European studies 2020 / p. 68-90 https://doi.org/10.1515/bjes-2020-0022 https://content.sciendo.com/view/journals/bjes/bjes-overview.xml?tab_body=latestIssueToc-79907 https://www.ester.ee/record=b5290032*est Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Artificial intelligence based data curation: enabling a patient-centric European health data space
de Zegher, Isabelle; **Norak, Kerli**; Steiger, Dominik; Müller, Heimo; Kalra, Dipak; Scheenstra, Bart; Cina, Isabella; Shulz, Stefan; Uma, Kanimozhi; Kalendralis, Petros; Lotmam, Eno-Martin; Benedikt, Martin; Dumontier, Michel; Celebi, Remzi Frontiers in Medicine 2024 / p. 1365501 https://doi.org/10.3389/fmed.2024.1365501 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Artificial intelligence driven approaches for fault prognostics of electrical machines using vibration spectrum analysis = Tehisintellektil põhinevad lähenemisviisid elektrimasinate rikete prognoosimiseks vibratsioonispektri analüüsi abil
Kudelina, Karolina 2024 https://www.ester.ee/record=b5685285*est https://doi.org/10.23658/taltech.28/2024 https://digikogu.taltech.ee/et/Item/229f1bbb-6178-414a-9e2e-2c98a30a783c

Artificial intelligence for the public sector : results of landscaping the use of AI in government across the European Union
Noordt, Colin Pascal van; Misuraca, Gianluca Government Information Quarterly 2022 / art. 101714 https://doi.org/10.1016/j.giq.2022.101714 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Artificial intelligence for worker management : an overview : report
Christenko, Aleksandr; Jankauskaite, Vaida; Paliokaite, Agne; van den Broek, Egidius Leon; **Reinhold, Karin**; **Järvis, Marina** 2022 https://doi.org/10.2802/76354

Artificial intelligence for worker management : implications for occupational safety and health : report
Reinhold, Karin; **Järvis, Marina**; Christenko, Aleksandr; Jankauskaite, Vaida; Paliokaite, Agne; Riedmann, Arnold 2022 https://osha.europa.eu/sites/default/files/artificial-intelligence-worker-management_en.pdf

Artificial intelligence for worker management : prevention measures
Jankauskaite, Vaida; Christenko, Aleksandr; Paliokaite, Agne; **Reinhold, Karin**; **Järvis, Marina** 2022 https://osha.europa.eu/sites/default/files/artificial-intelligence-prevention_en.pdf

Artificial intelligence for worker management : risks and opportunities
Christenko, Aleksandr; Jankauskaite, Vaida; Paliokaite, Agne; **Reinhold, Karin**; **Järvis, Marina** 2022 https://osha.europa.eu/sites/default/files/ai-worker-management_EN.pdf

Artificial intelligence in businesses : importance and context
Kalvet, Tarmo AI IN BUSINESS : proceedings of the scientific workshop on business implications of artificial intelligence, June 7, 2022 2022 / p. 9-12 : ill https://www.ester.ee/record=b5506022*est https://digikogu.taltech.ee/et/Item/2096bada-661d-4928-99a7-bfbce51825d8

Artificial intelligence in the defence sector
Carlo, Antonio Modelling and Simulation for Autonomous Systems : 7th International Conference, MESAS 2020, Prague, Czech Republic, October 21, 2020, Revised Selected Papers 2021 / p. 269-278 https://doi.org/10.1007/978-3-030-70740-8_17 Conference proceedings at Scopus Article at Scopus Conference proceedings at WOS Article at WOS

Artificial Intelligence in the hierarchical control of ac, dc and hybrid ac/dc microgrids : A review
Gutiérrez-Escalona, J.; Roncero-Clemente, C.; **Husev, Oleksandr**; **Matiushkin, Oleksandr**; Blaabjerg, Frede IEEE Access 2024 / p. 157227-157246 https://doi.org/10.1109/ACCESS.2024.3486382 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An artificial intelligence maturity model for the public sector : a design science approach
Dreyling III, Richard Michael; **Lemmik, Juhani**; **Tammet, Tanel**; **Pappel, Ingrid** TalTech journal of European studies 2024 / p. 217-239 https://doi.org/10.2478/bjes-2024-0023 https://www.ester.ee/record=b5290032*est Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Artificial intelligence tools for university fundraising 5.0 : a comprehensive analysis
Cherniavska, Olena; Belov, Alexandr; Shmygol, Nadiia; **Järvis, Marina**; Cherniavska, Oleksandra; Tsalko, Tetiana 2023 IEEE 5th International Conference on Modern Electrical and Energy System (MEES) : proceedings 2023 / 6 p
https://doi.org/10.1109/MEES61502.2023.10402529

Artificial intelligence use in e-Government services : a systematic interdisciplinary literature review
Dreyling III, Richard Michael; **Tammet, Tanel**; **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. 547-559 https://doi.org/10.1007/978-981-19-8069-5_37 Conference proceedings at Scopus Article at Scopus Article at WOS

Artificial intelligence, value alignment and rationality
Bekenova, Zhumagul; **Müürsepp, Peeter**; **Nurysheva, Gulzhikhan**; **Turarbekova, Laura** TalTech journal of European studies 2022 / p. 79-98 https://doi.org/10.2478/bjes-2022-0004 https://www.ester.ee/record=b5290032*est Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Artificial Intelligence-Based Predictive Analytics for Battery Energy Storage Systems in Electric Vehicle Applications = Tehisintellektil põhinev ennustav andmeanalüüs akupõhiste energiasalvestussüsteemide jaoks elektrisõidukites
Zequera, Rolando Antonio Gilbert 2025 https://www.ester.ee/record=b5758189*est https://digikogu.taltech.ee/et/Item/7ecb1e38-a591-47c5-b37e-7c2e901d05f1 https://doi.org/10.23658/taltech.61/2025

Artificial lateral line for aquatic habitat modelling: An example for Lefua echigonia
Garcia-Vega, Ana; Fuentes-Perez, Juan Francisco; Fukuda, Shinji; **Kruusmaa, Maarja**; Sanz-Ronda, Francisco Javier; **Tuhtan, Jeffrey Andrew** Ecological Informatics 2021 / art. 101388 https://doi.org/10.1016/j.ecoinf.2021.101388 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

ARTmine : automatic association rule mining with temporal behavior for hardware verification
Heidari Iman, Mohammad Reza; **Jervan, Gert**; **Ghasempouri, Tara** 2024 Design, Automation & Test in Europe Conference & Exhibition (DATE) : Valencia, Spain, 25-27 March 2024 : proceedings 2024 / p. 1-6 : ill https://ieeexplore.ieee.org/document/10546742 https://doi.org/10.23919/DATE58400.2024.10546742 Conference proceeding at Scopus Article at Scopus Article at WOS

The asaphid trilobite fauna : its rise and fall in baltica
Pärnaste, Helje; Bergström, Jan Palaeogeography, Palaeoclimatology, Palaeoecology 2013 / p. 64 - 77
https://doi.org/10.1016/j.palaeo.2013.06.007 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

ASAT weapons : enhancing NATO's operational capabilities in the emerging space dependent era
Carlo, Antonio; Veazoglou, Nikolaos Modelling and Simulation for Autonomous Systems : 6th International Conference, MESAS 2019, Palermo, Italy, October 29–31, 2019, Revised Selected Papers 2020 / p. 417-426 https://doi.org/10.1007/978-3-030-43890-6_34

Ash and flue gas from oil shale oxy-fuel circulating fluidized bed combustion
Loo, Lauri; **Konist, Alar**; **Nešumajev, Dmitri**; **Pihu, Tõnu**; **Maaten, Birgit**; **Siirde, Andres** Energies 2018 / art. 1218, 12 p. : ill
https://doi.org/10.3390/en11051218 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Ash characterisation formed under different oxy-fuel circulating fluidized bed conditions
Baqain, Mais Hanna Suleiman; **Yörük, Can Rüstü**; **Nešumajev, Dmitri**; **Järvik, Oliver**; **Konist, Alar** Fuel 2023 / art. 127244
https://doi.org/10.1016/j.fuel.2022.127244 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Ash melting behaviour of reed and woody fuels blends
Link, Siim; Yrjäs, Patrik; Lindberg, Daniel; **Trikkel, Andres**; **Mikli, Valdek** Fuel 2022 / art. 123051
https://doi.org/10.1016/j.fuel.2021.123051 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Ash melting behaviour of wheat straw blends with wood and reed
Link, Siim; Yrjas, Patrik; Hupa, Leena Renewable Energy 2018 / p. 11-20 : ill https://doi.org/10.1016/j.renene.2017.09.050 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The Asian experience for Europe : new perspectives
Vernygora, Vlad Alex; Holland, Martin; Chaban, Natalia; **Kerikmäe, Tanel** Baltic journal of European studies 2019 / p. 3-5
https://doi.org/10.1515/bjes-2019-0010 https://www.ester.ee/record=b2675037*est Journal metrics at Scopus Article at Scopus 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

Aspects of Higgs boson physics : vacuum stability, Yukawa couplings and SO(10) unification = Higgsi bosoni füüsika aspektid : vaakumi stabiilsus, Yukawa interaktsioonid ja SO(10) ühendteooriad
Ouyang, Ruiwen 2023 https://doi.org/10.23658/taltech.39/2023 https://digikogu.taltech.ee/et/Item/3574ebed-b8a5-4bc1-98b9-b10176a139a5 https://www.ester.ee/record=b5571980*est

Aspects of kerogen oxidative dissolution in subcritical water using oxygen from air
Kaldas, Kristiina; **Niidu, Allan**; **Preegel, Gert**; **Uustalu, Jaan Mihkel**; **Muldma, Kati**; **Lopp, Margus** Oil shale 2021 / p. 199-214 : ill https://doi.org/10.3176/oil.2021.3.02 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Aspects of personal data protection from state and citizen perspectives - case of Georgia
Tsulukidze, Mariam; **Nyman-Metcalf, Katrin Merike**; **Tsap, Valentyna**; **Pappel, Ingrid**; **Draheim, Dirk** Digital Transformation for a Sustainable Society in the 21st Century 18th IFIP WG 6.11 : Conference on e-Business, e-Services, and e-Society, I3E 2019 Trondheim, Norway, September 18–20, 2019 : proceedings 2019 / p. 476-488 https://doi.org/10.1007/978-3-030-29374-1_39 Conference proceeding at Scopus Article at Scopus Conference proceeding at WOS Article at WOS

Aspects of using telepresence robot in a higher education STEAM workshop
Leoste, Janika; Virkus, Sirje; **Kasuk, Tiina**; **Talisainen, Aleksei**; **Kangur, Katrin**; Tolmos, Piedad Information Integration and Web Intelligence. iiWAS 2022 2022 / p. 18-28 https://doi.org/10.1007/978-3-031-21047-1_2 Conference proceedings at Scopus Article at Scopus Conference proceedings at WOS Article at WOS

Aspects on the International Commission on Non-Ionizing Radiation Protection (ICNIRP) 2020 Guidelines on Radiofrequency Radiation
Hardell, Lennart; Nilsson, Mona; **Koppel, Tarmo**; **Carlberg, Michael** Journal of Cancer Science and Clinical Therapeutics 2021 / p. 250-285 https://doi.org/10.26502/jcsct.5079117

Assemblage of turbulent jet flows through static particulate media
Lauk, Peep; Rebassa, Josep Hueso; **Kartušinski, Aleksander**; **Tisler, Sergei**; **Tähemaa, Toivo**; Polonsky, Andrei Proceedings of the Estonian Academy of Sciences 2016 / p. 284-296 : ill https://doi.org/10.3176/proc.2016.3.05 https://artiklid.elnet.ee/record=b2798402*est Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assembling sustainable smart city transitions : an interdisciplinary theoretical perspective
Mora, Luca; Deakin, Mark; Zhang, Xiaoling; Batty, Michael; de Jong, Martin; Santi, Paolo; Appio, Francesco Paolo Journal of urban technology 2021 / p. 1-27 https://doi.org/10.1080/10630732.2020.1834831 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assertion and denial : a contribution from logical notations
Pietarinen, Ahti-Veikko; **Bellucci, Francesco** Journal of applied logic 2017 / p. 1-22 : ill https://doi.org/10.1016/j.jal.2017.01.001 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assertion, conjunction, and other signs of logic : a contribution to the philosophy of notation
Bellucci, Francesco; **Chiffi, Daniele**; **Pietarinen, Ahti-Veikko** Transactions of the Charles S. Peirce Society : a quarterly journal in American philosophy 2021 / p. 270−287 https://doi.org/10.2979/trancharpeirsoc.57.2.07 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assertive and existential graphs : a comparison
Pietarinen, Ahti-Veikko; **Chiffi, Daniele** Diagrammatic Representation and Inference : 10th International Conference, Diagrams 2018, Edinburgh, UK, June 18–22, 2018 : proceedings 2018 / p. 565-581 https://doi.org/10.1007/978-3-319-91376-6_51 Conference Proceedings at Scopus Article at Scopus Conference Proceedings at WOS Article at WOS

Assertive graphs
Bellucci, Francesco; **Chiffi, Daniele**; **Pietarinen, Ahti-Veikko** Journal of applied non-classical logics 2018 / p. 72–91 https://doi.org/10.1080/11663081.2017.1418101 Journal metrics at Scopus Aricle at Scopus

Assessing age-friendliness of contemporary urban outdoor places in Estonia
Nutt, Nele; **Salmistu, Sirle**; **Kupper, Kristiina**; Kotval, Zenia Quality in Ageing and Older Adults 2024 / p. 204-219 https://doi.org/10.1108/QAOA-05-2024-0033 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessing amyloid pathology in cognitively normal subjects using 18F-flutemetamol PET : comparing visual reads and quantitative methods
Collij, Lyduine E.; Konijnenberg, Elles; **Reimand, Juhan**; Kate, Mara ten; den Braber, Anouk; Alves, Isadora Lopes; Zwan, Marissa; Yaqub, Maqsood; van Assema, Daniëlle M.E.; Wink, Alle Meije Journal of nuclear medicine 2019 / 7 p. : ill

https://doi.org/10.2967/jnumed.118.211532 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessing biological effects of contaminants in the Gulf of Finland, Northeastern Baltic Sea, using sediment biotests with Amphipods (Monoporeia affinis) and biomarker responses in Clams (Macoma balthica)
Kuprijanov, Ivan; **Kolesova, Natalja**; **Lipp, Maarja**; Lehtonen, Kari K. Proceedings 2023 / art. 54
https://doi.org/10.3390/proceedings2023092054

Assessing energy generation and consumption patterns in times of crisis : COVID-19 as a case study
Ofir, Ron; Zargari, Noa; Levron, Yoash; **Belikov, Juri** 2021 IEEE Madrid PowerTech 2021 / 6 l
https://doi.org/10.1109/PowerTech46648.2021.9494753

Assessing engineering students' attitudes towards corporate social responsibility principles
Saari, Ulla A.; **Ojasoo, Merle**; **Venesaar, Urve**; Puhakka, Ilmari; Nokelainen, Petri; Mäkinen, Saku J. European journal of engineering education 2024 / p. 492-513 https://doi.org/10.1080/03043797.2023.2299731 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessing hemodynamics from the photoplethysmogram to gain insights into vascular age : a review from VascAgeNet
Charlton, Peter H.; Paliakaite, Birute; **Pilt, Kristjan**; Bachler, Martin; Zanelli, Serena; Kulin, Daniel; Allen, John; Hallab, Magid; Bianchini, Elisabetta; Mayer, Christopher C. American journal of physiology-heart and circulatory physiology 2022 / p. H493-H522
https://doi.org/10.1152/ajpheart.00392.2021 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessing interaction mechanics in extended reality for control engineering applications
Remenyi, Armin; **Alsaleh, Saleh**; **Tepljakov, Aleksei** 2024 32nd International Conference on Software, Telecommunications and Computer Networks, SoftCOM 2024 2024 https://doi.org/10.23919/SoftCOM62040.2024.10721783 Article at Scopus

Assessing opportunities and barriers to improving the secondary use of health care data at the national level : multicase study in the Kingdom of Saudi Arabia and Estonia
Metsallik, Janek; **Draheim, Dirk**; Sabic, Zlatan; Novak, Thomas; **Ross, Peeter** Journal of Medical Internet Research 2024 / art. e53369 https://doi.org/10.2196/53369 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessing structural bonding aspects of multiband superconductors through impurity-induced local lattice distortions : a case study on MgB2
Pishtshev, Aleksandr; **Klopov, Mihhail** International journal of quantum chemistry 2013 / p. 643-650 : ill
https://doi.org/10.1002/qua.24024 Conference Proceedings at Scopus Article at Scopus Conference Proceedings at Scopus Article at Scopus

Assessing technophobia and technophilia : development and validation of a questionnaire
Martinez-Corcoles, Mario; **Teichmann, Mare**; **Murdvee, Mart** Technology in society 2017 / p. 183-188 : tab
https://doi.org/10.1016/j.techsoc.2017.09.007 Journal metrics at Scopus Artice at Scopus Journal metrics at WOS Article at WOS

Assessing the accuracy of EN ISO 13370 simplified method for edge insulation: A comparative analysis with steady-state and dynamic simulation models
Lomp, Siim; **Kalamees, Targo**; **Hallik, Jaanus** Multiphysics and Multiscale Building Physics : Proceedings of the 9th International Building Physics Conference (IBPC 2024) ; Volume 1: Moisture and Materials 2025 / p. 533-539 https://doi.org/10.1007/978-981-97-8305-2_75

Assessing the applicability of the European standard EN 17037:2018 for office spaces in a cold climate
Sepulveda Luque, Abel; **De Luca, Francesco**; **Varjas, Toivo**; **Kurnitski, Jarek** Building and environment 2022 / art. 109602
https://doi.org/10.1016/j.buildenv.2022.109602 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessing the biodegradation characteristics of poly(butylene succinate) and poly(lactic acid) formulations under controlled composting conditions
Lyshtva, Pavlo; **Voronova, Viktoria**; **Kuusik, Argo**; **Kobets, Yaroslav** AppliedChem 2025 / art. 17
https://doi.org/10.3390/appliedchem5030017 https://www.mdpi.com/2673-9623/5/3/17

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

Assessing the eutrophication status of Estonian marine waters
Stoicescu, Stella-Theresa; **Lips, Urmas**; **Lips, Inga** Фундаментальная и прикладная гидрофизика 2018 / с. 62-74
https://doi.org/10.7868/S2073667318020053 http://hydrophysics.info/wp-content/uploads/2018/06/Stoicescu_%D0%B0.pdf Journal metrics at Scopus Article at Scopus

Assessing the frost resistance of illite-based ceramics through the resonant frequency of free vibration and internal damping

Hulan, Tomaš; Knapek, Michal; Minarik, Peter; Csaki, Štefan; **Kaljuvee, Tiit**; **Uibu, Mai** AIP conference proceedings 2017 / art. 040015, p. 1-7 https://doi.org/10.1063/1.4994495 Conference proceedings at Scopus Article at Scopus Article at WOS

Assessing the geochemical variability of oil shale in the Attarat Um Ghudran deposit, Jordan
Voolma, Margus; **Soesoo, Alvar**; Puura, Väino; **Hade, Sigrid**; Aosaar, Hardi Estonian journal of earth sciences 2016 / p. 61-74 : ill https://doi.org/10.3176/earth.2016.06 https://artiklid.elnet.ee/record=b2778896*est Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessing the impact of market logic and long-term strategic plans of top management in share buyback decisions
Demirag, Istemihan Sefik; **Kungwal, Thanamas**; **Bakkar, Yassine** Managerial finance 2022 / p. 392-408 https://doi.org/10.1108/MF-07-2021-0336 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessing the openness and conviviality of open source technology : The case of the WikiHouse
Priavolou, Christina; Niaros, Vasileios Sustainability 2019 / art. 4746, 16 p. : ill https://doi.org/10.3390/su11174746 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessing the performance of a hybrid max-weight traffic signal control algorithm in the presence of noisy queue information: An evaluation of the environmental impacts
Liaquat, Muwahida; Vosough, Shaghayegh; Roncoli, Claudio; Charalambous, Themistoklis IET Intelligent Transport Systems 2024 / p. 2255-2272 : ill https://doi.org/10.1049/itr2.12571 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessing the potential for sea-based macroalgae cultivation and its application for nutrient removal in the Baltic Sea
Kotta, Jonne; **Raudsepp, Urmas**; Szava-Kovats, Robert; Szava-Kovats, Robert; Aps, Robert; Armoskaite, Aurelija; Barda, Ieva; Bergström, Per; Futter, Martyn; **Maljutenko, Ilja** Science of the total environment 2022 / art. 156230 ; 14 p. : ill https://doi.org/10.1016/j.scitotenv.2022.156230 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessing the potential of participatory modeling for decolonial restoration of an agro-pastoral system in rural zimbabwe
Eitzel, M.V.; Solera, Jon; Hove, Emmanuel Mhike; Wilson, K.B.; Ndlovu, Abraham Mawere; Ndlovu, Daniel; Changarara, Abraham; Ndlovu, Alice; Neves, Kleber; **Veski, André** Citizen science : theory and practice 2021 / 16 p. : ill https://doi.org/10.5334/cstp.339 Journal metrics at Scopus Article at Scopus

Assessing the potential of risk-based regulations for emerging maritime technologies
Kerem, Kristin; **Aiken, Deniece Melissa**; **Carjova, Kristine**; **Tapaninen, Ulla Pirita**; Manderbacka, Teemu Proceedings of the 35th European Safety and Reliability & the 33rd Society for Risk Analysis Europe Conference 2025 / p. 2732-2739 https://rpsonline.com.sg/proceedings/esrel-sra-e2025/pdf/ESREL-SRA-E2025-P1171.pdf http://doi.org/10.3850/978-981-94-3281-3_ESREL-SRA-E2025-P1171-cd

Assessing the relevance of stakeholder analysis for national ecological network governance : the case of the Green Network in Estonia
Suškevics, Monika; **Tillemann, Kadri**; Külvik, Mart Journal for nature conservation 2013 / p. 206-213 : ill https://doi.org/10.1016/j.jnc.2012.12.007 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessing tissue hydration dynamics based on water/fat separated MRI
Karlsson, Markus; Indurain, Ainhoa; Romu,Thobias; Tunon, Patrik; Segelmark, Marten; **Uhlin, Nils Fredrik Arne**; Fernström, Anders; Dahlqvist Leinhard, Olof Journal of magnetic resonance imaging 2023 / p. 652-660 https://doi.org/10.1002/jmri.28581 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessing uncertainty in the optimal placement of distributed generators in radial distribution feeders
Gautam, Rupesh; Khadka, Srijan; Malla, Tanus Bikram; **Bhattarai, Abhinav**; Shrestha, Ashish; Gonzalez-Longatt, Francisco Electric power systems research 2024 / art. 110249, 13 p. : ill https://doi.org/10.1016/j.epsr.2024.110249 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

An assessment framework for evaluating the digitalisation potential of stormwater management and monitoring in small- and medium-sized water utilities
Suits, Kristjan; **Annus, Ivar**; **Kändler, Nils**; **Kaur, Katrin**; **Kõiv, Kerta**; Arm, Liisi; Barndõk, Helen Urban Water Journal 2025 https://doi.org/10.1080/1573062X.2025.2511810

Assessment of 3D printed steels and composites intended for wear applications in abrasive, dry or slurry erosive conditions
Kumar, Rahul, 1993-; **Antonov, Maksim**; Beste, U.; **Goljandin, Dmitri** International journal of refractory metals and hard materials 2020 / art. 105126, 9 p. : ill https://doi.org/10.1016/j.ijrmhm.2019.105126 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessment of abrasive powder behaviour during impact-abrasive wear of PCD elements
Gomon, Dmitri; **Auriemma, Fabio**; **Antonov, Maksim** Wear 2019 / p. 151-161 : ill https://doi.org/10.1016/j.wear.2019.03.024 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessment of along-normal uncertainties for application to terrestrial laser scanning surveys of engineering structures
Mill, Tarvo; **Ellmann, Artu** Survey review 2019 / p. 1-16 : ill https://doi.org/10.1080/00396265.2017.1361565 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessment of associations between arterial mechanical properties and biochemical blood markers for early detection of atherosclerosis
Kööts, Kristina; **Pilt, Kristjan**; Sepa, Madis; Pikta, Marika; **Fridolin, Ivo**; **Meigas, Kalju**; **Viigimaa, Margus** 8th European Medical and Biological Engineering Conference : proceedings of the EMBEC 2020, November 29 – December 3, 2020 Portorož, Slovenia 2021 / p. 121-129 https://doi.org/10.1007/978-3-030-64610-3_15 Conference Proceedings at Scopus Article at Scopus

Assessment of aviation security risk management for airline turnaround processes
Matulevičius, Raimundas; **Norta, Alexander**; **Udokwu, Chibuzor**; **Nõukas, Rein** Transactions on large-scale data- and knowledge-centered systems XXXVI : special issue on data and security engineering 2017 / p. 109-141 : ill https://doi.org/10.1007/978-3-662-56266-6_6 Conference proceedings at Scopus Article at Scopus Article at WOS

Assessment of bioavailable B vitamin content in food using in vitro digestibility assay and LC-MS SIDA
Paalme, Toomas; **Vilbaste, Allan**; Kevvai, Kaspar; **Nisamedtinov, Ildar**; Hälvin, Kristel Analytical and bioanalytical chemistry 2017 / p. 6475-6484 : tab https://doi.org/10.1007/s00216-017-0592-3 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessment of blood contamination in biological fluids using MALDI-TOF MS
Laks, Katrina; **Kirsipuu, Tiina**; **Dmitrijeva, Tuuli**; **Salumets, Andres**; **Palumaa, Peep** The protein journal 2016 / 171-176 https://doi.org/10.1007/s10930-016-9657-y Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An assessment of Caspian Sea modeled wave climate using ERA5 winds
Männikus, Rain; **Giudici, Andrea**; Mayemerova, Gülnara; Beisembekova, Meruyert; Rakisheva, Zaure Bayanovna; Soomere, Tarmo Journal of coastal research 2024 / p. 649-653 https://doi.org/10.2112/JCR-SI113-128.1

Assessment of corona loss performance on aging transmission lines using PMU measurements
Gupta, Pradeep Kumar; **Tuttelberg, Kaur**; **Kilter, Jako** Energy reports 2023 / p. 215-219 https://doi.org/10.1016/j.egyr.2023.09.160 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessment of data acquisition system for forecasting temperature and solar irradiation
Zahraoui, Younes; **Korõtko, Tarmo**; Mekhilef, Saad; Alhamrouni, Ibrahim 2023 International Conference on Engineering Technology and Technopreneurship (ICE2T) 2024 / p. 408-413 https://doi.org/10.1109/ICE2T58637.2023.10540516

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

Assessment of durability of environmentally friendly wood-based panels
Kallavus, Urve; **Järv, Hele**; **Kalamees, Targo**; **Kurik, Lembit** Energy procedia 2017 / p. 207–212 : ill https://doi.org/10.1016/j.egypro.2017.09.756 Conference proceedings at Scopus Article at Scopus Article at WOS

Assessment of economic efficiency, effects and risks of digitalization projects of garment industry in Russia
Kudryavtseva, Tatiana; Kozhina, Ksenia; **Prause, Gunnar Klaus**; Olaniyi, Eunice Omolola Journal of applied economic research 2023 / p. 72-98 https://doi.org/10.15826/vestnik.2023.22.1.004

Assessment of eutrophication status based on sub-surface oxygen conditions in the Gulf of Finland (Baltic Sea)
Stoicescu, Stella-Theresa; **Lips, Urmas**; **Liblik, Taavi** Frontiers in marine science 2019 / art. 54, 16 p. : ill https://doi.org/10.3389/fmars.2019.00054 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessment of fire-retardant treatments and their impact on the fire performance and bonding properties of aspen and silver birch veneers
Alao, Percy Festus; Olusoji, Adekunle; **Kallakas, Heikko**; **Just, Alar**; **Kers, Jaan** European journal of wood and wood products 2025 / art. 66 https://doi.org/10.1007/s00107-025-02223-1

Assessment of hydrodynamic model sea level performance through Geoid-Referenced Tide-Gauge and Satellite Altimetry : poster
Jahanmard, Vahidreza; **Delpeche-Ellmann, Nicole Camille**; **Ellmann, Artu** Living Planet Symposium (LPS22) 2022 / 1 p

https://www.lps22.eu/

Assessment of indoor air in Estonian straw bale and reed houses
Raamets, Jane; **Kutti, Sander**; **Ruus, Aime**; **Ivask, Mari** Air Pollution XXV 2017 / p. 193-196 : tab https://doi.org/10.2495/AIR170191 Journal metrics at Scopus Article at Scopus Article at WOS

Assessment of landfill wastewater pollutants and efficiency of different treatment methods
Kuusik, Aare; **Pachel, Karin**; **Kuusik, Argo**; **Loigu, Enn** Proceedings of the Estonian Academy of Sciences 2016 / p. 452-471 : ill https://doi.org/10.3176/proc.2016.4.10 https://artiklid.elnet.ee/record=b2808652*est Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessment of malicious tweets impact on stock market prices
Ishikawa, Tatsuki; **Ben Sassi, Imen**; **Ben Yahia, Sadok** Research Challenges in Information Science : 15th International Conference, RCIS 2021, Limassol, Cyprus, May 11–14, 2021 : proceedings 2021 / p. 330–346 https://doi.org/10.1007/978-3-030-75018-3_22 Conference Proceedings at Scopus Article at Scopus Article at WOS

Assessment of marine geoid models by ship-borne GNSS profiles
Varbla, Sander; **Ellmann, Artu**; **Märdla, Silja**; Gruno, Anti Geodesy and cartography 2017 / p. 41-49 : ill https://doi.org/10.3846/20296991.2017.1330771 Journal metrics at Scopus Article at Scopus

Assessment of mixed energy storage system considering high spatial resolution data from a real PV installation
Rogowski, Szymon; **Hasan, Sayeed**; **Chub, Andrii**; **Sibinski, Maciej** 2024 19th Biennial Baltic Electronics Conference (BEC) 2024 / 6 p https://doi.org/10.1109/BEC61458.2024.10737964 Conference Proceedings at Scopus Article at Scopus Article at WOS

Assessment of moisture and mould of hempcrete and straw panels
Raamets, Jane; **Lokko, Laura**; **Ruus, Aime**; **Kalamees, Targo**; **Muoni, Karin** Journal of physics : conference series 2021 / art. 012194, p. 1-3 https://doi.org/10.1088/1742-6596/2069/1/012194 Conference Proceedings at Scopus Article at Scopus

Assessment of objective symptoms of depression in occupational health examination
Põld, Toomas; **Päeske, Laura**; **Bachmann, Maie**; **Lass, Jaanus**; **Hinrikus, Hiie** Journal of occupational and environmental medicine 2019 / p. 605-609 https://doi.org/10.1097/JOM.0000000000001622 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessment of paleo-recharge under the Fennoscandian Ice Sheet and its impact on regional groundwater flow in the northern Baltic Artesian Basin using numerical model
Sterckx, Arnaud; Lemieux, Jean-Michel; **Vaikmäe, Rein** Hydrogeology journal 2018 / p. 2793−2810 : ill https://doi.org/10.1007/s10040-018-1838-7 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessment of power system asset dispatch under different local energy community business models
Korõtko, Tarmo; **Plaum, Freddy**; **Häring, Tobias**; Mutule, Anna; Lazdins, Roberts; Borščevskis, Olegs; **Rosin, Argo**; Carroll, Paula Energies 2023 / art. 3476 https://doi.org/10.3390/en16083476 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessment of retrofit measures for industrial halls: energy efficiency and renovation budget estimation
Simson, Raimo; **Fadejev, Jevgeni**; **Kurnitski, Jarek**; Kesti, Jyrki; Lautso, Petteri Energy procedia 2016 / p. 124-133 : ill https://doi.org/10.1016/j.egypro.2016.09.114 Conference Proceedings at Scopus Article at Scopus Article at WOS

Assessment of SARS-CoV-2 transmission in room with mixing ventilationusing CO2 tracer gas technique
Simson, Raimo; **Kiil, Martin**; **Võsa, Karl-Villem**; **Kesküll, Andre**; **Kurnitski, Jarek** Healthy Buildings America 2021, Honolulu, Hawaii, USA, January 18-20, 2022 : virtual format 2022 / 2 p. : ill https://hb2021-america.exordo.com/files/papers/397/final_draft/HB2021_SARS-CoV-2_infection_risk.pdf

The assessment of soil quality in contrasting land-use and tillage systems on farm fields with stagnic luvisol soil in Estonia
Sutri, Merit; Shanskiy, Merrit; **Ivask, Mari**; **Reintam, Endla** Agriculture 2022 / art. 2149 https://doi.org/10.3390/agriculture12122149 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessment of soluble skin surface protein levels for monitoring psoriasis vulgaris in adult psoriasis patients using non-invasive transdermal analysis patch: A pilot study
Orro, Kadri; Salk, Kristiina; Abram, Kristi; Arshavskaja, Jelena; Meikas, Anne; Karelson, Maire; Neuman, Toomas; Kingo, Külli; Spee, Pieter Frontiers in medicine 2023 / art. 1072160, 8 p. : ill https://doi.org/10.3389/fmed.2023.1072160 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessment of spoilage microbial communities in modified atmosphere-packed ready-to-eat salad during cold storage : A comparative study using MALDI-TOF MS identification and PacBio full-length 16S rRNA and ITS sequencing
Asadi, Atefeh; **Angerjas, Anna**; **Paalme, Viiu**; **Huseynli, Lachinkhanim**; **Sarand, Inga** International Journal of Food Microbiology

2025 / art. 111268 https://doi.org/10.1016/j.ijfoodmicro.2025.111268

Assessment of strength and stiffness properties of aged structural timber
Kauniste, Maarja; **Just, Alar**; **Tuhkanen, Eero** 5th International Conference Forum Wood Building Baltic : 26-28 February 2024, Tallinn, Estonia : proceedings 2024 / p. 170-171 : ill https://digikogu.taltech.ee/et/Item/22318c67-e0ef-42f1-88c7-34c9d9677b17 https://www.ester.ee/record=b5668645*est

Assessment of the applicability of the Pay As You Throw system into current waste management in Estonia
Voronova, Viktoria; **Piirimäe, Kristjan**; **Virve, Mailis** Management of environmental quality : an international journal 2013 / p. 667-681 : ill https://doi.org/10.1108/MEQ-09-2012-0061 Journal metrics at Scopus Article at Scopus

Assessment of the development limitations for wave energy utilization in the Baltic Sea
Vidjajev, Nikon; **Palu, Riina**; **Terentjev, Jan**; **Hilmola, Olli-Pekka Kristian**; **Alari, Victor** Sustainability 2022 / art. 2832 https://doi.org/10.3390/su14052832 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessment of the economic regulation of network industries : oil shale value chain in Estonia
Uukkivi, Raigo; **Koppel, Ott** Oil shale 2020 / p. 158-176 : ill https://doi.org/10.3176/oil.2020.2.05 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessment of the eID ecosystem as a part of the state's critical infrastructure : the case of Estonia
Bejussova, Karolina; **Lips, Silvia**; **Ahmed, Rozha Kamal**; **Draheim, Dirk** Electronic Government and the Information Systems Perspective : 13th International Conference, EGOVIS 2024, Naples, Italy, August 26–28, 2024, Proceedings 2024 / p. 88 - 102 https://doi.org/10.1007/978-3-031-68211-7_8 Conference Proceedings at Scopus Article at Scopus Conference Proceedings at WOS Article at WOS

Assessment of the hazard of nine (doped) lanthanides-based ceramic oxides to four aquatic species
Blinova, Irina; Vija, Heiki; Lukjanova, Aljona; **Muna, Marge**; Syvertsen-Wiig, Guttorm; Kahru, Anne Science of the total environment 2018 / p. 1171-1176 : ill https://doi.org/10.1016/j.scitotenv.2017.08.274 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessment of the potential of reconstruction of historic buildings
Liiva, Elina; Rummo, Helena; Ambrozevits, Kateriin; Ojari, Andres; **Kalamees, Targo**; **Lomp, Siim** 5th International Conference Forum Wood Building Baltic : 26-28 February 2024, Tallinn, Estonia : proceedings 2024 / p. 208-209 https://digikogu.taltech.ee/et/Item/22318c67-e0ef-42f1-88c7-34c9d9677b17 https://www.ester.ee/record=b5668645*est

Assessment of the precision of data collected about the traffic accidents with property damage only in claim handling process by insurance companies
Ernits, Erik; **Antov, Dago**; **Kott, Anton** Transport 2014 / p. 160-166 : ill https://doi.org/10.3846/16484142.2014.914571 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessment of the proportion of anthropogenic underwater noise levels in passiveacoustic monitoring
Mustonen, Mirko; **Klauson, Aleksander**; **Berdnikova, Julia**; **Tommingas, Mihkel** Proceedings of Meetings on Acoustics 2018 / art. 070003, 10 p.: ill https://doi.org/10.1121/2.0000939

Assessment of the reliability of hardfacings for soil rippers
Jankauskas, Vytenis; Katinas, Egidijus; Varnauskas, Valentinas; Katinas, A.; **Antonov, Maksim** Journal of friction and wear 2015 / p. 89-95 : ill https://doi.org/10.3103/S106836661501016X Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessment of the renovation need, material authenticity, and the cultural and environmental value of historic apartment building neighbourhoods
Liiva, Elina; Rummo, Helena; Ambrozevits, Kateriin; Ojari, Andres; **Lomp, Siim**; **Kalamees, Targo** Journal of sustainable architecture and civil engineering 2024 / p. 53-67 https://doi.org/10.5755/j01.sace.35.2.35747 Journal metrics at Scopus Article at Scopus

Assessment of the toxic effects of mixtures of three lanthanides (Ce, Gd, Lu) to aquatic biota
Romero-Freire, A.; Joonas, E.; **Muna, Marge**; Cossu-Leguille, C.; Vignati, D.A.L.; **Giamberini, L.** Science of the total environment 2019 / p. 276-284 : ill https://doi.org/10.1016/j.scitotenv.2019.01.155 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessment of the use of artificial intelligence to support public services : methodology and roadmap
Veenstra, Anne Fleur van; Bodea, Gabriela; Timan, Tjerk; Misuraca, Gianluca; **Noordt, Colin Pascal van** EGOV-CeDEM-ePart-* 2020 : Ongoing Research, Practitioners, Posters, Workshops, and Projects at EGOV-CeDEM-ePart 2020 2020 / p. 359 - 361 https://ceur-ws.org/Vol-2797/paper37.pdf Conference Proceedings at Scopus Article at Scopus

Assessment of tribological performance of 3D printed macro features on the metallic surface
Antonov, Maksim; **Pohlak, Meelis**; **Ivanov, Roman**; **Kariminejad, Arash**; **Hussainova, Irina** Wear 2026 / art. 206398

https://doi.org/10.1016/j.wear.2025.206398

Assessment on strength and stiffness properties of aged structural timber
Kauniste, Maarja; **Just, Alar**; **Tuhkanen, Eero**; **Kalamees, Targo** Journal of sustainable architecture and civil engineering 2024 / p. 62-74 https://doi.org/10.5755/j01.sace.34.1.35534 Journal metrics at Scopus Article at Scopus

Assignment of a synthetic population for activity-based modeling employing publicly available data
Agriesti, Serio Angelo Maria; Roncoli, Claudio; Nahmias-Biran, Bat-Hen ISPRS International Journal of Geo-Information 2022 / Art. 148 https://doi.org/10.3390/ijgi11020148 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Associated factors of the satisfaction with a virtual assistant
Alles, Mait; **Karu, Reijo**; Maasik, Mikk AI IN BUSINESS : proceedings of the scientific workshop on business implications of artificial intelligence, June 7, 2022 2022 / p. 40-42 : ill https://www.ester.ee/record=b5506022*est https://digikogu.taltech.ee/et/Item/2096bada-661d-4928-99a7-bfbce51825d8

Association between chemical mixtures and female fertility in women undergoing assisted reproduction in Sweden and Estonia
Bellavia, Andrea; Zou, Runyu; Bjorvang, Richelle D.; **Roos, Kristine**; Sjunnesson, Ylva; Hallberg, Ida; Vermeulen, Roel; Salumets, Andres; **Velthut-Meikas, Agne**; Damdimopoulou, Pauliina Environmental research 2023 / art. 114447, 14 p. : ill https://doi.org/10.1016/j.envres.2022.114447 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Association between genetic proxies for neuroticism and labour market outcomes
Hazak, Aaro; Liuhanen, J.; Kantojärvi, K.; Sulkava, S.; Jääskeläinen, T.; Salomaa, V.; Koskinen, S.; Perola, M.; Paunio, T. European Psychiatry 2025 / p. S97 https://doi.org/10.1192/j.eurpsy.2025.297

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

Association between renal function and troponin T over time in stable chronic kidney disease patients
Chesnaye, Nicholas C.; Szummer, Karolina; Bárány, Peter; Heimbürger, Olof; Magin, Hasan; Almquist, Tora; **Uhlin, Nils Fredrik Arne** Journal of the American heart association 2019 / art. e013091, 18 p. : ill https://doi.org/10.1161/JAHA.119.013091 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Association of amyloid-β CSF/PET discordance and tau load 5 years later
Reimand, Juhan; Collij, Lyduine E.; Scheltens, Philip Neurology 2020 / p. e2648-e2657 : ill https://doi.org/10.1212/WNL.0000000000010739 https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7963352/ Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Association of BMI, lipid-lowering medication, and age with prevalence of type 2 diabetes in adults with heterozygous familial hypercholesterolaemia: a worldwide cross-sectional study
Elshorbagy, Amany; Lyons, Alexander R.M.; Vallejo-Vaz, Antonio J.; Stevens, Christophe A.T.; Dharmayat, Kanika Inamdar; Brandts, Julia; Catapano, Alberico L.; Freiberger, Tomas; Hovingh, Gerard Kees Kornelis; **Viigimaa, Margus** The Lancet Diabetes and Endocrinology 2024 / p. 811-823 https://doi.org/10.1016/S2213-8587(24)00221-3 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Association of Longitudinal High-Sensitivity Troponin T with mortality in patients with chronic kidney disease
Chesnaye, Nicholas C.; Al-Sodany, Ehab; Szummer, Karolina; Barany, Peter; Heimbürger, Olof; Almquist, Tora; **Melander, Stefan**; **Uhlin, Nils Fredrik Arne**; Dekker, Friedo; Wanner, Christoph; Jager, Kitty J.; Evans, Marie Journal of the American College of Cardiology 2022 / p. 327-336 : ill https://doi.org/10.1016/j.jacc.2021.11.023 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Association of risk factors for progression of nephropathy in type 2 diabetic patients
Demikhova, Nadiia; Chrenatska, Olha; Demikhov, Andrii; **Salmistu, Sirle**; Merisalu, Eda Atherosclerosis 2024 / art. 117937 ; abstr. P310 https://doi.org/10.1016/j.atherosclerosis.2024.117937

Association of Southeast Asian Nations (ASEAN)
Valuch, Josef; **Hamulak, Ondrej** International conflict and security law : a research handbook 2022 / p. 595-608 https://doi.org/10.1007/978-94-6265-515-7_27

Association of the cystatin C/creatinine ratio with the renally cleared hormones parathyroid hormone (PTH) and brain natriuretic peptide (BNP) in primary care patients : a cross-sectional study
Risch, Martin; Risch, Lorenz; **Purde, Mette**; Renz, Harald; Ambühl, Patrice; Szucs, Thomas; Tomonaga, Yuki Scandinavian Journal of Clinical and Laboratory Investigation 2016 / p. 379 - 385 https://doi.org/10.1080/00365513.2016.1183262 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assumptions to road pavement testing by non-destructive means
Janulevičius, Justinas; Čygas, Donatas; Giniotis, Vytautas; **Aavik, Andrus** The Baltic journal of road and bridge engineering 2013 / p. 227-231 : ill https://doi.org/10.3846/bjrbe.2013.29 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

ASTM D86 distillation in the context of average boiling points as thermodynamic property of narrow boiling range oil fractions
Rannaveski, Rivo; **Listak, Madis**; **Oja, Vahur** Oil shale 2018 / p. 254-264 : ill https://doi.org/10.3176/oil.2018.3.05 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Asymmetric aminocatalytic Michael addition of cyclopropane-containing aldehydes to nitroalkenes
Reitel, Kärt; **Lippur, Kristin**; **Järving, Ivar**; **Kudrjašova, Marina**; **Lopp, Margus**; **Kanger, Tõnis** Synthesis 2013 / p. 2679-2683 : ill https://doi.org/10.1055/s-0033-1338704 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Asymmetric attention and volatility asymmetry
Dzielinski, Michal; Rieger, Marc Oliver; **Talpsepp, Tõnn** Journal of empirical finance 2018 / p. 59-67 : ill https://doi.org/10.1016/j.jempfin.2017.09.010 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Asymmetric Biginelli-like reaction catalyzed by chiral TADDOL-derived phosphoric acid bearing two hydroxyl groups
Guo, Jianxin; Zhang, Rui; Yin, Zhongyou; Hu, Xiaoyun; **Borovkov, Victor** The 23rd International Electronic Conference on Synthetic Organic Chemistry15 nov 2019 - 15 dec 2019 2019 / 8 p. : ill https://doi.org/10.3390/ecsoc-23-06647

Asymmetric chemoenzymatic one-pot synthesis of α-Hydroxy half-esters
Murre, Aleksandra; **Erkman, Kristin**; **Järving, Ivar**; **Kanger, Tõnis** ACS Omega 2021 / p. 20686-20698 : ill https://doi.org/10.1021/acsomega.1c02973 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Asymmetric cyclopropanation via an electro-organocatalytic cascade
Krech, Anastasiya; **Laktsevich-Iskryk, Marharyta**; **Deil, Nora**; **Fokin, Mihhail**; **Kimm, Mariliis**; **Ošeka, Maksim** Chemical communications 2024 / 14026-14029 https://doi.org/10.1039/D4CC05092D Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Asymmetric diastereoselective synthesis of spirocyclopropane derivatives of oxindole
Ošeka, Maksim; **Noole, Artur**; **Žari, Sergei**; **Öeren, Mario**; **Järving, Ivar**; **Lopp, Margus**; **Kanger, Tõnis** European journal of organic chemistry 2014 / p. 3599-3606 : ill https://doi.org/10.1002/ejoc.201402061 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Asymmetric exchange rate exposure of stock returns : empirical evidence from Chinese industries
Cuestas, Juan Carlos; Tang, Bo Studies in nonlinear dynamics & econometrics 2017 / art. 20160042, p. 1-21 : ill https://doi.org/10.1515/snde-2016-0042 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Asymmetric Kulinkovich hydroxycyclopropanation of alkenes mediated by titanium(IV) TADDOLate complexes
Iskryk, Marharyta; **Barysevich, Maryia**; **Ošeka, Maksim**; Adamson, Jasper; **Kananovich, Dzmitry** Synthesis 2019 / p. 1935-1948 : ill https://doi.org/10.1055/s-0037-1611709 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Asymmetric NDI electron transporting SAM materials for application in photovoltaic devices
Svirskaite, Lauryna Monika; **Mandati, Sreekanth**; **Spalatu, Nicolae**; Malinauskiene, Vida; Karazhanov, Smagul; Getautis, Vytautas; Malinauskas, Tadas Synthetic metals 2022 / art. 117214 https://doi.org/10.1016/j.synthmet.2022.117214 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Asymmetric organocatalytic [2,3]-Wittig rearrangement of cyclohexanone derivatives
Kimm, Mariliis; **Ošeka, Maksim**; **Kanger, Tõnis** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 41 https://fmtdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Asymmetric organocatalytic [2,3]-Wittig rearrangement of cyclohexanone derivatives
Kimm, Mariliis; **Järving, Ivar**; **Ošeka, Maksim**; **Kanger, Tõnis** European journal of organic chemistry 2021 / p. 3113−3120 : ill https://doi.org/10.1002/ejoc.202100435 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Asymmetric organocatalytic aza-Michael reactions of isatin derivatives
Žari, Sergei; **Metsala, Andrus**; **Kudrjašova, Marina**; **Kaabel, Sandra**; **Järving, Ivar**; **Kanger, Tõnis** Synthesis 2015 / p. 875-886 : ill https://doi.org/10.1055/s-0034-1379956 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Asymmetric organocatalytic cascade synthesis of tetrahydrofuranyl spirooxindoles
Trubitsõn, Dmitri; **Žari, Sergei**; **Kaabel, Sandra**; **Kudrjašova, Marina**; **Kriis, Kadri**; **Järving, Ivar**; Pehk, Tõnis; **Kanger, Tõnis** Synthesis 2018 / p. 314-322 : ill https://doi.org/10.1055/s-0036-1590918 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Asymmetric organocatalytic Michael addition of cyclopentane-1,2-dione to alkylidene oxindole
Silm, Estelle; **Järving, Ivar**; **Kanger, Tõnis** Beilstein Journal of Organic Chemistry 2022 / p. 167-173 https://doi.org/10.3762/bjoc.18.18 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Asymmetric organocatalytic Michael addition–cyclisation cascade of cyclopentane-1,2-dione with alkylidene malononitriles
Silm, Estelle; **Kaabel, Sandra**; **Järving, Ivar**; **Kanger, Tõnis** Synthesis 2019 / p. 4198-4204 https://doi.org/10.1055/s-0039-1690484 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Asymmetric organocatalytic Michael Addition-cyclization cascade of cyclopentane-1,2-dione with substituted α,β-unsaturated aldehydes
Preegel, Gert; **Silm, Estelle**; **Kaabel, Sandra**; **Järving, Ivar**; Rissanen, Kari; **Lopp, Margus** Synthesis 2017 / p. 3118-3125 : ill https://doi.org/10.1055/s-0036-1588787 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Asymmetric Organocatalytic Reactions of Cyclopentane-1,2-dione = Tsüklopentaan-1,2-diooni asümmeetrilised organokatalüütilised reaktsioonid
Silm, Estelle 2022 https://doi.org/10.23658/taltech.23/2022 https://digikogu.taltech.ee/et/Item/106a2384-0619-453b-bd4d-4a6e6d237368 https://www.ester.ee/record=b5499810*est

Asymmetric organocatalytic synthesis of spiro-cyclopropaneoxindoles
Noole, Artur; Malkov, Andrei; **Kanger, Tõnis** Synthesis 2013 / p. 2520-2524 : ill https://doi.org/10.1055/s-0033-1338505 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Asymmetric organocatalytic wittig [2,3]-rearrangement of oxindoles
Ošeka, Maksim; **Kimm, Mariliis**; **Kaabel, Sandra**; **Järving, Ivar**; Rissanen, Kari; **Kanger, Tõnis** Organic letters 2016 / p. 1358-1361 : ill https://doi.org/10.1021/acs.orglett.6b00291 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Asymmetric synthesis of 2,3,4-trisubstituted piperidines
Kriis, Kadri; **Melnik, Triin**; **Lips, Kristiina**; **Juhanson, Ilona**; **Kaabel, Sandra**; **Järving, Ivar**; **Kanger, Tõnis** Synthesis 2017 / p. 604-614 : ill https://doi.org/10.1055/s-0036-1588299 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Asymmetric synthesis of congested spiro-cyclopentaneoxindoles via an organocatalytic cascade reaction
Noole, Artur; **Ilmarinen, Kaja**; **Järving, Ivar**; **Lopp, Margus**; **Kanger, Tõnis** Journal of organic chemistry 2013 / p. 8117-8122 : ill https://doi.org/10.1021/jo4008223 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Asymmetric synthesis of tertiary 2-substituted 5-oxotetrahyrofuran-2-carboxylic acids
Paju, Anne; **Oja, Karolin**; **Matkevitš, Katharina**; **Lumi, Priit**; **Järving, Ivar**; **Pehk, Tõnis**; **Lopp, Margus** Heterocycles 2014 / p. 981-995 : ill https://doi.org/10.3987/COM-13-S(S)28 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Asymmetric synthesis of the 2,2,3-trisubstituted cyclopentanone, D-ring fragment of 9,11-secosterols
Kõllo, Marek; **Aav, Riina**; **Tamp, Sven**; Jarvet, Jüri; **Lopp, Margus** Tetrahedron 2014 / p. 6723-6727 : ill https://doi.org/10.1016/j.tet.2014.07.079 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Asymmetric synthesis with titanacyclopropane reagents : From early results to the recent achievements
Konik, Yulia A.; **Kananovich, Dzmitry** Tetrahedron letters 2020 / art. 152036, 12 p. : ill https://doi.org/10.1016/j.tetlet.2020.152036 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Aza-Michael reactions of isatin imines : deeper insight and origin of the stereoselectivity
Metsala, Andrus; **Žari, Sergei**; **Kanger, Tõnis** ChemCatChem 2016 / p. 2961-2967 : ill https://doi.org/10.1002/cctc.201600584 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Azimuthing propulsion in ice management
Hänninen, Samuli; **Kujala, Pentti Jouko Sakari**; Määttänen, Pirjo; Heideman, Torsten; Korsström, Andrei; Viheriälehto, Sampo; Koponen, Jorma Proceedings of the International Conference on Offshore Mechanics and Arctic Engineering - OMAE 2024 ; Vol. 6 2024 / art. OMAE2024-127102, V006T07A016 ; 10 pages https://doi.org/10.1115/OMAE2024-127102 Conference proceedings at Scopus Article at Scopus

At the crossroads of product complexity, market demand, and machine learning
Kalvet, Tarmo; **Tiits, Marek**; **Ounoughi, Chahinez**; **Ben Sassi, Imen**; **Ben Yahia, Sadok** Management & marketing 2024

At the Dawn of a New Era of Sanctions: Russian-Ukrainian Crisis and Sanctions
Veebel, Viljar; **Markus, Raul** Orbis 2016 / p. 128 - 139 https://doi.org/10.1016/j.orbis.2015.12.001 Journal metrics at Scopus Article at Scopus

At the turning point of the current techno-economic paradigm : commons-based peer production, desktop manufacturing and the role of civil society in the Perezian framework

Kostakis, Vasileios TripleC 2013 / p. 173-190 https://doi.org/10.31269/triplec.v11i1.463 Journal metrics at Scopus Article at Scopus

Atmospheric forcing controlling inter-annual nutrient dynamics in the open Gulf of Finland
Lehtoranta, Jouni; Savchuk, Oleg P.; **Elken, Jüri** Journal of marine systems 2017 / p. 4-20 : ill https://doi.org/10.1016/j.jmarsys.2017.02.001 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Atomic layer deposition of aluminaon g-Al2O3 nanofibres
Jõgiaas, Taivo; Arroval, Tõnis; **Kollo, Lauri**; **Hussainova, Irina** Physica status solidi (a) : applications and materials science 2014 / p. 403-408 : ill https://doi.org/10.1002/pssa.201330083 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Atomic layer deposition of high-k dielectrics on carbon nanoparticles
Tamm, Aile; **Koel, Mihkel**; **Peikolainen, Anna-Liisa** Thin solid films 2013 / p. 16-20 : ill https://doi.org/10.1016/j.tsf.2012.09.071 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Atomic layer deposition of titanium oxide films on As-synthesized magnetic Ni particles: magnetic and safety properties
Uudeküll, Peep; Kozlova, Jekaterina; Mändar, Hugo; Link, Joosep; Sihtmäe, Mariliis; **Käosaar, Sandra**; Blinova, Irina; Kasemets, Kaja; Kahru, Anne; Stern, Raivo Journal of magnetism and magnetic materials 2017 / p. 299-304 : ill https://doi.org/10.1016/j.jmmm.2017.01.045 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Atomic structure and dynamics of unusual and wide-gap phase-change chalcogenides : a GeTe2 case
Usuki, Takeshi; Benmore, Chris J.; Tverjanovich, Andrey; **Bereznev, Sergei**; Khomenko, Maxim; Sokolov, Anton; Fontanari, Daniele; Ohara, Koji; Bokova, Maria; Kassem, Mohammad; Bychkov, Eugene Physica status solidi - rapid research letters 2024 / art. 2300482 https://doi.org/10.1002/pssr.202300482 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Atomic structure, dynamics, changes in chemical bonding and semiconductor-metal transition in Sb2Se3 : A remarkable material for quantum networks and energy applications
Kassem, Mohammad; Benmore, Chris J.; Tverjanovich, Andrey; Bokova, Maria; Khomenko, Maxim; Usuki, Takeshi; Sokolov, Anton; Fontanari, Daniele; **Bereznev, Sergei**; Ohara, Koji ACS applied materials & interfaces 2025 / p. 17075-17095 https://doi.org/10.1021/acsami.5c00008

ATP7A-dependent copper sequestration contributes to termination of β-CATENIN signaling during early adipogenesis
Yang, Haojun; **Kabin, Ekaterina**; Dong, Yixuan; Zhang, X.; Ralle, Martina; Lutsenko, Svetlana Molecular metabolism 2024 / art. 101872, 12 p. : ill https://doi.org/10.1016/j.molmet.2024.101872 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

At-speed testing of inter-die connections of 3D-SICs in the presence of shore logic
Shibin, Konstantin; Chickermane, Vivek; Keller, Brion; Papameletis, Christos; Marinissen, Erik Jan 2015 Asian Test Symposium : ATS 2015 : 22-25 November 2015, Mumbai, Maharashtra, India : proceedings 2015 / p. 79-84 : ill https://doi.org/10.1109/ATS.2015.21 Conference proceedings at Scopus Article at Scopus Article at WOS

Attacker profiling in quantitative security assessment based on attack trees
Lenin, Aleksandr; Willemson, Jan; **Sari, Dyan Permata** Secure IT Systems : 19th Nordic Conference, NordSec 2014, Tromsø, Norway, October 15–17, 2014, Proceedings 2014 https://doi.org/10.1007/978-3-319-11599-3_12 Article collection metrics at Scopus Article at Scopus

Attendance check of students via robot assistant in higher education classes
Budagov, Fuad; **Leoste, Janika**; **Meeran, Mohammad Tariq**; **Robal, Tarmo**; **Leoste, Leo Benjamin** Futureproofing Engineering Education for Global Responsibility : Proceedings of the 27th International Conference on Interactive Collaborative Learning (ICL 2024) ; vol. 1 2025 / p. 305-316 https://doi.org/10.1007/978-3-031-85652-5_31

Attitude towards using Fintech services : digital immigrants versus digital natives
Koroleva, Ekaterina International Journal of Innovation and Technology Management 2022 / art. 2250029 https://doi.org/10.1142/S0219877022500298

Attribute evaluation on attack trees with incomplete information
Buldas, Ahto; Gadyatskaya, Olga; **Lenin, Aleksandr**; **Mauw, Sjouke**; **Trujillo-Rasua, Roland** Computers & Security 2020 / art. 101630, 17 p. : ill https://doi.org/10.1016/j.cose.2019.101630 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Attribute-based encryption for named data networking
Lenin, Aleksandr; Laud, Peeter ICN '21 : Proceedings of the 8th ACM Conference on Information-Centric Networking 2021 / p. 118–120 https://doi.org/10.1145/3460417.3483371

Attribution of alterations in coastal processes in the southern and eastern Baltic Sea to climate change-driven modifications of coastal drivers

Eelsalu, Maris; **Soomere, Tarmo**; **Parnell, Kevin Ellis**; Viška, Maija Oceanologia 2025 / art. 67103 https://doi.org/10.5697/LXTZ5389

Attribution of coastline changes in the southern and eastern Baltic Sea toclimate change driven modifications of main coastal drivers
Eelsalu, Maris; **Soomere, Tarmo**; **Parnell, Kevin Ellis**; Viška, Maija 4th Baltic Earth Conference Assessing the Baltic Sea Earth System : Jastarnia, Hel Peninsula, Poland, 30 May to 3 June 2022 : Conference Proceedings 2022 / p. 96-97 https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/baltic_earth/4bec_proceedings_web.pdf

Atypical phase-change alloy Ga2Te3 : atomic structure, incipient nanotectonic nuclei, multilevel writing
Tverjanovich, Andrey; Khomenko, Maksym; Benmore, Chris; **Bereznev, Sergei**; Sokolov, Anton; Fontanari, Daniele; Kiselev, Aleksei; Lotin, Andrey; Bychkov, Eugene Journal of materials chemistry C 2021 / p. 17019-17032 https://doi.org/10.1039/d1tc03850h Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Au/Ga2O3/ZnO heterostructure nanorods arrays for effective photoelectrochemical water splitting
Abdalla, Akram; Khan, Ibrahim; Sohail, Manzar; Qurash, Ansanulhaq Solar energy 2019 / p. 333-338 : ill https://doi.org/10.1016/j.solener.2019.01.065 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Audiovisual emotion recognition in wild
Avots, Egils; Sapinski, Tomasz; **Bachmann, Maie**; Kaminska, Dorota Machine Vision and Applications 2019 / p. 975–985 : ill https://doi.org/10.1007/s00138-018-0960-9 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Auf der Suche nach der eigenen Alma Mater : Ingenieure und Architekten aus Estland, die vor dem Zweiten Weltkrieg an Technischen Universitäten Europas studiert haben
Pullat, Raimo; **Liibek, Tõnis** 2022 https://doi.org/10.5445/KSP/1000148222 https://library.oapen.org/handle/20.500.12657/60292 https://www.ester.ee/record=b5554284*est

Augmented reality based on Apollo lunar imagery : searching for stars and adding virtual objects
Pustõnski, Vladislav-Veniamin Presence : virtual and augmented reality 2022 / p. 203-227 https://doi.org/10.1162/pres_a_00393 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Augmented reality interface for industrial robot control and teleoperation
Ordile, Laura; **Bondarenko, Yevhen**; **Pizzagalli, Simone Luca**; **Kuts, Vladimir**; **Otto, Tauno** EuroXR 2021: Proceedings of the Virtual EuroXR Conference 2021 / p. 15-19 https://sarjaweb.vtt.fi/pdf/technology/2021/T395.pdf https://doi.org/10.32040/2242-122X.2021.T395

Ausblick : Quo vadis Ethohydraulik – welche Entwicklungen gibt es?
Lehmann, Boris; Bensing, Katharina; Adam, Beate; Schwevers, Ulrich; **Tuhtan, Jeffrey Andrew** Ethohydraulik : Eine Methode für naturverträglichen Wasserbau 2021 / S. 45-59 https://doi.org/10.1007/978-3-658-32824-5_4

Austerity and budget execution : control versus flexibility
Raudla, Ringa; **Douglas, James W.** Journal of public budgeting accounting & financial management 2022 / p. 292-309 https://doi.org/10.1108/JPBAFM-01-2021-0018 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Austerity and the use of performance information in the budget process
Raudla, Ringa; **Bur, Sebastian** Public money and management 2023 / p. 627-634 https://doi.org/10.1080/09540962.2021.2020976 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Austerity in the Baltic states during the global financial crisis
Staehr, Karsten Intereconomics 2013 / p. 293-302 https://doi.org/10.1007/s10272-013-0472-9 Journal metrics at Scopus Article at Scopus

Authentication using shared knowledge : learning agents
Kimlaychuk, Vadim Intelligent autonomous systems 12. Vol. 2, Proceedings of the 12th International Conference IAS-12, held June 26-29, 2012 : Jeju Island, Korea 2013 / p. 523-531 : ill https://doi.org/10.1007/978-3-642-33932-5_48 Conference Proceedings at Scopus Article at Scopus

Authigenesis of biomorphic apatite particles from Benguela upwelling zone sediments off Namibia: The role of organic matter in sedimentary apatite nucleation and growth
Mänd, Kaarel; Kirsimäe, Kalle; **Lepland, Aivo**; Lumiste, Kaarel Geobiology 2018 / p. 640-658 : ill https://doi.org/10.1111/gbi.12309 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Author Correction : DOME : recommendations for supervised machine learning validation in biology
Walsh, Ian; Fishman, Dmytro; Garcia-Gasulla, Dario; **Titma, Tiina**; Pollastri, Gianluca Nature methods 2021 / p. 1409–1410 : ill https://doi.org/10.1038/s41592-021-01304-2 Journal metrics at Scopus Article at Scopus

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

(Scientific Data, (2020), 7, 1, (6), 10.1038/s41597-019-0344-7)
Jeliazkov, Alienor; Mijatovic, Darko; Chantepie, Stéphane; Andrew, Nigel; Arlettaz, Raphaël; Barbaro, Luc; Barsoum, Nadia; Bartonova, Alena; **Reitalu, Triin** Scientific Data 2020 / Art. 79 https://doi.org/10.1038/s41597-020-0420-z Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Author Correction: Retrospective evaluation of whole exome and genome mutation calls in 746 cancer samples (Nature Communications, (2020), 11, 1, (4748), 10.1038/s41467-020-18151-y)
Bailey, Matthew H.; Meyerson, William U.; Dursi, Lewis Jonathan; Wang, Liang-Bo; Dong, Guanlan; Liang, Wen-Wei; Weerasinghe, Amila; Li, Shantao; Li, Yize; **Uusküla-Reimand, Liis** Nature Communications 2020 / Art. nr. 6232 https://doi.org/10.1038/s41467-020-20128-w Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Author Correction: SciPy 1.0 : fundamental algorithms for scientific computing in Python (Nature Methods, (2020), 17, 3, (261-272), 10.1038/s41592-019-0686-2)
Virtanen, Pauli; Gommers, Ralf; Oliphant, Travis E.; Haberland, Matt; Reddy, Tyler; Cournapeau, David; Burovski, Evgeni; **Peterson, Pearu**; Weckesser, Warren; Bright, Jonathan Nature Methods 2020 / p. 352 https://doi.org/10.1038/s41592-020-0772-5 Journal metrics at Scopus Article at Scopus Journal metrics at WOS

Auto-generation of smart contracts from a domain-specific XML-based language
Dwivedi, Vimal Kumar; **Norta, Alexander** Intelligent Data Engineering and Analytics 2022 / p. 549-564 https://doi.org/10.1007/978-981-16-6624-7_54 Conference proceedings at Scopus Article at Scopus

Automata and coalgebras in sategories of Species
Loregian, Fosco Coalgebraic Methods in Computer Science : 17th IFIP WG 1.3 International Workshop, CMCS 2024, Colocated with ETAPS 2024, Luxembourg City, Luxembourg, April 6–7, 2024, Proceedings 2024 / p. 65-92 https://doi.org/10.1007/978-3-031-66438-0_4 Conference Proceedings at Scopus Article at Scopus Conference Proceedings at WOS Article at WOS

An automated configuration framework for TSN networks
Houtan, Bahar; Bergström, Albert; Ashjaei, Mohammad; **Daneshtalab, Masoud**; Sjödin, Mikael; Mubeen, Saad 2021 22nd IEEE International Conference on Industrial Technology (ICIT) : proceedings 2021 / p. 771-778 https://doi.org/10.1109/ICIT46573.2021.9453628

Automated decision-making in Estonian public sector : innovation, regulation, and challenges about non-dicrimination
Kerikmäe, Tanel; **Joamets, Kristi**; **Metin, Ebru** European digital regulation and its impact on member-states 2025

Automated decision-making in the EU member state's public administration : the compliance of automated decisions of the Estonian unemployment insurance fund with Estonian administrative procedure law
Zolkin, Vladlen; **Chochia, Archil**; **Hoffmann, Thomas** European Studies : The Review of European Law, Economics and Politics 2023 / p. 178-202 https://doi.org/10.2478/eustu-2023-0017 Journal metrics at Scopus Article at Scopus

Automated design error debug using high-level decision diagrams and mutation operators
Raik, Jaan; **Repinski, Urmas**; **Tšepurov, Anton**; **Hantson, Hanno**; **Ubar, Raimund-Johannes**; **Jenihhin, Maksim** Microprocessors and microsystems 2013 / p. 505-513 : ill https://doi.org/10.1016/j.micpro.2012.11.004 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Automated design error localization in RTL designs
Jenihhin, Maksim; **Tšepurov, Anton**; **Tihhomirov, Valentin**; **Raik, Jaan**; **Hantson, Hanno**; **Ubar, Raimund-Johannes**; Bartsch, Günter; Meza Escobar, Jorge Hernan; Wuttke, Heinz-Dietrich IEEE design & test of computers 2014 / p. 83-92 : ill https://doi.org/10.1109/MDAT.2013.2271420 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Automated environmental compliance monitoring of rivers with IoT and open government data
Miasayedava, Lizaveta; McBride, Keegan David Braun; **Tuhtan, Jeffrey Andrew** Journal of environmental management 2022 / art. 114283, 10 p. : ill https://doi.org/10.1016/j.jenvman.2021.114283 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Automated fault diagnosis for an autonomous underwater vehicle
Dearden, Richard; **Ernits, Juhan-Peep** IEEE journal of oceanic engineering 2013 / p. 484-499 : ill https://doi.org/10.1109/JOE.2012.2227540 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Automated identification of application-dependent safe faults in automotive systems-on-a-chips
Bagbaba, Ahmet Cagri; Augusto da Silva, Felipe; Sonza Reorda, Matteo; Hamdioui, Said; **Jenihhin, Maksim**; Sauer, Christian Electronics 2022 / art. 319 https://doi.org/10.3390/electronics11030319 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An automated method for mining high-quality assertion sets
Heidari Iman, Mohammad Reza; **Raik, Jaan**; **Jenihhin, Maksim**; **Jervan, Gert**; **Ghasempouri, Tara** Microprocessors and microsystems 2023 / art. 104773 https://doi.org/10.1016/j.micpro.2023.104773 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Automated training set size reduction for detection of small and thin objects
Pihlak, Rene; **Riid, Andri** 12th International Conference on Information Systems and Advanced Technologies "ICISAT 2022" : Intelligent Information, Data Science and Decision Support System 2023 / p. 423-433 https://doi.org/10.1007/978-3-031-25344-7_39 Conference Proceedings at Scopus Article at Scopus

Automatic calibration module for an urban drainage system model
Annus, Ivar; **Vassiljev, Anatoli**; **Kändler, Nils**; **Kaur, Katrin** Water 2021 / art. 1419 https://doi.org/10.3390/w13101419 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Automatic calibration toolbox for SWMM5
Vassiljev, Anatoli; **Suits, Kristjan**; **Kaur, Katrin**; **Kändler, Nils**; **Truu, Murel**; **Annus, Ivar** Advances in engineering software 2023 / art. 103528 https://doi.org/10.1016/j.advengsoft.2023.103528 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Automatic detection of multisize pulmonary nodules in CT images : large-scale validation of the false-positive reduction step
Gupta, Anindya; Saar, Tõnis; **Märtens, Olev**; **Le Moullec, Yannick** Medical physics 2018 / p. 1135-1149 : ill https://doi.org/10.1002/mp.12746 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Automatic detection of real and imaginary parts of electrical impedance with single synchronous demodulation channel
Annus, Paul; **Priidel, Eiko**; **Land, Raul**; **Metshein, Margus**; **Krivošei, Andrei**; **Min, Mart**; **Ratassepp, Madis**; **Märtens, Olev** 8th European Medical and Biological Engineering Conference : Proceedings of the EMBEC 2020, November 29 - December 3, 2020 Portorož, Slovenia 2021 / p. 151-157 https://doi.org/10.1007/978-3-030-64610-3_18 Conference Proceedings at Scopus Article at Scopus

Automatic distribution of local testers for testing distributed systems
Vain, Jüri; **Halling, Evelin**; **Kanter, Gert**; **Anier, Aivo**; **Pal, Deepak** Databases and information systems IX : selected papers from the twelfth International Baltic Conference, DB&IS 2016 2016 / p. 297-310 : ill https://doi.org/10.3233/978-1-61499-714-6-297 Conference Proceedings at Scopus Article at Scopus Article at WOS

Automatic generation control of a future multisource power system considering high renewables penetration and electric vehicles: Egyptian Power System in 2035
Nour, Morsy; Magdy, Gaber; Chaves-Avila, Jose Pablo; Sanchez-Miralles, Alvaro; **Petlenkov, Eduard** IEEE Access 2022 / p. 51662-51681 : ill https://doi.org/10.1109/ACCESS.2022.3174080 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Automatic NLOS classification from virtual 3D city models
Müürsepp, Ivo; **Alam, Muhammad Mahtab** 2023 Eighth International Conference on Fog and Mobile Edge Computing (FMEC) 2023 / p. 190-195 https://doi.org/10.1109/FMEC59375.2023.10306158

Automatic position detection and transmitting activation of dynamic wireless power transfer system with air capacitor
Pakhaliuk, Bohdan; **Husev, Oleksandr**; **Shevchenko, Viktor**; Kroics, Kaspars; Stepins, Deniss; Strzelecki, Ryszard Wireless Power Week (WPW) : Proceedings 2022 / p. 487-491 https://doi.org/10.1109/WPW54272.2022.9853972

Automatic speech recognition system for Lithuanian broadcast audio
Alumäe, Tanel; **Tilk, Ottokar** Human Language Technologies - the Baltic Perspective : proceedings of the Seventh International Conference, Baltic HLT 2016 2016 / p. 39-45 : tab https://doi.org/10.3233/978-1-61499-701-6-39 Conference Proceedings at Scopus Article at Scopus Article at WOS

Automatic spot preparation and image processing of paper microzone-based assays for analysis of bioactive compounds in plant extracts
Vaher, Merike; **Borissova, Maria**; Seiman, Andrus; **Aid, Tiina**; **Kolde, Helen**; **Kazarjan, Jana**; **Kaljurand, Mihkel** Food chemistry 2014 / p. 465-471 : ill https://doi.org/10.1016/j.foodchem.2013.08.007 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Automatic tolerance analysis of permanent magnet machines with encapsuled FEM Models using Digital-Twin-Distiller
Orosz, Tamas; Gadó, Krisztián; Katona, Mihály; **Rassõlkin, Anton** Processes 2021 / art. 2077, p. 1-15 : ill https://doi.org/10.3390/pr9112077 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Automatic visual traffic sign damage detection and measurement of damaged area
Ersü, Can; **Janson, Karl**; **Petlenkov, Eduard**; **Reinsalu, Uljana** 2024 18th International Conference on Control, Automation, Robotics and Vision (ICARCV) 2024 / p. 505-510 https://doi.org/10.1109/ICARCV63323.2024.10821546

Automating defences against cyber operations in computer networks = Arvutivõrkude kaitse automatiseerimine küberoperatsioonide vastu
Pihelgas, Mauno 2021 https://doi.org/10.23658/taltech.36/2021 https://www.ester.ee/record=b5449710*est https://digikogu.taltech.ee/et/Item/beb3e841-9c6e-4496-a73a-17148bc941ef

Automating detection of occurrences of postgreSQL database design problems
Eessaar, Erki Databases and Information Systems : 14th International Baltic Conference, DB&IS 2020, Tallinn, Estonia, June 16-19, 2020 : Proceedings 2020 / p. 176-189 https://doi.org/10.1007/978-3-030-57672-1_14 Conference proceeding at Scopus Article at Scopus

Automating public administration : citizens' attitudes towards automated decision-making across Estonia, Sweden, and Germany
Kaun, Anne; Larsson, Anders Olof; **Masso, Anu** Information, communication & society 2024 / p. 314-332 https://doi.org/10.1080/1369118X.2023.2205493 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Automation scenarios : citizen attitudes towards automated decision-making in the public sector
Kaun, Anne; Larsson, Anders Olof; **Masso, Anu** Information, Communication and Society 2024 / 18 p https://doi.org/10.1080/1369118X.2024.2375261

Automation within a Novel Platform for the European Small Claims Procedure
Veersalu, Karine; **Hoffmann, Thomas** TalTech journal of European studies 2023 / p. 152-176 https://doi.org/10.2478/bjes-2023-0019 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Automatization of cross-border customs declaration : potential and challenges : a case study of the Estonian customs authority
Liutkevičius, Markko; **Pappel, Karl Ivory**; **Butt, Sidra Azmat**; **Pappel, Ingrid** Electronic Government : 19th IFIP WG 8.5 International Conference, EGOV 2020, Linköping, Sweden, August 31 - September 2, 2020 : proceedings 2020 / p. 96-109 https://doi.org/10.1007/978-3-030-57599-1_8 Conference proceedings at Scopus Article at Scopus Conference proceedings at WOS Article at WOS

Autonomous driving in the real-world : the weather challenge in the Sohjoa Baltic Project
Bellone, Mauro; Ismailogullari, Azat; **Müür, Jaanus**; Nissin, Oscar; **Sell, Raivo**; **Soe, Ralf-Martin** Towards connected and autonomous vehicle highways : technical, security and social challenges 2021 / p. 229–255 https://doi.org/10.1007/978-3-030-66042-0_9 Article collection metrics at Scopus Article at Scopus

Autonomous driving validation and verification using digital twins
Pikner, Heiko; **Malayjerdi, Mohsen**; **Bellone, Mauro**; **Baykara, Baris Cem**; **Sell, Raivo** Proceedings of the 10th International Conference on Vehicle Technology and Intelligent Transport Systems - VEHITS ; Vol. 1 2024 / p. 204-211 https://doi.org/10.5220/0012546400003702 Conference Proceeding at Scopus Article at Scopus

Autonomous last mile shuttle ISEAUTO for education and research
Sell, Raivo; **Leier, Mairo**; **Rassõlkin, Anton**; **Ernits, Juhan-Peep** International journal of artificial intelligence and machine learning 2020 / p. 18−30 https://doi.org/10.4018/IJAIML.2020010102

Autonomous mobile robots for production logistics: a process optimization model modification
Raamets, Tõnis; **Majak, Jüri**; **Karjust, Kristo**; **Mahmood, Kashif**; **Hermaste, Aigar** Proceedings of the Estonian Academy of Sciences 2024 / p. 134-141 : ill https://doi.org/10.3176/proc.2024.2.06 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Autonomous vehicle for industry 5.0 : Digital twin for system safety validation
Sell, Raivo; **Malayjerdi, Mohsen**; Malayjerdi, Ehsan; **Bellone, Mauro**; **Pikner, Heiko** Proceedings of the 11th International Conference on Vehicle Technology and Intelligent Transport Systems VEHITS ; Vol. 1 2025 / p. 660-667 https://doi.org/10.5220/0013476600003941

Autonomous vehicle safety evaluation through a high-fidelity simulation approach
Malayjerdi, Mohsen; **Baykara, Baris Cem**; **Sell, Raivo**; **Malayjerdi, Ehsan** Proceedings of the Estonian Academy of Sciences 2021 / p. 413-421 : ill https://doi.org/10.3176/proc.2021.4.07 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Autonomous vehicle shuttle in Smart City testbed
Sell, Raivo; **Soe, Ralf-Martin**; **Wang, Ruxin**; **Rassõlkin, Anton** Intelligent System Solutions for Auto Mobility and Beyond : Advanced Microsystems for Automotive Applications 2020 2021 / p. 143–157 https://doi.org/10.1007/978-3-030-65871-7_11

Autonomous wireless sensor networks : implementation of transient computing and energy prediction for improved node performance and link quality

Ahmed, Faisal; Kervadec, Corentin; **Le Moullec, Yannick**; **Tamberg, Gert**; **Annus, Paul** The Computer Journal 2019 / p. 820 - 837 https://doi.org/10.1093/comjnl/bxy101 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Autosampler for portable capillary electrophoresis
Ružicka, Martin; **Kaljurand, Mihkel**; **Gorbatšova, Jelena**; **Mazina-Šinkar, Jekaterina** Journal of chromatography A 2022 / art. 463619 https://doi.org/10.1016/j.chroma.2022.463619 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Autothermal Siberian pine nutshell pyrolysis maintained by exothermic reactions
Astafev, Alexander; Shanenkov, Ivan; Ibraeva, Kanipa; Tabakaev, Roman; **Preis, Sergei** Energies 2022 / art. 7118 https://doi.org/10.3390/en15197118 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Avaliku sektori kriisiotsustamist mõjutavad tegurid koroonakriisi algfaasis Saaremaa valla ja Tallinna linna kriisiüksuste näitel
Nagel, Hannes; **Nagel, Anne-May** Turvalisuskompass : turvalisuse ja julgeoleku teadusajakiri 2022 / lk. 43−72 : ill https://digiriiul.sisekaitse.ee/bitstream/handle/123456789/2876

Avatars' phygital social presence in the metaverse: An engaged theory perspective
Sprott, David E.; **Hollebeek, Linda Desiree**; Sigurdsson, Valdimar; Clark, Moira K.; Urbonavicius, Sigitas Psychology and Marketing 2025 / p. 1528-1540 https://doi.org/10.1002/mar.22191

Avatud teadus Eestis ja Euroopas : võimalikkus ja potentsiaal erinevate sidusgruppide vaates : lõpparuanne
Toom, Kristel; Olesk, Arko; Ruusalepp, Raivo; Kaal, Esta; Mandre, Sigrid; **Vaikmäe, Rein** 2017 https://www.etag.ee/rahastamine/programmid/rita/rita-tegevus-4-rita-4/avatud_teadus_eestis_ja_euroopas_voimalikkus_ja_potentsiaal/ https://www.etag.ee/wp-content/uploads/2018/02/Avatud-teadus-Eestis-ja-Euroopas_TL%C3%9C-ja-ETA.pdf

AVB-aware routing and scheduling for critical traffic in time-sensitive networks with preemption
Berisa, Aldin; Zhao, Luxi; Craciunas, Silviu S.; Ashjaei, Mohammad; Mubeen, Saad; **Daneshtalab, Masoud**; Sjödin, Mikael RTNS '22: Proceedings of the 30th International Conference on Real-Time Networks and Systems 2022 / p. 207-218 https://doi.org/10.1145/3534879.3534926

Average residual stresses in hard Physical Vapor Deposited (PVD) coatings
Lille, Harri; Ryabchikov, Alexander; Kõo, Jakub; **Mikli, Valdek**; **Adoberg, Eron**; **Vagiström, Heinar**; **Kübarsepp, Jakob**; **Peetsalu, Priidu** Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia 2019 / p. 20-25 : ill https://doi.org/10.4028/www.scientific.net/KEM.799.20 https://www.scientific.net/KEM.799.20 https://www.ester.ee/record=b5235278*est Conference proceeding at Scopus Article at Scopus

Avoiding amino acid depletion in a complex medium results in improved Escherichia coli BW25113 growth
Maser, Andres; **Peebo, Karl**; Nahku, Ranno Microbiology 2019 / p. 37-46 : ill https://doi.org/10.1099/mic.0.000742 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Avoiding mould growth in an interiorly insulated log wall
Alev, Üllar; **Kalamees, Targo** Building and environment 2016 / p. 104-115 : ill https://doi.org/10.1016/j.buildenv.2016.05.020 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Axially asymmetric design for additive manufacturing of synchronous reluctance machines
Naseer, Muhammad Usman; **Kallaste, Ants**; **Asad, Bilal**; **Vaimann, Toomas**; **Rassõlkin, Anton** 2023 IEEE International Conference on Electric Machines and Drives (IEMDC) 2023 / 5 p https://doi.org/10.1109/IEMDC55163.2023.10238995

Axons' signals
Engelbrecht, Jüri; **Tamm, Kert**; **Peets, Tanel** Horizons in neuroscience research ; 49 2023 / p. 33-73 https://novapublishers.com/shop/horizons-in-neuroscience-research-volume-49/

BAC-based cellular model for screening regulators of BDNF gene transcription
Jaanson, Kaur; **Sepp, Mari**; **Aid-Pavlidis, Tamara**; **Timmusk, Tõnis** BMC neuroscience 2014 / p. 1-12 : ill https://doi.org/10.1186/1471-2202-15-75 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Back-calculation of elastic moduli of a ply from the moduli of cross-ply laminates
Lasn, Kaspar; **Klauson, Aleksander**; Echtermeyer, Andreas T. Mechanics of composite materials 2015 / p. 55-68 : ill https://doi.org/10.1007/s11029-015-9476-9 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Background for development methodology for creating the digital twin for propulsion drive of an electric vehicle
Rjabtšikov, Viktor 20th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Tallinn, Estonia, September 8-10, 2021 2022 / p. 27-28 : ill https://www.ester.ee/record=b5457278*est

Background leakage assessment for BBLAWN

Vassiljev, Anatoli; **Koppel, Tiit**; **Puust, Raido** Procedia engineering 2014 / p. 111-117 : ill https://doi.org/10.1016/j.proeng.2014.11.166 Conference proceedings at Scopus Article at Scopus Article at WOS

Backstepping-based output feedback boundary control for coupled fractional reaction-diffusion systems
Zhuang, Bo; Cui, Bao-Tong; Lou, Xu-Yang; **Chen, Juan** Zidonghua Xuebao/Acta Automatica Sinica 2022 / p. 2729 - 2743 https://doi.org/10.16383/j.aas.c190389 Journal metrics at Scopus Article at Scopus

Back-to-back energy router based on common-ground inverters
Azizi, Mohammadreza; **Rahimpour, Saeed**; **Husev, Oleksandr**; **Veligorskyi, Oleksandr** 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / p. 1-6 https://doi.org//10.1109/CPE-POWERENG58103.2023.10227480

Bacterial communities associated with healthy and diseased (skeletal growth anomaly) reef coral Acropora cytherea from Palk Bay, India
Rajasabapathy, Raju; **Ramasamy, Kesava Priyan**; Manikandan, Balakrishnan; Mohandass, Chellandi; James, Rathinam Arthur Frontiers in marine science 2020 / art. 92, 8 p. : ill https://doi.org/10.3389/fmars.2020.00092 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Bacterial communities in ballast tanks of cargo vessels - Shaped by salinity, treatment and the point of origin of the water but "hatch" its typical microbiome
Laas, Peeter; **Künnis-Beres, Kai**; Talas, Liisi; Tammert, Helen; **Kuprijanov, Ivan**; Herlemann, Daniel Philipp Ralf; Kisand, Veljo Journal of environmental management 2022 / art. 116403, 10 p. : ill https://doi.org/10.1016/j.jenvman.2022.116403 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Bacterial polysaccharide levan as stabilizing, non-toxic and functional coating material for microelement-nanoparticles
Bondarenko, Olesja; Ivask, Angela; Kahru, Anne; **Titma, Tiina**; **Pudova, Ksenia**; **Adamberg, Signe** Carbohydrate polymers 2015 / p. 710-720 : ill https://doi.org/10.1016/j.carbpol.2015.09.093 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Balancing Cultural Acceptability and Environmental Sustainability in Diets through Multi-Objective Optimization
Bashiri, Bashir; Kaleda, Aleksei; **Vilu, Raivo** Future Frontiers : PhD Conference on Emerging Technologies : Book of Abstracts 2025 / p. 11 Future Frontiers (PDF)

Balancing Monopolisation and Innovation in the Esports Industry : Searching for Aurea Mediocritas Between Public and Private Interests in Intellectual Property Rights
Vardanyan, Lusine; Kocharyan, Hovsep; **Hamulak, Ondrej**; Gabriš, Tomaš; Martinez-Ramil, Pablo Law Innovation and Technology 2026

Balancing participatory planning and planning for resilience in nature-based solutions. A case of transformative agency?
Plüschke-Altof, Bianka; Loewen, Bradley; **Müüripeal, Anni**; **Sooväli-Sepping, Helen** Geografiska annaler, Series B: Human geography 2024 / p. 422-440 : ill https://doi.org/10.1080/04353684.2023.2258931 https://www.tandfonline.com/doi/pdf/10.1080/04353684.2023.2258931? Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Balloon expandable coronary stent materials : a systematic review focused on clinical success
Vishnu, Jithin; Manivasagam, Geetha; Mantovani, Diego; **Prashanth, Konda Gokuldoss** In vitro models 2022 / p. 151-175 https://doi.org/10.1007/s44164-022-00009-w

Balmorel open source energy system model
Wiese, Frauke; Bramstoft, Rasmus; **Koduvere, Hardi**; Pizarro Alonso, Amalia Energy strategy reviews 2018 / p. 26–34 : ill https://doi.org/10.1016/j.esr.2018.01.003 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Balti LFC ploki vajalike sageduse hoidmise ja taastamise reservide dimensioneerimine suurenenud taastuvenergiaallikate lisandumise korral
Leinakse, Madis; **Kilter, Jako** 2023

The Baltic Republics and the crisis of 2008-2011
Kattel, Rainer; **Raudla, Ringa** Europe-Asia studies 2013 / p. 426-449 : ill https://www.jstor.org/stable/23438630?seq=1#metadata_info_tab_contents https://doi.org/10.1080/09668136.2013.779456 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The Baltic Republics and the first symptoms of the USSR's dissolution
Ramiro Troitino, David Pasado y Memoria 2025 / p. 17-34 https://doi.org/10.14198/pasado.28896 https://rua.ua.es/server/api/core/bitstreams/c65ff274-f79d-4d38-bd8e-ab4624d948ca/content

Baltic Sea biological effects activity cluster: joint regional activities for an improved assessment of chemical pollution in

the marine environment
Lehtonen, Kari K.; Gorokhova, Elena; Rowe, Owen; Pazdro, Ksenia; Barda, Ieva; Alurralde, Roque Gastón; Tairova, Zhanna M.; **Kolesova, Natalja**; Sturve, Joachim; **Kuprijanov, Ivan**; Stankeviciute, Milda; Strode, Evita; Turja, Raisa SETAC Europe 34th Annual Meeting : "Science-Based Solutions in Times of Crisis : Integrating Science and Policy for Environmental Challenges" : book of abstracts 2024 / abs. 4.08.P-Mo363 https://setac.confex.com/setac/europe2024/meetingapp.cgi/Paper/23793

Baltic Sea freshwater content
Raudsepp, Urmas; **Maljutenko, Ilja**; **Barzandeh, Amirhossein**; **Uiboupin, Rivo**; **Lagemaa, Priidik** State of the Planet 2023 / 14 p https://doi.org/10.5194/sp-1-osr7-7-2023

Baltic Sea operational oceanography — a stimulant for regional earth system research
She, Jun; Meier, H.E. Markus; Darecki, Miroslaw; Gorringe, Patrick; Huess, Vibeke; **Kõuts, Tarmo**; Reissmann, Jan Hinrich; Tuomi, Laura Frontiers in Earth Science 2020 / art. 7 https://doi.org/10.3389/feart.2020.00007 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Baltic Sea Remote Sensing
2021 https://www.mdpi.com/journal/remotesensing/special_issues/Baltic_RS#info

Baltic Sea surface temperature analysis 2022: a study of marine heatwaves and overall high seasonal temperatures
Lindenthal, Anja; Hinrichs, Claudia; Jandt-Scheelke, Simon; Kruschke, Tim; **Lagemaa, Priidik**; van der Lee, Eefke M.; **Maljutenko, Ilja**; Morrison, Helen e.; Panteleit, T. R.; **Raudsepp, Urmas** State of the Planet 2024 / 16 p https://doi.org/10.5194/sp-4-osr8-16-2024

Baltic Sea water tritium and stable isotopes in 2016-2017
Jefanova, Olga; Mažeika, Jonas; Petrošius, Rimantas; Skuratovič, Žana; Paškauskas, Ričardas; **Martma, Tõnu**; **Liblik, Taavi**; Ezhova, Elena Isotopes in environmental and health studies 2020 / p. 193-204 https://doi.org/10.1080/10256016.2020.1715969 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Baltic-DB&IS-Forum-DC 2024 and Baltic DB&IS Conference Forum and Doctoral Consortium 2024 : Joint Proceedings of Baltic DB&IS Conference Forum and Doctoral Consortium 2024 co-located with 16th International Baltic Conference on Digital Business and Intelligent Systems (Baltic DB&IS 2024), Vilnius, Lithuania, June 30-July 3, 2024
2024 https://ceur-ws.org/Vol-3698/

Band gap engineering by cationic substitution in Sn(Zr1−xTix)Se3 alloy for bottom sub-cell application in solar cells
Kondrotas, Rokas; Pakstas, Vidas; Franckevicius, Marius; Suchodolskis, Arturas; Tumenas, Saulius; Jasinskas, Vidmantas; Juskenas, Remigijus; Krotkus, Arunas; **Muska, Katri**; **Kauk-Kuusik, Marit** Journal of materials chemistry A 2023 / p. 26488–26498 : ill https://doi.org/10.1039/D3TA05550G Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Band gap tuning based on adjustable stiffness of local resonators
Alimohammadi, Hossein; **Vassiljeva, Kristina**; HosseinNia Kani, Seyed Hassan; **Petlenkov, Eduard** META 2023 Paris - France : The 13th International Conference on Metamaterials, Photonic Crystals and Plasmonics : proceedings 2023 / p. 1743-1744 : ill https://metaconferences.org/META23/files/meta23_proceedings.pdf

The band structure of CuInTe2 studied by optical reflectivity
Yakushev, Michael V.; Mudrov, Andrej; **Kärber, Erki** Applied physics letters 2019 / art. 062103, 4 p. : ill https://doi.org/10.1063/1.5079971 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Bandgap dynamics in locally resonant metastructures : a general theory of internal resonator coupling
Alimohammadi, Hossein; **Vassiljeva, Kristina**; HosseinNia Kani, Seyed Hassan; **Petlenkov, Eduard** Applied Sciences (Switzerland) 2024 / art. 2447 https://doi.org/10.3390/app14062447 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Bandgap fluctuations, hot carriers, and band-to-acceptor recombination in Cu2ZnSn(S,Se)4 microcrystals
Krustok, Jüri; **Kaupmees, Reelika**; **Abbasi, Nafiseh**; **Muska, Katri**; **Mengü, Idil**; **Timmo, Kristi** Physica status solidi - rapid research letters 2023 / art. 2300077, 5 p. : ill https://doi.org/10.1002/pssr.202300077 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Bandit-based learning-aided full-duplex/half-duplex mode selection in 6G cooperative relay networks
Nomikos, Nikolaos; **Charalambous, Themistoklis**; Trakadas, Panagiotis; Wichman, Risto IEEE Open Journal of the Communications Society 2024 / p. 1415-1429 : ill https://doi.org/10.1109/OJCOMS.2024.3370476 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Bandwidth Reduction DoS attacks in Multi-Tenant NoC-based MPSoCs : detection and avoidance strategies = Ribalaiuse vähendamise DoS-rünnakud mitme rentnikuga NoC-põhiste MPSoC-de puhul : tuvastamise ja vältimise strateegiad
Chaves Arroyave, Cesar Giovanni 2023 https://doi.org/10.23658/taltech.8/2023 https://digikogu.taltech.ee/et/Item/60b3f5ee-3a53-43c6-b79e-d6a8cbbc3489 https://www.ester.ee/record=b5548907*est

Bank ownership and lending : does bank ownership matter?
Laidroo, Laivi Emerging markets finance and trade 2016 / p. 285-301 : tab https://doi.org/10.1080/1540496X.2015.1095032 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Bankers' Pay and the evolving structure of US Banking
Anderson, Ronald, W.; **Jõeveer, Karin** 2022 https://doi.org/10.2139/ssrn.4022036

Banking market competition in Europe—financial stability or fragility enhancing?
Ahi, Kalle; **Laidroo, Laivi** Quantitative finance and economics 2019 / p. 257-285 : ill https://doi.org/10.3934/QFE.2019.2.257

Banking sector concentration, competition and financial stability : the case of the Baltic countries
Cuestas, Juan Carlos; Lucotte, Yannick; **Reigl, Nicolas Andreas** Post-communist economies 2020 / p. 215-249 : ill https://doi.org/10.1080/14631377.2019.1640981 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Banks' CSR disclosures – headquarters versus subsidiaries
Laidroo, Laivi; **Öösbik, Urmas** Baltic journal of management 2014 / p. 47-70 : ill https://artiklid.elnet.ee/record=b2657244*est https://doi.org/10.1108/BJM-05-2013-0091 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Banks' CSR reporting – do women have a say?
Tapver, Triinu; **Laidroo, Laivi**; **Gurvitš-Suits, Natalie Aleksandra** Corporate governance 2020 / p. 639−651 https://doi.org/10.1108/CG-11-2019-0338 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Baroque manorial cores and the landscape
Nurme, Sulev; Kotval, Zenia; **Nutt, Nele**; **Hiob, Mart**; **Salmistu, Sirle** Journal of cultural heritage management and sustainable development 2014 / p. 166-183 : ill https://doi.org/10.1108/JCHMSD-06-2013-0024 Journal metrics at Scopus Article at Scopus

Barotropic trends through the Barents Sea opening for the period 1975–2021
Jahanmard, Vahidreza; Löptien, Ulrike; Sandø, Anne Britt; Gierisch, Andrea M. U.; Dietze, Heiner; Lien, Vidar; **Delpeche-Ellmann, Nicole Camille**; Hordoir, Robinson Journal of Geophysical Research: Oceans 2025 / art. e2024JC021663 https://doi.org/10.1029/2024JC021663

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

Basic design principles of nZEB buildings in scoping and conceptual design
Voll, Hendrik; Kosonen, Risto; **Kurnitski, Jarek** Cost optimal and nearly zero-energy buildings (nZEB) : definitions, calculation principles and case studies 2013 / p. 103-134 : ill https://doi.org/10.1007/978-1-4471-5610-9_7 Article collection metrics at Scopus Article at Scopus

Basic helix-loop-helix pioneer factors interact with the histone octamer to invade nucleosomes and generate nucleosome-depleted regions
Donovan, Benjamin T.; Chen, Hengye; **Eek, Priit**; Meng, Zhiyuan; Jipa, Caroline; Tan, Song; Bai, Lu; Poirier, Michael G. Molecular cell 2023 / p. 1251-1263.e6 https://doi.org/10.1016/j.molcel.2023.03.006

Basic solutions for the renovation of lightweight brick walls of Estonian detached houses
Suvalov, Mihhail; **Lomp, Siim**; **Kalamees, Targo** 2nd International Conference on Moisture in Buildings (ICMB23), online, 3-4 July 2023 2023 / 2 p https://doi.org/10.14293/ICMB230051

Basic theory and methods for managing energy efficiency in consumer systems
Karpov, V.; **Kabanen, Toivo**; Yuldashev, Z. Sh.; Nemtsev, A.; Nemtsev, I. Agronomy research 2016 / p. 1619-1625 : ill http://agronomy.emu.ee/category/volume-14/number-5/ http://www.ester.ee/record=b1787401*est Journal metrics at Scopus Article at Scopus

Basic values in artificial intelligence : comparative factor analysis in Estonia, Germany, and Sweden
Masso, Anu; Kaun, Anne; **Noordt, Colin Pascal van** AI & Society : Knowledge, Culture and Communication 2024 / p. 2775-2790 https://doi.org/10.1007/s00146-023-01750-w Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Basin-wide variations in trends in water level maxima in the Baltic Sea
Pindsoo, Katri; **Soomere, Tarmo** Continental shelf research 2020 / art. 104029 ; 12 p https://doi.org/10.1016/j.csr.2019.104029 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Batch and fed-batch ethanol fermentation of cheese-whey powder with mixed cultures of different yeasts
Farkas, Csilla; Rezessy-Szabo, Judit M.; **Gupta, Vijai Kumar**; Bujna, Erika; Pham, Tuan M.; Pásztor-Huszár, K.; Friedrich, László; Bhat, Rajeev; Thakur, Vijay Kumar; Nguyen, Quang D. Energies 2019 / Art. 4495 https://doi.org/10.3390/en12234495 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Battery size optimization with customer PV installations and domestic load profile
Shabbir, Noman; **Kütt, Lauri**; **Astapov, Victor**; Jawad, Muhammad; Allik, Alo; **Husev, Oleksandr** IEEE Access 2022 / p. 13012-13025 : ill https://doi.org/10.1109/ACCESS.2022.3147977 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Battery storage technologies for electrical applications : impact in stand-alone photovoltaic systems
Akinyele, Daniel; **Belikov, Juri**; Levron, Yoash Energies 2017 / art. 1760, 39 p. : ill https://doi.org/10.3390/en10111760 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Battery technologies in electric vehicles : improvements in electric battery packs
Mohseni, Parham; **Husev, Oleksandr**; **Vinnikov, Dmitri**; Strzelecki, Ryszard; Romero-Cadaval, Enrique; Tokarski, Igor IEEE industrial electronics magazine 2023 / p. 55-65 https://doi.org/10.1109/MIE.2023.3252265 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A bayesian estimation of the Milky Way's circular velocity curve using Gaia DR3
Põder, Sven; Benito, María; Pata, Joosep; Kipper, Rain; Ramler, Heleri; Hütsi, Gert; Kolka, Indrek; Thomas, Guillaume F. Astronomy and Astrophysics 2023 / art. A134 https://doi.org/10.1051/0004-6361/202346474 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A Bayesian multinomial regression model for palaeoclimate reconstruction with time uncertainty
Ilvonen, Liisa; Holmström, Lasse; Seppä, Heikki; **Veski, Siim** Environmetrics 2016 / p. 409-422 : ill https://doi.org/10.1002/env.2393 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A Bayesian optimization approach for calibrating large-scale activity-based transport models
Agriesti, Serio; **Kuzmanovski, Vladimir**; Hollmen, Jaakko; Roncoli, Claudio; Nahmias-Biran, Bat-Hen IEEE Open Journal of Intelligent Transportation Systems 2023 / p. 740 - 754 https://doi.org/10.1109/OJITS.2023.3321110 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Bayesian reconstruction of past land cover from pollen data : model robustness and sensitivity to auxiliary variables
Pirzamanbein, Behnaz; **Poska, Anneli**; Lindström, Johan Earth and Space Science 2020 / Art. e2018EA00057 https://doi.org/10.1029/2018EA000547 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A bayesian spatiotemporal model for reconstructing climate from multiple pollen records
Holmström, Lasse; Ilvonen, Liisa; Seppä, Heikki; **Veski, Siim** Annals of Applied Statistics 2015 / p. 1194 - 1225 https://doi.org/10.1214/15-AOAS832 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Bayesian statistical ionospheric tomography improved by incorporating ionosonde measurements
Norberg, Johannes; Virtanen, Ilkka I.; **Roininen, Lassi**; Vierinen, Juha; **Orispää, Mikko**; Kauristie, Kirsti; **Lehtinen, Markku S.** Atmospheric measurement techniques 2016 / p. 1859-1869 : ill https://doi.org/10.5194/amt-9-1859-2016 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Bbuzz : a Bit-aware fuzzing framework for network protocol systematic reverse engineering and analysis
Blumbergs, Bernhards; **Vaarandi, Risto** MILCOM 2017 - 2017 IEEE Military Communications Conference : Baltimore, Maryland, USA, 23-25 October 2017 2017 / p. 707-712 https://doi.org/10.1109/MILCOM.2017.8170785 Conference proceedings at Scopus Article at Scopus Article at WOS

Bearing fault analysis of BLDC motor for electric scooter application
Kudelina, Karolina; **Asad, Bilal**; **Vaimann, Toomas**; **Belahcen, Anouar**; **Rassõlkin, Anton**; **Kallaste, Ants**; Lukichev, Dmitry Designs 2020 / art. 42, 18 p. : ill https://doi.org/10.3390/designs4040042 Journal metrics at Scopus Article at Scopus

Bearing fault analysis of BLDC motor intended for electric scooter application
Kudelina, Karolina; **Asad, Bilal**; **Vaimann, Toomas**; **Rassõlkin, Anton**; **Kallaste, Ants** 2021 IEEE 13th International Symposium on Diagnostics for Electrical Machines, Power Electronics and Drives (SDEMPED) 2021 / p. 427-432 https://doi.org/10.1109/SDEMPED51010.2021.9605519

The bearing faults detection methods for electrical machines — the state of the art
Khan, Muhammad Amir; **Asad, Bilal**; **Kudelina, Karolina**; **Vaimann, Toomas**; **Kallaste, Ants** Energies 2023 / art. 296 https://doi.org/10.3390/en16010296 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

β-Asarone content and essential oil composition of Acorus calamus L. rhizomes from Estonia
Raal, Ain; **Orav, Anne**; **Gretšušnikova, Tatjana** Journal of Essential Oil Research 2016 / p. 299 - 304 https://doi.org/10.1080/10412905.2016.1147391 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Before pedagogy talks kick in
Hammoda, Basel Osama Sayed Ahmed USASBE Online SIG webinar, June 21, 2023 2023

Behavior of Estonian oil shale in acidic oxidative conditions
Niidu, Allan; Grenman, Henrik; **Muldma, Kati**; **Kaldas, Kristiina**; **Mikli, Valdek**; **Lopp, Margus** Frontiers in Chemical Engineering 2022 / art. 590115 https://doi.org/10.3389/fceng.2022.590115

Behavior of fin-plate connection of a composite beam subjected to different fire scenarios
Sakr, Mohamed; Lu, Wei; **Talvik, Ivar**; Puttonen, Jari Rakenteiden mekaniikka = Journal of structural mechanics 2024 / 23 p https://doi.org/10.23998/rm.137617 Journal metrics at Scopus Article at Scopus

Behavior of wooden based insulations at high temperatures
Tiso, Mattia; **Just, Alar**; **Mäger, Katrin Nele** Energy procedia 2016 / p. 729-737 : ill https://doi.org/10.1016/j.egypro.2016.09.135 Conference Proceedings at Scopus Article at Scopus Article at WOS

Behavioral aspects of auditing and the auditor's decision-making as a key cognitive process in the case of fraud
Vassiljev, Maria; **Alver, Lehte** Zeszyty teoretyczne rachunkowosci = Theoretical journal of accounting 2019 / p. 149-169 https://doi.org/10.5604/01.3001.0013.4360

Behaviour mechanisms and correlation between lead (Pb) and its isotope 210Pb inindustrial residue as an indicator for waste characterization
Vaasma, Taavi; **Bitjukova, Liidia**; Kiisk, Madis; Özden, Banu; Tkaczyk, Alan Henry Environmental technology 2016 / p. 3208-3218 : ill https://doi.org/10.1080/09593330.2016.1181673 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Behaviour of tungsten alloy with iron and nickel under repeated high temperature plasma pulses
Laas, T.; Laas, K.; Paju, J.; **Priimets, Jaanis**; Tõkke, Siim; Väli, B.; **Shirokova, Veroonika**; **Antonov, Maksim**; Gribkov, V.A.; Demina, E.V.; Pimenov, V.N.; Paduch, M.; Matulka, R.; Akel, M. Fusion engineering and design 2020 / art. 111408 https://doi.org/10.1016/j.fusengdes.2019.111408 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Behavioural compass : animal behaviour recognition using magnetometers
Chakravarty, Pritish; **Maalberg, Maiki**; Cozzi, Gabriele; Ozgul, Arpat; Aminian, Kamiar Movement Ecology 2019 / Art. nr. 28 https://doi.org/10.1186/s40462-019-0172-6 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The being of science in Al-Farabi's philosophy
Müürsepp, Peeter; Azerbayev, Aslan; Nurysheva, Gulzhikhan Acta Baltica historiae et philosophiae scientiarum 2024 / p. 135-150 https://doi.org/10.11590/abhps.2024.2.06 Journal metrics at Scopus Article at Scopus

Beispiele aus der Praxis : Ethohydraulische Befunde - was bedeutet das?
Lehmann, Boris; Bensing, Katharina; Adam, Beate; Schwevers, Ulrich; **Tuhtan, Jeffrey Andrew** Ethohydraulik : Eine Methode für naturverträglichen Wasserbau 2021 / S. 23-43 https://doi.org/10.1007/978-3-658-32824-5_3

Beitrag zu detaillierten Analysen der Hydraulik von Schlitzpässen
Musall, Mark; Oberle, Peter; Carbonell Baeza, Ruth; **Fuentes-Pérez, Juan Francisco**; **Tuhtan, Jeffrey Andrew**; Nestmann, Franz Wasserwirtschaft 2015 / s. 67-72 https://doi.org/10.1007/s35147-015-0551-x Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A benchmark of DC-DC converters for DC fast charging stations of electric vehicles
Mathew, Honey Mol; Arena, Gabriele; **Chub, Andrii**; De Carne, Giovanni; **Vinnikov, Dmitri**; Lukianov, Mykola 2024 9th IEEE Workshop on the Electronic Grid (eGRID) 2024 / 6 p https://doi.org/10.1109/eGRID62045.2024.10842879

Benchmark of methods for annual glare risk assessment
Sepulveda Luque, Abel; Bueno, Bruno; Wang, Taoning; Wilson, Helen Rose Building and environment 2021 / art. 108006 https://doi.org/10.1016/j.buildenv.2021.108006 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Benchmarking the measured energy use of Nordic residential buildings and their Zero Energy-readiness
Ferrantelli, Andrea; **Thalfeldt, Martin**; **Kurnitski, Jarek** CLIMA 2022: the 14th REHVA HVAC World Congress, 22nd – 25th May in Rotterdam, The Netherlands 2022 / p. 1-8 https://doi.org/10.34641/clima.2022.171

Benchmarking 3D CFD for studies on turbulent flow around fish shaped bodies
Khan, Ali Hassan; Hussmann, Karla Ruiz; Powala, Dennis; Hoerner, Stefan; **Kruusmaa, Maarja**; **Tuhtan, Jeffrey Andrew** The 14th International Symposium on Ecohydraulics : proceedings 2022 / S3: Ecohydraulics on Micro-scale https://iahr.oss-accelerate.aliyuncs.com/upload/file/20221009/20221009192523_72824.doc

Benchmarking advanced security closure of physical layouts
Eslami, Mohammad; Knechtel, Johann; Sinanoglu, Ozgur; Karri, Ramesh; **Pagliarini, Samuel Nascimento** ISPD '23 : proceedings of the 2023 International Symposium on Physical Design 2023 / p. 256-264 https://doi.org/10.1145/3569052.3578924 https://dl.acm.org/doi/pdf/10.1145/3569052.3578924

Benchmarking computational methods and influence of guest conformation on chirogenesis in zinc porphyrin complexes
Osadchuk, Irina; **Borovkov, Victor**; **Aav, Riina**; Clot, Eric Physical chemistry chemical physics 2020 / p. 11025−11037
https://doi.org/10.1039/D0CP00965B Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Benchmarking Danish, Estonian and Finnish NZEB requirements with European Commission recommendations in residential and office buildings
Simson, Raimo; Thomsen, Kirsten Engelund; Wittchen, Kim Bjarne; **Kurnitski, Jarek** Energy and Buildings 2025 / art. 116086
https://doi.org/10.1016/j.enbuild.2025.116086

Benchmarking Inorganic Thin-Film Photovoltaics Technologies for Indoor Applications
Placidi, Marcel; Torrens, Arnau; Li-Kao, Zacharie Jehl; Lopez-Garcia, Alex; Segura, Oriol; Gong, Yuancai; Jimenez-Arguijo, Alex; Cano, Ivan; **Spalatu, Nicolae**; **Oja, Ilona** Solar RRL 2025 / art. 2500030 https://doi.org/10.1002/solr.202500030
https://onlinelibrary.wiley.com/doi/epdf/10.1002/solr.202500030

Benchmarking plant diversity of Palaearctic grasslands and other open habitats
Reitalu, Triin; Pärtel, Meelis; Helm, Aveliina; Ingerpuu, Nele Journal of vegetation science 2021 / art. ARTN e13050, 21 p. : ill
https://doi.org/10.1111/jvs.13050 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Benchmarking usability of patient portals in Estonia, Finland, Norway, and Sweden
Kujala, Sari; Simola, Saija; Wang, Bo; **Soone, Hedvig**; Hagström, Josefin; Bärkås, Annika; Hörhammer, Iiris; Cajander, Åsa; Johansen Fagerlund, Asbjørn; Kane, Bridget International Journal of Medical Informatics 2024 / art. 105302, 7 p
https://doi.org/10.1016/j.ijmedinf.2023.105302 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Bending and pull-out tests on a novel screw type reinforcement for extrusion-based 3D printed concrete
Hass, Lauri; Bos, Freek Second RILEM International Conference on Concrete and Digital Fabrication : Digital Concrete 2020 2020 / p. 632-645 : ill https://doi.org/10.1007/978-3-030-49916-7_64 Journal metrics at Scopus Article at Scopus

The beneficial effect of reusable food boxes on the green transition
Tähemaa, Toivo; **Sarkans, Martinš**; **Sarand, Inga**; **Pohlak, Meelis**; **Niidas, Alar** Modern Materials and Manufacturing 2023 : Tallinn, Estonia, 2–4 May 2023 2024 / art. 030012 https://doi.org/10.1063/5.0189325 Conference proceedings at Scopus Article at Scopus

Beneficial effects of bio-fabricated selenium nanoparticles as seed nanopriming agent on seed germination in rice (Oryza sativa L.)
Setty, Jyotsna; Samant, Sanjib Bal; **Yadav, Mayank Kumar**; Manjubala, Muthusamy; Pandurangam, Vijai Scientific Reports 2023 / art. 22349 https://doi.org/10.1038/s41598-023-49621-0 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Beneficial effects of stoichiometry and nanostructure for a $LiBH_4$-MgH_2 hydrogen storage system
Hu, Jianjiang; **Witter, Raiker**; Shao, Huaiyu; Felderhoff, Michael; Fichtner, Maximilian Journal of materials chemistry A 2014 / p. 66-72 : ill https://doi.org/10.1039/C3TA13775A Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Benefits through space heating and thermal storage with demand response control for a district-heated office building
Ju, Yuchen; **Hiltunen, Pauli**; **Jokisalo, Juha**; **Kosonen, Risto**; **Syri, Sanna** Buildings 2023 / art. 2670, 23 p. : ill
https://doi.org/10.3390/buildings13102670 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Benefits, Challenges, and Opportunities of Conducting a Collaborative Research Course in an International University Partnership : A Study Case Between Kansas State University and Tallinn University of Technology
Lezama-Solano, Adriana; Castro, Mauricio; Chambers, Delores; **Timberg, Loreida**; **Koppel, Kadri** Journal of food science education 2019 / p. 78-86 : ill https://doi.org/10.1111/1541-4329.12162 Journal metrics at Scopus Article at Scopus Article at WOS

Benmahmoud, Slimane. Some theoretical results on fractional-order continuous information measures : [revew]
Henno, Jaak Zentralblatt MATH 2024 / 1p. https://zbmath.org/1540.94044

Benzyne-mediated nonconcerted pathway toward synthesis of sterically crowded [5]- and [7]oxahelicenoids, stereochemical and theoretical studies, and optical resolution of helicenoids
Gawade, Prashant M.; Khose, Vaibhav N.; Badani, Purav M.; **Kaabel, Sandra**; **Borovkov, Victor** Journal of organic chemistry 2019 / p. 860-868 : ill https://doi.org/10.1021/acs.joc.8b02507 Journal metrics at Scopous Article at Scopus Journal metrics at WOS Article at WOS

Berberine, a popular dietary supplement for human and animal health : quantitative research literature analysis – a review
Yeung, Andy Wai Kan; Orhan, Ilkay Erdogan; Aggarwal, Bharat Bhushan; Battino, Maurizio; Belwal, Tarun; Bishayee, Anupam; Daglia, Maria; Devkota, Hari Prasad; El-Demerdash, Amr; Balacheva, Aneliya A.; Georgieva, Maya G.; **Gupta, Vijai Kumar** Animal Science Papers and Reports 2020 / p. 5-19
https://www.igbzpan.pl/uploaded/FSiBundleContentBlockBundleModelTranslatableBlockTranslatableFilesElement/filePath/1583/str5-20.pdf
Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

BERT and Word embedding for interest mining of Instagram users
Hamdi, Sana; Hamdi, Ahmed; **Ben Yahia, Sadok** Advances in Computational Collective Intelligence : 14th International Conference, ICCCI 2022, Hammamet, Tunisia, September 28-30, 2022, Proceedings 2022 / p. 123 - 136 https://doi.org/10.1007/978-3-031-16210-7_10 Conference Proceedings at Scopus Article at Scopus Article at WOS

Besicovitch pseudodistances with respect to non-følner sequences
Capobianco, Silvio; Guillon, Pierre Complex Systems 2021 / p. 133 - 158 https://doi.org/10.25088/COMPLEXSYSTEMS.30.2.133 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOs

Best of both worlds? Independent lists and voter turnout in local elections
Tavares, Antonio; **Raudla, Ringa**; Silva, Tiago Journal of urban affairs 2020 / p. 955-974 https://doi.org/10.1080/07352166.2019.1623682 Journal metrics at Scopus Article at Scopus

Best practices for QSAR model reporting: physical and chemical properties, ecotoxicity, environmental fate, human health, and toxicokinetics endpoints
Piir, Geven; **Kahn, Iiris**; García-Sosa, Alfonso T.; Sild, Sulev; **Ahte, Priit**; Maran, Uko Environmental Health Perspectives 2018 / art. 126001 ; 20 p.: ill https://doi.org/10.1289/EHP3264 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Beta assertive graphs
Bellucci, Francesco; **Chiffi, Daniele**; **Pietarinen, Ahti-Veikko** Diagrammatic representation and inference : 11th International Conference, Diagrams 2020, Tallinn, Estonia, August 24–28, 2020 : proceedings 2020 / p. 525-529 https://doi.org/10.1007/978-3-030-54249-8_49 Conference proceedings at Scopus Article at Scopus Conference proceedings at WOS Article at WOS

Beta assertive graphs : proofs of assertions with quantification
Bellucci, Francesco; **Chiffi, Daniele**; **Pietarinen, Ahti-Veikko** Journal of applied logics : IfCoLog journal of logics and their applications 2021 / 23 p. : ill https://www.collegepublications.co.uk/downloads/ifcolog00044.pdf Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The betrayal puzzle : unraveling the connection between inauthenticity, corporate wrongdoing and brand betrayal with avoidance and reparation
Ittefaq, Huma; Akhtar, Naeem; Siddiqi, Umar Iqbal; Islam, Tahir; Kuzior, Aleksandra Journal of retailing and consumer services 2024 / art. 103597 https://doi.org/10.1016/j.jretconser.2023.103597 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS