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 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

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

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 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

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

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

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 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

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

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 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 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 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

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

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 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 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 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

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

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

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

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 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

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 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

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 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 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 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 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

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

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

Advanced sensing materials based on molecularly imprinted polymers towards developing point-of-care diagnostics devices
Kidakova, Anna; **Reut, Jekaterina**; **Boroznjak, Roman**; **Öpik, Andres**; **Sõritski, Vitali** Proceedings of the Estonian Academy of Sciences 2019 / p. 158–167 : ill https://doi.org/10.3176/proc.2019.2.07 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

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

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 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

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

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

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 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

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 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-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

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

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

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

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, 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

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

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

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

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

Al‖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

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 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

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

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

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

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 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 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 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 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 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

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 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 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 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

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

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

Analysis of ship wake transformation in the coastal zone using time-frequency methods
Torsvik, Tomas; **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 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 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 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 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 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 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 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 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 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

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

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 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

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

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

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

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

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

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

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

Application of 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 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 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 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 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 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 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

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

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

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

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

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

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

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

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

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 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 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 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 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 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 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 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 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 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 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 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

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

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

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

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

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

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

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

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

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 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

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 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 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 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

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 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 safety evaluation through a high-fidelity simulation approach
Malayjerdi, Mohsen; **Baykara, Baris Cem**; **Sell, Raivo**; **Malayjerdi, Ehsan** Proceedings of the Estonian Academy of Sciences 2021 / p. 413-421 : ill https://doi.org/10.3176/proc.2021.4.07 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Autothermal Siberian pine nutshell pyrolysis maintained by exothermic reactions
Astafev, Alexander; Shanenkov, Ivan; Ibraeva, Kanipa; Tabakaev, Roman; **Preis, Sergei** Energies 2022 / art. 7118 https://doi.org/10.3390/en15197118 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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 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

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 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

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

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

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

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 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

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

The bearing faults detection methods for electrical machines — the state of the art
Khan, Muhammad Amir; **Asad, Bilal**; **Kudelina, Karolina**; **Vaimann, Toomas**; **Kallaste, Ants** Energies 2023 / art. 296
https://doi.org/10.3390/en16010296 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Behavior of fin-plate connection of a composite beam subjected to different fire scenarios
Sakr, Mohamed; Lu, Wei; **Talvik, Ivar**; Puttonen, Jari Rakenteiden mekaniikka = Journal of structural mechanics 2024 / 23 p
https://doi.org/10.23998/rm.137617 Journal metrics at Scopus Article at Scopus

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

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

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

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

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

Bidirectional DC-DC converter for modular residential battery energy storage systems
Chub, Andrii; **Vinnikov, Dmitri**; **Kosenko, Roman**; **Liivik, Liisa**; Galkin, Ilja IEEE transactions on industrial electronics 2020 / p. 1944-1955 : ill https://doi.org/10.1109/TIE.2019.2902828 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Bidirectional isolated current source DAB converter with extended ZVS/ZCS range and reduced energy circulation for storage applications
Blinov, Andrei; **Kosenko, Roman**; **Vinnikov, Dmitri**; Parsa, Leila IEEE transactions on industrial electronics 2020 / p. 10552−10563 https://doi.org/10.1109/TIE.2019.2958291 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Bidirectional isolated hexamode DC-DC converter
Sidorov, Vadim; **Chub, Andrii**; **Vinnikov, Dmitri** IEEE transactions on power electronics 2022 / p. 12264-12278 https://doi.org/10.1109/TPEL.2022.3170229 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Bidirectional soft-switching dc-dc converter for battery energy storage systems
Blinov, Andrei; **Kosenko, Roman**; **Chub, Andrii**; **Vinnikov, Dmitri** IET power electronics 2018 / p. 2000-2009 : ill https://doi.org/10.1049/iet-pel.2018.5054 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Bidirectional twisted single-stage single-phase buck-boost DC-AC converter
Husev, Oleksandr; **Matiushkin, Oleksandr**; Roncero-Clemente, Carlos; **Vinnikov, Dmitri**; Chopyk, Vasiliy Energies 2019 / art. 3505, 14 p. : ill https://doi.org/10.3390/en12183505 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Bifunctional platinum-free mixed metal oxygen electrocatalysts based on naturally abundant peat
Teppor, Patrick; Jäger, Rutha; Härmas, Meelis; Aruväli, Jaan; **Volobujeva, Olga**; Koppel, Mirjam; Lust, Enn ECS Meeting Abstracts 2022 / p. 29-37 : ill https://doi.org/10.1149/10807.0029ecst Journal metrics at Scopus Article at Scopus

Bilateral output feedback control of fractional PDEs with space-dependent coefficients
Chen, Juan; **Tepljakov, Aleksei**; **Petlenkov, Eduard**; Zhuang, Bo IFAC-PapersOnLine 2020 / p. 3743 - 3748 https://doi.org/10.1016/j.ifacol.2020.12.2555 Conference Proceedings at Scopus Article at Scopus Article at WOS

The BIM-based building permit process : factors affecting adoption
Ullah, Kaleem; **Witt, Emlyn David Qivitoq**; **Lill, Irene** Buildings 2022 / art. 45 https://doi.org/10.3390/buildings12010045 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Bioceramic scaffolds by additive manufacturing for controlled delivery of the antibiotic vancomycin
Kamboj, Nikhil Kumar; Rodriguez, Miguel Angel; **Rahmani Ahranjani, Ramin**; **Prashanth, Konda Gokuldoss**; **Hussainova, Irina** Proceedings of the Estonian Academy of Sciences 2019 / p. 185–190 : ill https://doi.org/10.3176/proc.2019.2.10 http://www.kirj.ee/public/proceedings_pdf/2019/issue_2/proc-2019-2-185-190.pdf Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Bioimpedance sensors : instrumentation, models, and applications
Naranjo-Hernández, David; Reina-Tosina, Javier; Buendiá, Rubén; **Min, Mart** Journal of Sensors 2019 / art. 5078209 https://doi.org/10.1155/2019/5078209 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Bioinspired and multifunctional tribological materials for sliding, erosive, machining, and energy-absorbing conditions : A review

Kumar, Rahul, 1993-; **Rezapourianghahfarokhi, Mansoureh**; Rahmani Ahranjani, Ramin; **Maurya, Himanshu Singh**; **Kamboj, Nikhil Kumar**; **Hussainova, Irina** Biomimetics 2024 / art. 209 https://doi.org/10.3390/biomimetics9040209 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Bio-inspired TiB2-TiB-TiN lattices by selective laser melting
Liu, Le; **Minasyan, Tatevik**; **Kamboj, Nikhil**; **Aydinyan, Sofiya**; **Hussainova, Irina** Materials Letters 2020 / art. 128337 https://doi.org/10.1016/j.matlet.2020.128337 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Bioinspired whisker sensor for 3D mapping of underground mining environments
Gomez, Virgilio; **Remmas, Mohamed Walid**; Hernando, Miguel; **Ristolainen, Asko**; Rossi, Claudio Biomimetics 2024 / art. 83 https://doi.org/10.3390/biomimetics9020083 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Biomimetic design of implants for long bone critical-sized defects
Rezapourianghahfarokhi, Mansoureh; **Kamboj, Nikhil Kumar**; Jasiuk, Iwona; **Hussainova, Irina** Journal of the mechanical behavior of biomedical materials 2022 / art. 105370 https://doi.org/10.1016/j.jmbbm.2022.105370 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Biomorphic porous Ti6Al4V gyroid scaffolds for bone implant applications fabricated by selective laser melting
Hameed, Pearlin; Liu, Chia-Fei; Ummethala, Raghunandan; Singh, Neera; Huang, Her-Hsiung; Manivasagam, Geetha; **Prashanth, Konda Gokuldoss** Progress in additive manufacturing 2021 / p. 455–469 : ill https://doi.org/10.1007/s40964-021-00210-5 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Bio-recalcitrant pollutants removal from wastewater with combination of the Fenton treatment and biological oxidation
Trapido, Marina; Tenno, Taavo; **Goi, Anna**; **Dulova, Niina**; **Kattel, Eneliis**; **Klauson, Deniss**; Klein, Kati; Tenno, Toomas; **Viisimaa, Marika** Journal of water process engineering 2017 / p. 277-282 : ill https://doi.org/10.1016/j.jwpe.2017.02.007 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Bipolar duty cycle control for dual side LCC compensated inductive power transfer system for wide output voltage range
Kishan, D.; **Chub, Andrii**; Vinod, Marupuru IECON Proceedings (Industrial Electronics Conference) IECON 2024 - 50th Annual Conference of the IEEE Industrial Electronics Society 2025 / 4 p https://doi.org/10.1109/IECON55916.2024.10905524 Conference proceedings at Scopus Article at Scopus

Bivariate stochastic model of current harmonic analysis in the low voltage distribution grid
Iqbal, Muhammad Naveed; **Kütt, Lauri**; **Daniel, Kamran**; **Jarkovoi, Marek**; **Asad, Bilal**; **Shabbir, Noman** Proceedings of the Estonian Academy of Sciences 2021 / p. 190–206 : ill https://doi.org/10.3176/proc.2021.2.08 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Black start and fault tolerant operation of isolated matrix converter for DC microgrids
Emiliani, Pietro; **Blinov, Andrei**; **Chub, Andrii**; de Carne, Giovanni; **Vinnikov, Dmitri** IECON 2022 - 48th Annual Conference of the IEEE Industrial Electronics Society 2022 / 5 p https://doi.org/10.1109/IECON49645.2022.9968735 Conference proceedings at Scopus Article at Scopus

Blended antilock braking system control method for all-wheel drive electric sport utility vehicle
Aksjonov, Andrei; **Vodovozov, Valery**; Augsburg, Klaus; **Petlenkov, Eduard** Electrimacs 2019 : Selected Papers, Vol. 1 2020 / p. 229-241 https://doi.org/10.1007/978-3-030-37161-6_17 Conference proceeding at Scopus Article at Scopus

Blockchain and smart contracts for entrepreneurial collaboration in maritime supply chains
Philipp, Robert; **Prause, Gunnar Klaus**; Gerlitz, Laima Transport and telecommunication journal 2019 / p. 365−378 https://doi.org/10.2478/ttj-2019-0030 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Blockchain implementation barriers in maritime: a case study based on ISM and MICMAC techniques
Bauk, Sanja; Ntshangase, Lindani Handsome Journal of maritime research 2023 / p. 72-80 https://www.jmr.unican.es/index.php/jmr/article/view/736/766 Journal metrics at Scopus Article at Scopus

Blue growth potential in South Baltic Sea region
Philipp, Robert; **Prause, Gunnar Klaus**; **Meyer, Christopher** Transport and telecommunication journal 2020 / p. 69–83 https://doi.org/10.2478/ttj-2020-0006 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

1-butyl-3-methylimidazolium chloride assisted electrospinning of SAN/MWCNTs conductive reinforced composite membranes
Gudkova, Viktoria; **Krumme, Andres**; **Märtson, Triin**; **Rikko, M.**; **Tarasova, Elvira**; **Savest, Natalja**; **Viirsalu, Mihkel** Journal of electrostatics 2015 / p. 11-16 : ill https://doi.org/10.1016/j.elstat.2015.09.002 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

BOD/COD ratio as a probing index in the O/H/O process for coking wastewater treatment
Wei, Gengrui; Wei, Tuo; Li, Zemin; Wei, Cong; Kong, Qiaopin; Guan, Xianghong; Qiu, Guanglei; Hu, Yun; Wei, Chaohai; Zhu, Shuang;

Liu, Yu; **Preis, Sergei** Chemical Engineering Journal 2023 / art. 143257 https://doi.org/10.1016/j.cej.2023.143257 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Body fat proportion estimation by the segmental bioelectrical impedance analysis of forearm
Metshein, Margus; Tuulik, Varje-Riin; Tuulik, Viiu; **Min, Mart**; Kumm, Monika; **Annus, Paul**; **Märtens, Olev** 2024 IEEE International Instrumentation and Measurement Technology Conference (I2MTC) : proceedings 2024 / 5 p
https://doi.org/10.1109/I2MTC60896.2024.10560671 Conference proceedings at Scopus Article at Scopus Article at WOS

Boost half-bridge DC-DC converter with reconfigurable rectifier for ultra-wide input voltage range applications
Vinnikov, Dmitri; **Chub, Andrii**; **Liivik, Elizaveta**; Blaabjerg, Frede; Siwakoti, Yam P. 2018 IEEE Applied Power Electronics Conference and Exposition (APEC 2018), San Antonio, Texas, USA, 4-8 March 2018 2018 / p. 1528-1532 : ill
https://doi.org/10.1109/APEC.2018.8341219 Conference proceedings at Scopus Article at Scopus Article at WOS

Boundary Mittag-Leffler stabilization of coupled time fractional order reaction–advection–diffusion systems with non-constant coefficients
Chen, Juan; **Tepljakov, Aleksei**; **Petlenkov, Eduard**; Chen, YangQuan; Zhuang, Bo Systems & control letters 2021 / art. 104875
https://doi.org/10.1016/j.sysconle.2021.104875 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Boundary state and output feedbacks for underactuated systems of coupled time-fractional PDEs with different space-dependent diffusivity
Chen, Juan; **Tepljakov, Aleksei**; **Petlenkov, Eduard**; Zhuang, Bo International journal of systems science 2020 / p. 2922-2942
https://doi.org/10.1080/00207721.2020.1803442 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Bridging the gap in technology transfer for advanced process control with industrial applications
Vansovitš, Vitali; **Petlenkov, Eduard**; **Tepljakov, Aleksei**; **Vassiljeva, Kristina**; **Belikov, Juri** Sensors 2022 / art. 4149
https://doi.org/10.3390/s22114149 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A brief tutorial overview of disturbance observers for nonlinear systems : application to flatness-based control
Kaldmäe, Arvo; **Kotta, Ülle** Proceedings of the Estonian Academy of Sciences 2020 / p. 57-73 : ill
https://doi.org/10.3176/proc.2020.1.07 http://www.kirj.ee/33035/?tpl=1061&c_tpl=1064 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Broadband discrete-level excitations for improved extraction of information in bioimpedance measurements
Min, Mart; **Paavle, Toivo** Physiological measurement 2014 / p. 997-1010 : ill https://doi.org/10.1088/0967-3334/35/6/997 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article of WOS

Broken rotor bar fault detection of the grid and inverter-fed induction motor by effective attenuation of the fundamental component
Asad, Bilal; **Vaimann, Toomas**; **Belahcen, Anouar**; **Kallaste, Ants**; **Rassõlkin, Anton**; **Iqbal, Muhammad Naveed** IET electric power applications 2019 / p. 2005–2014 https://doi.org/10.1049/iet-epa.2019.0350 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Building information modelling (BIM) - enabled construction education : teaching project cash flow concepts
Olowa, Theophilus Oluwarotimi Olatunde; **Witt, Emlyn David Qivitoq**; **Lill, Irene** International Journal of Construction Management 2021 / p. 1494-1505 : ill https://doi.org/10.1080/15623599.2021.1979300 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Building sustainability objective assessment in Estonian context and a comparative evaluation with LEED and BREEAM
Seinre, Erkki; **Kurnitski, Jarek**; **Voll, Hendrik** Building and environment 2014 / p. 110-120 : ill
https://doi.org/10.1016/j.buildenv.2014.08.005 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Business intelligence and analytics: On-demand ETL over document stores
Souibgui, Manel; Atigui, Faten; **Ben Yahia, Sadok**; Si-Said Cherfi, Samira Research Challenges in Information Science : 14th International Conference, RCIS 2020, Limassol, Cyprus, September 23-25, 2020 : Proceedings 2020 / p. 556-561
https://doi.org/10.1007/978-3-030-50316-1_38 Conference proceedings at Scopus Article at Scopus Article at WOS

Business opportunities for a ground effect vehicle - case of Canary Islands
Otsason, Riina; **Hilmola, Olli-Pekka Kristian**; **Tapaninen, Ulla**; Tovar, Beatriz Transport and Telecommunication 2024 / p. 473 - 482 https://doi.org/10.2478/ttj-2024-0034 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Business process efficiency in a digital economy
Prokopenko, Olha; Shmorgun, Leonid; Kushniruk, Viktor International journal of management 2020 / p. 122–132 : ill
https://doi.org/10.17605/OSF.IO/R7C65 Journal metrics at Scopus Article at Scopus

Business process optimization based on logistics concepts and technologies
Prokopenko, Olha; Dikiy, Alexander; Butenko, Nataliia; Naumenko, Mariya; Dedilova, Tetiana; Miroshnyk, Roman International

journal of advanced research in engineering and technology 2020 / p. 184−196
http://www.iaeme.com/MasterAdmin/Journal_uploads/IJARET/VOLUME_11_ISSUE_6/IJARET_11_06_017.pdf Journal metrics at Scopus Article at Scopus

CaF2 solidIstate electrolytes prepared by vapor pressure exposure and solid synthesis for defect and ionic conductivity tuning
Molaiyan, Palanivel; **Witter, Raiker** Material design & processing communications 2020 / art. e76, 6 p. : ill
https://onlinelibrary.wiley.com/doi/epdf/10.1002/mdp2.76 https://doi.org/10.1002/mdp2.76 Journal metrics at Scopus Article at Scopus

Calculation method for optimization of barge hull
Gornostajev, Dmitri; **Arjassov, Gennadi**; **Penkov, Igor** International review of mechanical engineering (IREME) 2016 / p. 115-124 : ill https://doi.org/10.15866/ireme.v10i2.8351 Journal metrics at Scopus Article at Scopus

Calculation method for plates with discrete variable thickness under uniform loading or hydrostatic pressure
Aryassov, G.; Gornostajev, Dmitri; **Penkov, Igor** International journal of applied mechanics and engineering 2018 / p. 835–853
https://doi.org/10.2478/ijame-2018-0046 Journal metrics at Scopus Article at Scopus

Camera-LiDAR fusion based object segmentation in adverse weather conditions for autonomous driving
Gu, Junyi; **Bellone, Mauro**; Lind, Artjom 2024 19th Biennial Baltic Electronics Conference (BEC) 2024
https://doi.org/10.1109/BEC61458.2024.10737955 Conference proceedings at Scopus Article at Scopus Article at WOS

Can 3D printing bring droplet microfluidics to every lab? - A systematic review
Gyimah, Nafisat; **Scheler, Ott**; **Rang, Toomas**; **Pardy, Tamas** Micromachines 2021 / art. 339 https://doi.org/10.3390/mi12030339
Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Can removal of middle molecular uremic retention solutes be estimated by UV-absorbance measurements in spent dialysate?
Lauri, Kai; **Luman, Merike**; **Holmar, Jana**; **Tomson, Ruth**; **Kalle, Sigrid**; **Arund, Jürgen**; **Uhlin, Nils Fredrik Arne**; **Fridolin, Ivo** World Congress on Medical Physics and Biomedical Engineering, June 7–12, 2015, Toronto, Canada 2015 / p. 1297 - 1300
https://doi.org/10.1007/978-3-319-19387-8_315 Conference proceedings at Scopus Article at Scopus Article at WOS

CAP waveform estimation from the measured electrical bioimpedance values : patient's heart rate variability analysis
Krivošei, Andrei; **Uuetoa, Hasso**; **Min, Mart**; **Annus, Paul**; Uuetoa, Tiina; Lamp, Jürgen Conference proceedings : 37th Annual International Conference of the IEEE Engineering in Medicine and Biology Society : Milan, Italy, August 25-29 2015 2015 / p. 2788-2791 : ill https://doi.org/10.1109/EMBC.2015.7318970 Conference Proceedings at Scopus Article at Scopus Article at WOS

Capacity reliability of water distribution systems
Vaabel, Joonas; **Koppel, Tiit**; **Ainola, Leo**; Sarv, Laur Journal of Hydroinformatics 2014 / p. 731-741
https://doi.org/10.2166/hydro.2013.040 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Carbon aerogel platinum-praseodymium oxide nanocatalyst for methanol oxidation in 0.5 M sulfuric acid : (digital presentation)
Prits, Alise-Valentine; Nerut, Jaak; Kasuk, Heili; **Koel, Mihkel**; Sepp, Silver; Valk, Peeter; Aruväli, Jaan; Koppel, Miriam; **Mikli, Valdek**; **Volobujeva, Olga**; Lust, Enn ECS transactions 2022 / art. 79 https://doi.org/10.1149/10807.0079ecst Journal metrics at Scopus Article at Scopus

Carbon aerogel-based solid-phase microextraction coating for the analysis of organophosphorus pesticides
Jõul, Piia; **Vaher, Merike**; **Kuhtinskaja, Maria** Analytical methods 2021 / p. 69−76 : ill https://doi.org/10.1039/D0AY02002H Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Carbonation of steel slag and gypsum for building materials and associated reaction mechanisms
Wang, Xue; Ni, Wen; Li, Jiajie; Zhang, Siqi; **Hitch, Michael William**; Pascual, Rodrigo Cement and Concrete Research 2019 / art. 105893, 12 p. : ill https://doi.org/10.1016/j.cemconres.2019.105893 Journal metrics at Scopus Article at Scopus Journal metricsc at WOS Article at WOS

Carrier level-shifted based control method for the PWM 3L-T-Type qZS inverter with capacitor imbalance compensation
Roncero-Clemente, Carlos; Romero-Cadaval, Enrique; Ruiz-Cortes, Mercedes; **Husev, Oleksandr** IEEE transactions on industrial electronics 2018 / p. 8297-8306 : ill https://doi.org/10.1109/TIE.2018.2814020 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Cascade sub-low temperature district heating networks in existing district heating systems
Volkova, Anna; Reuter, Stefan; Puschnigg, Stefan Smart Energy 2022 / art. 100064 https://doi.org/10.1016/j.segy.2022.100064 Journal metrics at Scopus Article at Scopus Article at WOS

A case for modern build automation for intelligent systems
Grunewald, Alexander; Lange, Moritz; Tran, Kim Chi; **Astrova, Irina** Intelligent Systems and Applications : proceedings of the 2022

Intelligent Systems Conference (IntelliSys). Volume 1 2023 / p. 789-799 https://doi.org/10.1007/978-3-031-16072-1_56 Conference proceedings at Scopus Article at Scopus Article at WOS

Case study in experiential learning - from chaos to order: sensemaking with the interactive timeline tool in architecture and civil engineering studies
Nutt, Nele; **Salmistu, Sirle**; Meitl, Cassi; Karu, Katrin Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 1 2021 / p. 1300-1311 https://doi.org/10.1007/978-3-030-68198-2_8 Article collection metrics at Scopus Article at Scopus Article at WOS

A case study of optimising energy storage dispatch : convex optimisation approach with degradation considerations
Vaicys, Jonas; Gudžius, Saulius; Jonaitis, Audrius; Rackiene, Roma; **Blinov, Andrei**; Peftitsis, Dimosthenis Journal of energy storage 2024 / art. 112941 https://doi.org/10.1016/j.est.2024.112941 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A case study on the spatial variability of strength in a SFRSCC slab and its correlation with fibre orientation
Kartofelev, Dmitri; **Goidyk, Oksana**; **Herrmann, Heiko** Proceedings of the Estonian Academy of Sciences 2020 / p. 298-310 : ill https://doi.org/10.3176/proc.2020.4.03 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Case-study analysis of concrete large-panel apartment building at pre- and post low-budget energy-renovation
Kuusk, Kalle; **Kalamees, Targo**; **Link, Siim**; **Ilomets, Simo**; **Mikola, Alo** Journal of civil engineering and management 2017 / p. 67-75 : ill https://doi.org/10.3846/13923730.2014.975741 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Catalytic effect of oil shale ash on CO2 gasification of leached wheat straw and reed chars
Link, Siim; Tran, Khanh-Quang; Bach, Quang-Vu; Yrjas, Patrik; **Rosin, Argo** Energy 2018 / p. 906-913 https://doi.org/10.1016/j.energy.2018.04.013 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Causality and interpretation : a new design model inspired by the Aristotelian legacy
Pikas, Ergo; Koskela, Lauri; Seppänen, Olli Construction management and economics 2022 / p. 507-525 : ill https://doi.org/10.1080/01446193.2021.1934884 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Causality in strain gradient elasticity: An internal variables approach
Berezovski, Arkadi Mechanics research communications 2022 / art. 103997 https://doi.org/10.1016/j.mechrescom.2022.103997 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

CCM and DCM analysis of Quasi-Z-Source derived push-pull DC/DC converter
Chub, Andrii; **Husev, Oleksandr**; **Blinov, Andrei**; **Vinnikov, Dmitri** Journal of microelectronics, electronic components and materials 2014 / p. 224-234 : ill http://www.midem-drustvo.si/Journal%20papers/MIDEM_44(2014)3p224.pdf Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Centimetre-range deformations of built environment revealed by drone-based photogrammetry
Varbla, Sander; **Ellmann, Artu**; **Puust, Raido** Automation in Construction 2021 / art. 103787 https://doi.org/10.1016/j.autcon.2021.103787 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Cermets with Fe-alloy binder : a review
Kübarsepp, Jakob; **Juhani, Kristjan** International journal of refractory metals and hard materials 2020 / art. 105290, 25 p. : ill https://doi.org/10.1016/j.ijrmhm.2020.105290 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

CFD analyses on the water entry process of a freefall lifeboat
Huang, Luofeng; Tavakoli, Sasan; Li, Minghao; Dolatshah, Azam; Pena, Blanca; Ding, Boyin; **Dashtimanesh, Abbas** Ocean engineering 2021 / art. 109115, 11 p. : ill https://doi.org/10.1016/j.oceaneng.2021.109115 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

CFD comparison of the influence of casting of samples on the fiber orientation distribution
Goidyk, Oksana; **Heinštein, Mark**; **Herrmann, Heiko** Fibers 2023 / art. 6 https://doi.org/10.3390/fib11010006 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Challenges and perspectives in control of ionic polymer-metal composite (IPMC) actuators : a survey
Aabloo, Alvo; **Belikov, Juri**; **Kaparin, Vadim**; **Kotta, Ülle** IEEE Access 2021 / art. 9133056, p. 121059-121073 https://doi.org/10.1109/ACCESS.2020.3007020 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Challenges of applying e-learning in the libyan higher education system
Ghawail, Entisar Alhadi Al; **Ben Yahia, Sadok**; Alrshah, Mohamed A. International journal of advanced trends in computer science and engineering 2019 / p. 38-43 : ill https://doi.org/10.30534/ijatcse/2019/0681.42019 Journal metrics at Scopus Article at Scopus

Challenges of civic engagement in the (post-socialist) transitional society: experiences from waterfront urban areas

Mezapark in Riga and Kalarand in Tallinn
Prilenska, Viktorija; **Paadam, Katrin**; **Liias, Roode** Journal of architecture and urbanism 2020 / p. 109-121 https://doi.org/10.3846/jau.2020.12223 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Challenges of microgrids in remote communities: a STEEP model application
Akinyele, Daniel; **Belikov, Juri**; Levron, Yoash Energies 2018 / art. 432, 35 p. : ill https://doi.org/10.3390/en11020432 Journal metrics at Scopus Article at Scopus Journal metric at WOS Article at WOS

Challenges of smart grids implementation
Ahmadiahangar, Roya; **Rosin, Argo**; **Palu, Ivo**; Azizi, Aydin Demand-side flexibility in smart grid 2020 / p. 1-15 https://doi.org/10.1007/978-981-15-4627-3_1 Journal metrics at Scopus Article at Scopus

Challenges of teaching programming in StackOverflow era
Pöial, Jaanus Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 1 2021 / p. 703-710 https://doi.org/10.1007/978-3-030-68198-2_65 Conference proceedings at Scopus Article at Scopus Article at WOS

A chameleon algorithm for solving economic dispatch problem in microgrid system
Zahraoui, Younes; Alhamrouni, Ibrahim; Mekhilef, Saad; **Korõtko, Tarmo**; Jusoh, Awang; Sutikno, Tole Bulletin of electrical engineering and informatics 2023 / p. 1982-1992 : ill https://doi.org/10.11591/eei.v12i4.4700 Journal metrics at Scopus Article at Scopus

Change in the parameters of electron-irradiated 4H-SIC Schottky diodes as a function of the time during low-temperature isothermal annealing
Korolkov, Oleg; Kozlovski, Vitali V.; Lebedev, Alexander A.; **Toompuu, Jana**; **Sleptsuk, Natalja**; **Rang, Toomas** Silicon Carbide and Related Materials 2018 : 12th European Conference on Silicon Carbide and Related Materials (ECSCRM 2018) : Selected, peer reviewed papers from the European Conference on Silicon Carbide and Related Materials (ECSCRM 2018), September 2-6, 2018,Birmingham, UK 2019 / p. 734-737 https://doi.org/10.4028/www.scientific.net/MSF.963.734 Conference proceeding at Scopus Article at Scopus

Changes in EEG measures of a recipient of the mRNA COVID-19 vaccine - a case study
Uudeberg, Tuuli; **Hinrikus, Hiie**; **Päeske, Laura**; Lass, Jaanus; Bachmann, Maie 2022 44th Annual International Conference of the IEEE Engineering in Medicine & Biology Society (EMBC) 2022 / p. 3702-3705 https://doi.org/10.1109/EMBC48229.2022.9871524 Conference Proceedings at Scopus Article at Scopus

Changes in surface morphology, deflection and wear of microcrystalline diamond film observed during sliding tests against Si_3N_4 balls
Bogatov, Andrei; **Traksmaa, Rainer**; **Podgurski, Vitali** Engineering materials and tribology : selected, peer reviewed papers from the 24th International Baltic Conference on Engineering Materials & Tribology (BALTMATTRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia 2016 / p. 145-151 : ill https://doi.org/10.4028/www.scientific.net/KEM.674.145 Conference Proceedings at Scopus Article at Scopus

Changing of magnetic flux density distribution in a squirrel-cage induction motor with broken rotor bars
Vaimann, Toomas; **Belahcen, Anouar**; **Kallaste, Ants** Elektronika ir elektrotechnika = Electronics and electrical engineering 2014 / p. 11-14 : ill https://doi.org/10.5755/j01.eee.20.7.8018 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Characteristics and inter-annual changes in temperature, salinity and density distribution in the Gulf of Riga
Skudra, Maris; **Lips, Urmas** Oceanologia 2017 / p. 37-48 : ill https://doi.org/10.1016/j.oceano.2016.07.001 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Characteristics of cyclones causing extreme sea levels in the northern Baltic Sea
Post, Piia; **Kõuts, Tarmo** Oceanologia 2014 / p. 241-258 https://doi.org/10.5697/oc.56-2.241 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Characterization of Estonian honeys by botanical origin
Kivima, Evelin; Seiman, Andrus; **Pall, Raili**; **Sarapuu, Evelyn**; **Martverk, Kaie**; **Laos, Katrin** Proceedings of the Estonian Academy of Sciences 2014 / p. 183-192 : ill https://artiklid.elnet.ee/record=b2673977*est https://doi.org/10.3176/proc.2014.2.08 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Characterization of gas-atomized equiatomic AlCoCrFeNi powder for additive manufacturing
Karimi, Javad; **Kollo, Lauri**; **Prashanth, Konda Gokuldoss** Metallurgical and materials transactions A : Physical metallurgy and materials science 2023 / p. 3417-3424 : ill https://doi.org/10.1007/s11661-023-07129-2 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Characterization of the applied materials for floating offshore wind turbine members: A review on the current state
Wijaya, Muhammad Rizky Arga; Adiputra, Ristiyanto; Aditya Rio, Prabowo; **Putranto, Teguh**; Smaradhana, Dharu Feby Procedia

Structural Integrity, vol 37 2023 / p. 41-49 : ill https://doi.org/10.1016/j.prostr.2023.07.108 Conference proceedings at Scopus Article at Scopus

Characterization of the ensemble of lignin-remodeling DyP-type Peroxidases from Streptomyces coelicolor A3(2)
Pupart, Hegne; **Jõul, Piia**; **Bramanis, Melissa Ingela**; **Lukk, Tiit** Energies 2023 / art. 1557, 15 p. : ill https://doi.org/10.3390/en16031557 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Characterization of the temperature dependent behavior of snappy phenomenon by the switching-off of GaAs power diode structures
Koel, Ants; **Rang, Toomas**; **Rang, Galina** Heat transfer XIII : simulation and experiments in heat and mass transfer 2014 / p. 439-449 : ill https://doi.org/10.2495/HT140381 Conference proceedings at Scopus Article at Scopus

Characterizing energy flexibility of buildings with electric vehicles and shiftable appliances on single building level and aggregated level
Azizi, Elnaz; **Ahmadiahangar, Roya**; **Rosin, Argo**; Bolouki, Sadegh Sustainable cities and society 2022 / art. 103999 https://doi.org/10.1016/j.scs.2022.103999 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Characterizing the biofunctionalization of gold surface with total internal reflection fluorescence (TIRF) microscopy
Ehrminger, Robin Benjamin; Kopantšuk, Sergei; **Kivirand, Kairi**; **Min, Mart** Proceedings of the Estonian Academy of Sciences 2020 / p. 27-34 : ill https://doi.org/10.3176/proc.2020.1.02 http://www.kirj.ee/33001/?tpl=1061&c_tpl=1064 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Characterizing the bond properties of automatically placed helical reinforcement in 3D printed concrete
Hass, Lauri; Bos, F.P.; Salet, T.A.M. Construction and building materials 2022 / art. 129228, 16 p. : ill https://doi.org/10.1016/j.conbuildmat.2022.129228 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Charring performance of timber structures protected by traditional lime-based plasters
Liblik, Johanna; **Nurk, Meeri**; **Just, Alar** Construction and building materials 2022 / art. 128572 https://doi.org/10.1016/j.conbuildmat.2022.128572 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Chemical bath deposition of SnS thin films on ZnS and CdS substrates
Safonova, Maria; Nair, Padmanabhan Pankajakshy Karunakaran; **Mellikov, Enn**; Garcia, A. R.; **Kerm, Karin**; **Revathi, Naidu**; Romann, Tavo; **Mikli, Valdek**; **Volobujeva, Olga** Journal of materials science : materials in electronics 2014 / p. 3160-3165 : ill https://doi.org/10.1007/s10854-014-1998-8 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Chemical composition of red wines made from hybrid grape and common grape (Vitis vinifera L.) cultivars
Pedastsaar, Priit; **Vaher, Merike**; **Helmja, Kati**; **Kulp, Maria**; **Kaljurand, Mihkel**; Karp, Kadri; Raal, Ain; Karathanos, Vaios; Püssa, Tõnu Proceedings of the Estonian Academy of Sciences 2014 / p. 444-453 : ill https://artiklid.elnet.ee/record=b2707387*est https://doi.org/10.3176/proc.2014.4.10 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Chemical etching of tetrahedrite Cu10Cd2Sb4S13 monograin powder materials for solar cell applications
Ghisani, Fairouz; **Timmo, Kristi**; **Altosaar, Mare**; **Mikli, Valdek**; **Danilson, Mati**; **Grossberg, Maarja**; **Kauk-Kuusik, Marit** Materials science in semiconductor processing 2022 / art. 106291 https://doi.org/10.1016/j.mssp.2021.106291 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Chemosystematic markers for the essential oils in leaves of Mentha species cultivated or growing naturally in Estonia
Orav, Anne; Kapp, Karmen; Raal, Ain Proceedings of the Estonian Academy of Sciences 2013 / p. 175-186 https://artiklid.elnet.ee/record=b2624901*est https://doi.org/10.3176/proc.2013.3.03 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Circular economy approach to recycling technologies of post-consumer textile waste in Estonia : a review
Hussain, Abrar; **Kamboj, Nikhil Kumar**; **Podgurski, Vitali**; **Antonov, Maksim**; **Goljandin, Dmitri** Proceedings of the Estonian Academy of Sciences 2021 / p. 80-90 : ill https://doi.org/10.3176/proc.2021.1.07 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The circular economy innovation potential behind the scarcity of raw materials—A literature review
Kraut, Elisabeth Paula Martina; Wellbrock, Wanja; **Gerstlberger, Wolfgang Dieter** Urban and transit planning : city planning: urbanization and circular development 2023 / p. 201-206 https://doi.org/10.1007/978-3-031-20995-6_18 Conference Proceedings at Scopus Article at Scopus

Circular renovation of an apartment building with prefabricated additional insulation elements to nearly zero energy building
Nigumann, Eero; **Kalamees, Targo**; **Kuusk, Kalle**; **Pihelo, Peep** Journal of sustainable architecture and civil engineering 2024 / p. 22-34 https://doi.org/10.5755/j01.sace.34.1.35674 Journal metrics at Scopus Article at Scopus

Circumventing Solidification Cracking Susceptibility in Al–Cu Alloys Prepared by Laser Powder Bed Fusion

Xi, Lixia; Lu, Qiuyang; Gu, Dongdong; Cao, Shaoting; Zhang, Han; Kaban, Ivan; Sarac, Baran; **Prashanth, Konda Gokuldoss**; Eckert, Jürgen 3D Printing and Additive Manufacturing 2024 / p. E731 - E742 https://doi.org/10.1089/3dp.2022.0207 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Cities4ZERO approach to foresight for fostering smart energy transition on municipal level
Tatar, Merit; **Kalvet, Tarmo**; **Tiits, Marek** Energies 2020 / art. 3533 https://doi.org/10.3390/en13143533 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Citizens' access to their digital health data in eleven countries - a comparative study
Nohr, Christian; Wong, Ming Chao; Turner, Paul; Almond, Helen; **Parv, Liisa** Exploring complexity in health : an interdisciplinary systems approach : proceedings of MIE2016 at HEC2016 2016 / p. 685-689 : tab https://doi.org/10.3233/978-1-61499-678-1-685 Conference proceedings at Scopus Article at Scopus Article at WOS

Classification algorithm improvement for physical activity recognition in maritime environments
Allik, Ardo; **Pilt, Kristjan**; **Karai, Deniss**; **Fridolin, Ivo**; **Leier, Mairo**; **Jervan, Gert** World Congress on Medical Physics and Biomedical Engineering 2018 : June 3–8, 2018, Prague, Czech Republic (Vol. 3) 2019 / p. 13-17 https://doi.org/10.1007/978-981-10-9023-3_3 Conference proceeding Article at Scopus Article at WOS

Cleaning of floating photovoltaic systems : a critical review on approaches from technical and economic perspectives
Zahedi, Rafi; Ranjbaran, Parisa; Gharehpetian, Gevork B.; Mohammadi, Fazel; **Ahmadiahangar, Roya** Energies 2021 / art. 2018, 25 p. : ill https://doi.org/10.3390/en14072018 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Cleaning procedure for the screen-printed RuO2 pH electrodes
Lazouskaya, Maryna; **Vetik, Iuliia**; Uppuluri, Kiranmai; Razmi, Nasrin; **Scheler, Ott** IEEE Sensors 2022 : Dallas, Texas, USA : 30 October 2022 - 02 November 2022 : Sensors 2022 conference proceedings 2022 / 4 p. : ill https://doi.org/10.1109/SENSORS52175.2022.9967177 Conference proceedings at Scopus Article at Scopus Article at WOS

CLFT : camera-LiDAR fusion transformer for semantic segmentation in autonomous driving
Gu, Junyi; **Bellone, Mauro**; Pivonka, Tomas; **Sell, Raivo** IEEE Transactions on Intelligent Vehicles 2024 / 12 p https://doi.org/10.1109/TIV.2024.3454971 Journal metrics at Scopus Article at Scopus

Closed circuit video for organizational learning in emergency unit
Parv, Liisa; Nøhr, Christian Driving quality in informatics : fulfilling the promise 2015 / p. 302-307 https://doi.org/10.3233/978-1-61499-488-6-302 Conference proceedings at Scopus Article at Scopus Article at WOS

Closed-loop control system design for wireless charging of low-voltage EV batteries with time-delay constraints
Shevchenko, Viktor; Pakhaliuk, Bohdan; Zakis, Janis; Veligorskyi, Oleksandr; Luszcz, Jaroslaw; **Husev, Oleksandr**; Lytvyn, Oksana; **Matiushkin, Oleksandr** Energies 2021 / art. 3934, 21 p. : ill https://doi.org/10.3390/en14133934 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Cluster approach in organization of transportation in the Baltic Sea Region
Nežerenko, Olga; **Koppel, Ott**; **Tuisk, Tarmo** Transport 2017 / p. 167-179 : ill https://doi.org/10.3846/16484142.2014.994225 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A cluster of many small holes with negative imaginary surface impedances may generate a negative refraction index
Alsaedi, Ahmed; Ahmad, Bashir; **Challa, Durga Prasad**; Kirane, Mokhtar; Sini, Mourad Mathematical methods in the applied sciences 2016 / p. 3607-3622 : ill https://doi.org/10.1002/mma.3805 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Clustering-based penalty signal design for flexibility utilization
Rosin, Argo; **Ahmadiahangar, Roya**; **Azizi, Elnaz**; Sahoo, Subham; **Vinnikov, Dmitri**; Blaabjerg, Frede; Dragicevic, Tomislav; Bolouki, Sadegh IEEE Access 2020 / p. 208850-208860 https://doi.org/10.1109/ACCESS.2020.3038822 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

CO2 emission intensity of the Estonian DH sector
Latõšov, Eduard; Umbleja, Siim; **Volkova, Anna** Smart Energy 2022 / art. 100070 https://doi.org/10.1016/j.segy.2022.100070 Journal metrics at Scopus Article at Scopus Article at WOS

Coalitional game-based transactive energy management in local energy communities
Feng, Changsen; **Wen, Fushuan**; You, Shi; Li, Zhiyi; Shahnia, Farhad; Shahidehpour, Mohammad IEEE Transactions on Power Systems 2020 / p. 1729 - 1740 https://doi.org/10.1109/TPWRS.2019.2957537 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Cobalt and nitrogen co-doped peat derived carbon based catalysts for oxygen reduction
Jäger, Rutha; Teppor, Patrick; Härk, Eneli; Härmas, Meelis; Adamson, Anu; Paalo, Maarja; **Volobujeva, Olga**; Kikas, Arvo; Kochovski, Zdravko; Romann, Tavo ECS Transactions 2020 / p. 605-613 : ill https://doi.org/10.1149/09707.0605ecst Journal metrics at

Scopus Article at Scopus

CoB-TiB2 crystalline powders : Synthesis, microstructural analysis and their utilization as reinforcement agent
Khoshsima, Sina; Altıntas, Zerrin; Burkhardt, Ulrich; Schmidt, Marcus; **Prashanth, Konda Gokuldoss**; Somer, Mehmet; Balci, Özge Advanced powder technology 2020 / p. 2964-2972 https://doi.org/10.1016/j.apt.2020.05.026 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Code development of a DSP-FPGA based control platform for power electronics applications
Minambres-Marcos, Victor; **Roasto, Indrek**; Szczepankowski, P.; Romero-Cadaval, Enrique; **Vinnikov, Dmitri**; Barrero-Gonzalez, Fermin 2015 IEEE International Conference on Industrial Technology (ICIT 2015) : Seville, Spain, 17-19 March 2015 2015 / p. 2890-2895 : ill https://doi.org/10.1109/ICIT.2015.7125524 Conference proceedings at Scopus Article at Scopus Article at WOS

Co-design of a wireless networked control system for reliability and resource-efficiency
Ashraf, Kanwal; **Le Moullec, Yannick**; **Pardy, Tamas**; **Rang, Toomas** 2024 19th Biennial Baltic Electronics Conference (BEC) 2024 / 7 p https://doi.org/10.1109/BEC61458.2024.10737965 Conference proceedings at Scopus Article at Scopus Article at WOS

Coding the smart city : preface
Vainio, Teija; Hodson, Elise; Sayún, Michel Nader; Soe, Ralf-Martin Interaction design and architecture(s) 2021 / p. 59-62 https://ixdea.org/wp-content/uploads/IxDEA_art/50/50_P_fs2.pdf Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Cogniflow-drop : integrated modular system for automated generation of droplets in microfluidic applications
Jõemaa, Rauno; **Gyimah, Nafisat**; **Ashraf, Kanwal**; **Pärnamets, Kaiser**; **Zaft, Alexander**; **Scheler, Ott**; **Rang, Toomas**; **Pardy, Tamas** IEEE Access 2023 / p. 104905-104929 https://doi.org/10.1109/ACCESS.2023.3316726 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Coherent enterprise information modeling for 5G private network feasibility
Jairus, Tanel; **Pilvik, Riivo**; **Kõrbe Kaare, Kati**; Sadam, Arvi; Kuhi, Kristjan Proceedings of the Estonian Academy of Sciences 2024 / p. 100-107 https://doi.org/10.3176/proc.2024.2.01 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Collaborative project management framework for partner network initiation in machining domain [Online resource]
Ševtšenko, Eduard; Polyantchikov, Igor; **Mahmood, Kashif**; **Kangilaski, Taivo**; **Norta, Alexander**; **Karaulova, Tatjana**; Perm, Ardo Proceedings of the 18th Online World Conference on Soft Computing in Industrial Applications (WSC18) 2018 / p. 215-233 : ill https://doi.org/10.1007/978-3-030-00612-9_19 https://link.springer.com/content/pdf/bfm%3A978-3-030-00612-9%2F1.pdf Conference proceedings at Scopus Article at Scopus

Collective responses of a large mackerel school depend on the size and speed of a robotic fish but not on tail motion
Kruusmaa, Maarja; Rieucau, Guillaume; Castillo Montoya, Jose Carlos; **Markna, Riho**; Handegard, Nils Olav Bioinspiration & biomimetics 2016 / p. 1-12 : ill https://doi.org/10.1088/1748-3190/11/5/056020 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Colorimetric determination of total phenolic contents in ionic liquid extracts by paper microzones and digital camera
Aid, Tiina; **Kaljurand, Mihkel**; **Vaher, Merike** Analytical methods 2015 / p. 3193-3199 : ill https://doi.org/10.1039/c5ay00194c Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Column water vapour : an intertechnique comparison of estimation methods in Estonia
Keernik, Hannes; Ohvril, Hanno; Jakobson, Erko; **Rannat, Kalev**; **Luhamaa, Andres** Proceedings of the Estonian Academy of Sciences 2014 / p. 37-47 : ill https://artiklid.elnet.ee/record=b2665209*est https://doi.org/10.3176/proc.2014.1.07 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Combinational fault simulation in sequential circuits
Ubar, Raimund-Johannes; **Kõusaar, Jaak**; **Gorev, Maksim**; **Devadze, Sergei** 2015 IEEE International Symposium on Circuits and Systems : 24-27 May 2015, Lisboa, Portugal : [proceedings] 2015 / p. 2876-2879 : ill https://doi.org/10.1109/ISCAS.2015.7169287 Conference proceedings at Scopus Article at Scopus Article at WOS

Combined 3D building surveying techniques – terrestrial laser scanning (TLS) and total station surveying for BIM data management purposes
Mill, Tarvo; Alt, Aivars; **Liias, Roode** Journal of civil engineering and management 2013 / p. S23-S32 : ill https://www.researchgate.net/publication/261643973_Combined_3D_building_surveying_techniques-Terrestrial_laser_scanning_TLS_and_total_station_surveying_for_BIM_data_management_purposes https://doi.org/10.3846/13923730.2013.795187 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A combined analytical model for increasing the accuracy of heat emission predictions in rooms heated by radiators
Võsa, Karl-Villem; **Ferrantelli, Andrea**; **Kurnitski, Jarek** Journal of building engineering 2019 / p. 291-300 https://doi.org/10.1016/j.jobe.2019.02.009 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Combined effect of heavy metals on the activated sludge process
Lember, Erki; Retšnoi, Vitali; **Pachel, Karin**; **Loigu, Enn** Proceedings of the Estonian Academy of Sciences 2018 / p. 305-314 : ill http://www.kirj.ee/public/proceedings_pdf/2018/issue_4/proc-2018-4-305-314.pdf https://doi.org/10.3176/proc.2018.4.02 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Combined strain rate, mesh size and calibration test influence on structural failure : Miniature ship grounding test
Calle, Miguel A. G.; Oshiro, Roberto E.; **Kõrgesaar, Mihkel** Ocean engineering 2019 / p. 215-226 : ill https://doi.org/10.1016/j.oceaneng.2019.01.002 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Combustion behavior of solid waste fuels in the vertical tube reactor under different oxy-fuel environments
Mukhambet, Yerkebulan; Ybray, Sultan; Shah, Dhawal; **Konist, Alar**; Sarbassov, Yerbol Process Safety and Environmental Protection 2024 / p. 760-768 https://doi.org/10.1016/j.psep.2024.10.062 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comments on 'A new kind of nonlinear disturbance observer for nonlinear systemswith applications to cruise control of air-breathing hypersonic vehicles'
Kaldmäe, Arvo; **Kotta, Ülle** International journal of control 2020 / p. 1725 https://doi.org/10.1080/00207179.2018.1529436 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comments on "PBH tests for nonlinear systems"
Sarafrazi, Mohammad Amin; Bartosiewicz, Zbigniew; **Kotta, Ülle** Automatica 2020 / art. 108617 https://doi.org/10.1016/j.automatica.2019.108617 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comments on “When retarded nonlinear time-delay systems admit an input–output representation of neutral type” [Automatica 49 (2013) 561–567]
Kaldmäe, Arvo Automatica 2023 / art. 110797, 2 p https://doi.org/10.1016/j.automatica.2022.110797 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Common-mode voltage analysis and reduction for the quasi-Z-source inverter with a split inductor
Liu, Wenjie; Yang, Yongheng; Kerekes, Tamas; **Liivik, Elizaveta**; **Vinnikov, Dmitri**; Blaabjerg, Frede Applied sciences 2020 / art. 8713, 13 p. : ill https://doi.org/10.3390/app10238713 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Commons-based peer production and digital fabrication : the case of a RepRap-based, Lego-built 3D printing-milling machine
Kostakis, Vasileios; Papachristou, Marios Telematics and informatics 2014 / p. 434-443 : ill https://doi.org/10.1016/j.tele.2013.09.006 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Compact empirical model for droplet generation in a Lab-on-Chip cytometry system
Pärnamets, Kaiser; **Udal, Andres**; **Koel, Ants**; **Pardy, Tamas**; **Gyimah, Nafisat**; **Rang, Toomas** IEEE Access 2022 / p. 127708-127717 https://doi.org/10.1109/ACCESS.2022.3226623 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparative analysis of content and composition of essential oils of Thymus vulgaris L. from different regions of Europe
Raal, Ain; Gontova, Tetiana; Palmeos, Maie; **Orav, Anne**; Sayakova, Galiya; Koshovyi, Oleh Proceedings of the Estonian Academy of Sciences 2024 / p. 332-344 https://doi.org/10.3176/proc.2024.4.02 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparative analysis of customer value dimensions
Maleki, Meysam; **Ševtšenko, Eduard**; Cruz-Machado, Virgilio Inzinerine ekonomika = Engineering economics 2013 / p. 488-495 https://inzeko.ktu.lt/index.php/EE/article/view/3241 https://doi.org/10.5755/j01.ee.24.5.3241 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A comparative analysis of Fuzzy AHP and Fuzzy VIKOR methods for prioritization of the risk criteria of an autonomous vehicle system
Mehrparvar, Marmar; **Majak, Jüri**; **Karjust, Kristo** Proceedings of the Estonian Academy of Sciences 2024 / p. 116-123 https://doi.org/10.3176/proc.2024.2.04 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparative analysis of high power density bidirectional DC-DC converters for portable energy storage applications
Tytelmaier, Kostiantyn; Zakis, Janis; **Husev, Oleksandr**; **Vinnikov, Dmitri** Elektronika ir elektrotechnika = Electronics and electrical engineering 2018 / p. 33–41 : ill https://doi.org/10.5755/j01.eie.24.6.22287 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparative analysis of intelligent braking controllers for electric vehicles
Vodovozov, Valery; **Raud, Zoja**; **Petlenkov, Eduard** Renewable energy and power quality journal 2022 / p. 55-60 https://doi.org/10.24084/repqj20.217 Journal metrics at Scopus Article at Scopus

Comparative analysis of machine learning techniques for non-intrusive load monitoring
Shabbir, Noman; **Vassiljeva, Kristina**; **Hokmabad, Hossein Nourollahi**; **Husev, Oleksandr**; **Petlenkov, Eduard**; **Belikov, Juri** Electronics 2024 / art. 1420 https://doi.org/10.3390/electronics13081420 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparative analysis of residual stresses determined by various methods in brush-plated hard gold and silver coatings
Lille, Harri; Kõo, Jakub; Ryabchikov, Alexander; Reitsnik, Renno; **Sergejev, Fjodor**; **Mikli, Valdek** Engineering materials & tribology XXII 2014 / p. 8-11 https://doi.org/10.4028/www.scientific.net/KEM.604.8 Conference proceedings at Scopus Article at Scopus Conference proceedings at WOS Article at WOS

Comparative analysis of zigbee based wireless sensor networks (WSNs)
Shabbir, Noman; Hassan, Syed Rizwan; **Iqbal, Muhammad Naveed**; **Kütt, Lauri**; Unbreen, Arooj International journal of recent technology and engineering 2019 / p. 980-984 : ill https://www.ijrte.org/wp-content/uploads/papers/v7i6s/F04000376S19.pdf Journal metrics at Scopus Article at Scopus

Comparative analysis of telepresence robots' video performance : evaluating camera capabilities for remote teaching and learning
Talisainen, Aleksei; **Leoste, Janika**; Virkus, Sirje Applied Sciences (Switzerland) 2024 / art. 233 https://doi.org/10.3390/app14010233 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparative analysis of two methods for evaluating wear rate of nanocrystalline diamond films
Bogatov, Andrei; **Yashin, Maxim**; **Viljus, Mart**; Menezes, Pradeep; **Podgurski, Vitali** Engineering materials and tribology XXV 2017 / p. 345-350 : ill https://doi.org/10.4028/www.scientific.net/KEM.721.345 Conference proceedings at Scopus Article at Scopus

Comparative analysis of wear rates of microcrystalline diamond and diamond-like carbon coatings deposited on WC-Co substrates
Yashin, Maxim; **Bogatov, Andrei**; **Podgurski, Vitali** Engineering materials and tribology XXV 2017 / p. 436-440 : ill https://doi.org/10.4028/www.scientific.net/KEM.721.436 Conference proceedings at Scopus Article at Scopus

Comparative assessment of heat recovery from treated wastewater in the district heating systems of the three capitals of the Baltic countries
Ziemele, Jelena; **Volkova, Anna**; **Latõšov, Eduard**; Murauskaite, Lina; Džiuve, Vytautas Energy 2023 / art. 128132 https://doi.org/10.1016/j.energy.2023.128132 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparative assessment of simple and detailed energy performance models for urban energy modelling based on digital twin and statistical typology database for the renovation of existing building stock
Hallik, Jaanus; **Arumägi, Endrik**; **Pikas, Ergo**; **Kalamees, Targo** Energy and buildings 2024 / art. 114775 https://doi.org/10.1016/j.enbuild.2024.114775 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparative evaluation of common-ground converters for dual-purpose application
Hemmati Shahsavar, Tala; **Rahimpour, Saeed**; **Vosoughi Kurdkandi, Naser**; Fesenko, Artem; **Matiushkin, Oleksandr**; **Husev, Oleksandr**; **Vinnikov, Dmitri** Energies 2023 / art. 2977 https://doi.org/10.3390/en16072977 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparative evaluation of dual-purpose converters suitable for application in dc and ac grids
Husev, Oleksandr; **Matiushkin, Oleksandr**; **Jalakas, Tanel**; **Vinnikov, Dmitri**; Vosoughi Kurdkandi, Naser IEEE journal of emerging and selected topics in power electronics 2024 / p. 1337-1347 https://doi.org/10.1109/JESTPE.2023.3243857 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparative feasibility study of partial power converter for interfacing battery energy storage into power system of future circular collider
Chub, Andrii; Niinemägi, Joosep; Colmenero, Manuel; Aguglia, Davide Proceedings of the Estonian Academy of Sciences 2024 / p. 396-415 https://doi.org/10.3176/proc.2024.4.08 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A comparative framework for cyber threat modelling: case of healthcare and industrial control systems
Balogun, Taofeek Mobolarinwa; **Bahsi, Hayretdin**; Keskin, Omer F.; Tatar, Unal International Journal of Critical Infrastructures 2023 / p. 405-431 https://doi.org/10.1504/IJCIS.2023.133282 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparative investigation of the graphene-on-silicon carbide and CVD graphene as a basis for biosensor application
Sleptšuk, Natalja; Lebedev, Alexander A.; Eliseyev, Ilya; **Korolkov, Oleg**; **Toompuu, Jana**; **Land, Raul**; **Mikli, Valdek**; Zubov, Alexander; **Rang, Toomas** 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. 185-190 : ill https://www.ester.ee/record=b5235278*est https://www.scientific.net/KEM.799.185 https://doi.org/10.4028/www.scientific.net/KEM.799.185 Conference proceeding at Scopus Article at Scopus

Comparative results of low temperature annealing of lightly doped n-layers of silicon carbide irradiated by protons and electrons
Kozlovski, Vitali V.; **Korolkov, Oleg**; Lebedev, Alexander A.; **Toompuu, Jana**; **Sleptsuk, Natalja** Silicon Carbide and Related Materials 2019 : 18th International Conference on Silicon Carbide and Related Materials 2019 (ICSCRM 2019), Kyoto, Japan, September 29 - October 4, 2019 2020 / p. 231-236 https://doi.org/10.4028/www.scientific.net/MSF.1004.231 Conference Proceedings at Scopus Article at Scopus

A comparative SEM study of ossicles in the Pleuronectiformes (Teleostei) of the Baltic Sea
Märss, Tiiu; Wilson, Mark; Lees, Janek; Saat, Toomas; Špilev, Heli Proceedings of the Estonian Academy of Sciences 2015 / p. 495-517 : ill https://doi.org/10.3176/proc.2015.4.05 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparative simulation study of pump system efficiency driven by induction and synchronous reluctance motors
Gevorkov, Levon; Dominguez-Garcia, Jose Luis; **Rassõlkin, Anton**; **Vaimann, Toomas** Energies 2022 / art. 4068 https://doi.org/10.3390/en15114068 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparative study of experimental and CFD results for stepped planing hulls
Niazmand Bilandi, Rasul; Dashtimanesh, Abbas; Mancini, Simone; Vitiello, Luigi Ocean engineering 2023 / art. 114887 https://doi.org/10.1016/j.oceaneng.2023.114887 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A comparative study of marginal loss pricing algorithms in electricity markets
Yang, Jiajia; Dong, Zhao Yang; **Wen, Fushuan** IET generation, transmission and distribution 2021 / 13 p. : ill https://doi.org/10.1049/gtd2.12030 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparative study of rectifier topologies for quasi-Z-source derived push-pull converter
Chub, Andrii; **Husev, Oleksandr**; **Vinnikov, Dmitri** Elektronika ir elektrotechnika = Electronics and electrical engineering 2014 / p. 29-34 : ill https://doi.org/10.5755/j01.eee.20.6.7264 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A comparative study of the growth dynamics and tribological properties of nanocrystalline diamondfilms deposited on the (110) single crystaldiamond and Si(100) substrates
Podgurski, Vitali; **Bogatov, Andrei**; **Yashin, Maxim**; **Viljus, Mart**; **Volobujeva, Olga**; **Mere, Arvo**; **Raadik, Taavi** Diamond and related materials 2019 / p. 159-167 : ill https://doi.org/10.1016/j.diamond.2018.12.024 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparative study of the phase-integrated converter as universal power converter
Husev, Oleksandr; **Matiushkin, Oleksandr**; **Vinnikov, Dmitri**; **Vosoughi Kurdkandi, Naser**; Kouro, Samir Annual IEEE Conference on Applied Power Electronics Conference and Exposition (APEC) 2022 / p. 58-63 https://doi.org/10.1109/APEC43599.2022.9773553 Conference Proceedings at Scopus Article at Scopus

Comparative study of the VARTM, VAP and MTI vacuum infusion processes
Aruniit, Aare; **Herranen, Henrik**; Miller, Kristen Engineering materials and tribology : selected, peer reviewed papers from the 24th International Baltic Conference on Engineering Materials & Tribology (BALTMATTRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia 2016 / p. 71-76 : ill https://doi.org/10.4028/www.scientific.net/KEM.674.71 Conference Proceedings at Scopus Article at Scopus

Comparing a 41-year model hindcast with decades of wave measurements from the Baltic Sea
Björkqvist, Jan-Victor; Lukas, Ingvar; **Alari, Victor**; **Männik, Aarne** Ocean engineering 2018 / p. 57-71 : ill https://doi.org/10.1016/j.oceaneng.2018.01.048 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparing rock shape models in grounding damage modelling
Sormunen, Otto-Ville Edvard; Kõrgesaar, Mihkel; **Tabri, Kristjan**; **Heinvee, Martin**; **Urbel, Annika**; Kujala, Pentti Marine structures 2016 / p. 205-223 : ill https://doi.org/10.1016/j.marstruc.2016.07.004 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparing the leaching behavior of phosphorus, aluminum and iron from post-precipitated tertiary sludge and anaerobically digested sewage sludge aiming at phosphorus recovery
Monea, Marlena; Löhr, Dirk Karsten; Meyer, Carsten; **Ivanova Drenkova-Tuhtan, Asya** Journal of cleaner production 2020 / art. 119129, 8 p. : ill https://doi.org/10.1016/j.jclepro.2019.119129 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparison of additively manufacturing samples fabricated from pre-alloyed and mechanically mixed powders
Zhao, Chao; Wang, Zhi; Li, Daoxi; Xie, Meishen; **Kollo, Lauri**; Luo, Zongqiang; Zhang, Weiwen; **Prashanth, Konda Gokuldoss** Journal of alloys and compounds 2020 / art. 154603, 5 p. : ill https://doi.org/10.1016/j.jallcom.2020.154603 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A comparison of approaches to providing patients access to summary care records across old and new Europe : an exploration of facilitators and barriers to implementation

De Lusignan, Simon; **Ross, Peeter**; Shifrin, Michael; Hercigonja-Szekeres, Mira; Seroussi, Brigitte Proceedings of the 14th World Congress on Medical Informatics ; MEDINFO 2013 2013 / p. 397 - 401 https://doi.org/10.3233/978-1-61499-289-9-397 Conference Proceedings at Scopus Article at Scopus Article at WOS

Comparison of district heating supply options for different CHP configurations
Rušeljuk, Pavel; **Dedov, Andrei**; **Hlebnikov, Aleksandr**; **Lepiksaar, Kertu**; **Volkova, Anna** Energies 2023 / art. 603, 14 p. : ill https://doi.org/10.3390/en16020603 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Aricle at WOS

Comparison of excitation signals and methods for a wideband bioimpedance measurement
Ojarand, Jaan; **Rist, Marek**; **Min, Mart** I2MTC 2016 : 2016 IEEE International Instrumentation and Measurement Technology Conference : May 23-26, 2016, Taipei International Convention Center, Taipei, Taiwan : proceedings 2016 / p. 1291-1296 : ill https://doi.org/10.1109/I2MTC.2016.7520555 Conference Proceedings at Scopus Article at Scopus Article at WOS

Comparison of flux-switching and interior permanent magnet synchronous generators for direct-driven wind applications based on nelder–mead optimal designing
Prakht, Vladimir; Dmitrievskii, Vladimir; Kazakbaev, Vadim; **Andriushchenko, Ekaterina** Mathematics 2021 / art. 732 https://doi.org/10.3390/math9070732 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparison of impedance-source networks for two and multilevel buck-boost inverter applications
Husev, Oleksandr; Blaabjerg, Frede; Roncero-Clemente, Carlos; Romero-Cadaval, Enrique; **Vinnikov, Dmitri**; Siwakoti, Yam P.; Strzelecki, Ryszard IEEE transactions on power electronics 2016 / p. 7564-7579 : ill https://doi.org/10.1109/TPEL.2016.2569437 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparison of LPV and nonlinear system theory : a realization problem
Belikov, Juri; **Kotta, Ülle**; **Tõnso, Maris** Systems & control letters 2014 / p. 72-78 https://doi.org/10.1016/j.sysconle.2013.10.009 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparison of model order reduction methods for a switched reluctance machine characterization
Boumesbah, Allaa Eddine; Martin, Floran; Krebs, Guillaume; **Belahcen, Anouar**; Marchand, Claude IEEE transactions on magnetics 2021 / art. 9355193, 7 p. : ill https://doi.org/10.1109/TMAG.2021.3059969 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparison of multifractal parameters of surface defects and non-defects
Martsepp, Merike; Laas, Tõnu; Tõkke, Siim; **Priimets, Jaanis**; **Mikli, Valdek** Proceedings of the Estonian Academy of Sciences 2023 / p. 115-127 : ill https://doi.org/10.3176/proc.2023.2.03 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparison of one- two- and three-dimensional CNN models for drawing-test-based diagnostics of the Parkinson's disease
Wang, Xuechao; Huang, Junqing; Chatzakou, Marianna; **Nõmm, Sven**; **Valla, Elli**; Medijainen, Kadri; Taba, Pille; Toomela, Aaro; Ruzhansky, Michael Biomedical signal processing and control 2024 / art. 105436, 8 p https://doi.org/10.1016/j.bspc.2023.105436 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparison of performance of phase-shift and asymmetrical pulse width modulation techniques for the novel galvanically isolated buck-boost dc-dc converter for photovoltaic applications
Vinnikov, Dmitri; **Chub, Andrii**; **Kosenko, Roman**; Zakis, Janis; **Liivik, Elizaveta** IEEE journal of emerging and selected topics in power electronics 2017 / p. 624-637 : ill https://doi.org/10.1109/JESTPE.2016.2631628 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparison of performance-based specification properties for asphalt binders sourced from around the world
Lill, Kristjan; Khan, Ahmad Nawaz; **Kontson, Karli**; Hesp, Simon A. M. Construction and building materials 2020 / art. 120552, 8 p. : ill https://doi.org/10.1016/j.conbuildmat.2020.120552 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparison of renewable electricity generation options with household electrical load patterns
Auväärt, Aivar; **Rosin, Argo**; **Rosin, Kai**; **Drovtar, Imre**; **Lehtla, Madis** Proceedings : IECON 2013 - 39th Annual Conference of the IEEE Industrial Electronics Society : Austria Center Vienna, Vienna, Austria, 10-14 November, 2013 2013 / p. 1555-1560 : ill https://ieeexplore.ieee.org/document/6699364 https://doi.org/10.1109/IECON.2013.6699364 Conference Proceedings at Scopus Article at Scopus

Comparison of the carbon nanofiber-/fiber- and silicone-based electrodes for bioimpedance measurements
Kõiv, Hip; **Pesti, Ksenija**; **Min, Mart**; **Land, Raul**; Must, Indrek IEEE transactions on instrumentation and measurement 2020 / p. 1455-1463 https://doi.org/10.1109/TIM.2019.2962297 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparison of the wear and frictional properties of Cu matrix composites prepared by pulsed electric current sintering
Ritasalo, Riina; **Antonov, Maksim**; **Veinthal, Renno**; Hannula, Simo-Pekka Proceedings of the Estonian Academy of Sciences

2014 / p. 62-74 : ill https://artiklid.elnet.ee/record=b2665219*est https://doi.org/10.3176/proc.2014.1.09 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparison of three-phase three-level voltage source inverter with intermediate dc-dc boost converter and quasi-Z-sourceinverter
Panfilov, Dmitry; **Husev, Oleksandr**; Blaabjerg, Frede; **Zakis, Janis**; Khandakji, Kamal IET Power Electronics 2016 / p. 1238 - 1248 https://doi.org/10.1049/iet-pel.2015.0539 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparison of time-varying phasor and dq0 dynamic models for large transmission networks
Belikov, Juri; Levron, Yoash International journal of electrical power & energy systems 2017 / p. 65-74 https://doi.org/10.1016/j.ijepes.2017.05.017 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Compensation topologies in IPT Systems : standards, requirements, classification, analysis, comparison and application
Shevchenko, Viktor; **Husev, Oleksandr**; Strzelecki, Ryszard IEEE Access 2019 / art. 2937891, p. 120559–120580 : ill https://doi.org/10.1109/ACCESS.2019.2937891 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Competence approach in future specialist skills development
Prokopenko, Olha; Osadchenko, Inna; Braslavska, Oksana; Malyshevska, Iryna; Pichkur, Mykola; Tyshchenko, Viktoriia International journal of management 2020 / p. 645-656 : ill https://iaeme.com/Home/article_id/IJM_11_04_062 Journal metrics at Scopus Article at Scopus

Competition between densification and microstructure of functional materials by Selective Laser Melting
Singh, Neera; **Ummethala, Raghunandan**; Hameed, Pearlin; Sokkalingam, Rathinavelu; **Prashanth, Konda Gokuldoss** Material design & processing communications 2020 / art. e146, 7 p. : ill https://doi.org/10.1002/mdp2.146 Journal metrics at Scopus Article at Scopus

A competitive framework for the participation of multi-microgrids in the community energy trading market: A case study
Zahraoui, Younes; **Korõtko, Tarmo**; **Rosin, Argo**; Zidane, Tekai Eddine Khalil; **Agabus, Hannes**; Mekhilef, Saad IEEE Access 2024 / p. 68232-68248 https://doi.org//10.1109/ACCESS.2024.3399168 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Complete capillary electrophoresis process on a drone : towards a flying micro-lab
Drevinskas, Tomas; Maruška, Audrius; Girdauskas, Valdas; Dūda, Gediminas; **Gorbatšova, Jelena**; **Kaljurand, Mihkel** Analytical Methods 2020 / p. 4977 - 4986 https://doi.org/10.1039/d0ay01220c Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Complexity in engineering and natural sciences
Engelbrecht, Jüri Proceedings of the Estonian Academy of Sciences 2015 / p. 249-255 https://artiklid.elnet.ee/record=b2740532*est https://doi.org/10.3176/proc.2015.3.07 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Component organised learning method for digital supply chain hybrid courses
Murumaa, Lea; Ševtšenko, Eduard; **Karaulova, Tatjana** Mobility for Smart Cities and Regional Development - Challenges for Higher Education : proceedings of the 24th International Conference on Interactive Collaborative Learning (ICL2021). Vol. 1 2022 / p. 691-705 https://doi.org/10.1007/978-3-030-93904-5_69 Conference proceedings at Scopus Article at Scopus Article at Scopus

Composition of engineering drawing through communication skills and social/material interactions from the semiotic aspect
Lille, Harri; **Ruus, Aime** IOP conference series : materials science and engineering 4th International Conference on Innovative Materials, Structures and Technologies (IMST 2019) : 25–27 September 2019, Riga, Latvia 2019 / art. 012011, 6 p https://doi.org/10.1088/1757-899X/660/1/012011 Conference proceedings at Scopus Article at Scopus Article at WOS

A comprehensive approach to scenario-based risk management for Arctic waters
Bergström, Martin; Browne, Thomas; Ehlers, Sören; Helle, Inari; Herrnring, Hauke; Khan, Faisal; Kubiczek, Jan; Kujala, Pentti; **Kõrgesaar, Mihkel**; Leira, Bernt Johan; Parviainen, Tuuli; Polojärvi, Arttu; Suominen, Mikko; Taylor, Rocky; Tuhkuri, Jukka; Vanhatalo, Jarno; Veitch, Brian Ship Technology Research 2022 / p. 129-157 https://doi.org/10.1080/09377255.2022.2049967 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comprehensive comparative analysis of impedance-source networks for DC and AC application
Husev, Oleksandr; Shults, Tatiana; **Vinnikov, Dmitri**; **Chub, Andrii** Electronics 2019 / 21 p. : ill https://doi.org/10.3390/electronics8040405 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comprehensive comparison of grid-connected flyback-based microinverter with primary and secondary side decoupling approach
Afshari, Hossein; **Husev, Oleksandr**; **Matiushkin, Oleksandr**; **Pourjafar, Saeed**; Kurdkandi, Naser Vosoughi; **Vinnikov, Dmitri** IEEE transactions on industry applications 2024 / p. 9080-9089 https://doi.org/10.1109/TIA.2024.3452069 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comprehensive comparison of isolated high step-up dc-dc converters for low power application
Pourjafar, Saeed; **Afshari, Hossein**; **Mohseni, Parham**; **Husev, Oleksandr**; **Matiushkin, Oleksandr**; **Shabbir, Noman** IEEE open journal of power electronics 2024 / p. 1149–1161 https://doi.org/10.1109/OJPEL.2024.3433554 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A comprehensive instrument for identifying critical information infrastructure services
Herrera, Luis-Carlos; **Maennel, Olaf Manuel** International Journal of Critical Infrastructure Protection 2019 / p. 50-61 : ill https://doi.org/10.1016/j.ijcip.2019.02.001 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comprehensive performance and robustness analysis of 2D turn models for network-on-chips
Azad, Siavoosh Payandeh; **Niazmand, Behrad**; **Janson, Karl**; Kogge, Thilo; **Raik, Jaan**; **Jervan, Gert**; **Hollstein, Thomas** 2017 IEEE International Symposium on Circuits and Systems (ISCAS) 2017 / p. 1476-1479 : ill https://doi.org/10.1109/ISCAS.2017.8050634 Conference proceedings at Scopus Article at Scopus Article at WOS

A comprehensive review on DC fast charging stations for electric vehicles: standards, power conversion technologies, architectures, energy management, and cybersecurity
Arena, Gabriele; **Chub, Andrii**; Lukianov, Mykola; Strzelecki, Ryszard; **Vinnikov, Dmitri**; de Carne, Giovanni IEEE open journal of power electronics 2024 / p. 1573-1611 https://doi.org/10.1109/OJPEL.2024.3466936 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A comprehensive stepped planing hull systematic series : part 1 - resistance test
Vitiello, Luigi; Mancini, Simone; **Niazmand Bilandi, Rasul**; Dashtimanesh, Abbas; De Luca, Fabio; Nappo, Vincenzo Ocean engineering 2022 / art. 112242 https://doi.org/10.1016/j.oceaneng.2022.112242 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A comprehensive survey on revolutionizing connectivity through artificial intelligence-enabled digital twin network in 6G
Sheraz, Muhammad; Chuah, Teong Chee; Lee, Ying Loong; **Alam, Muhammad Mahtab**; Al-Habashna, Ala'a; Han, Zhu IEEE Access 2024 / p. 49184-49215 https://doi.org/10.1109/ACCESS.2024.3384272 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comprehensive workflow for documenting corporate commuting emissions : a university case study with two alternative approaches
Jiang, Qidi; **Kurnitski, Jarek** Proceedings of the 2nd international conference on advanced civil engineering and smart structures 2024 / p. 68-77 https://doi.org/10.1007/978-981-97-1514-5_8 Conference proceedings at Scopus Article at Scopus

Computation of hysteresis torque and losses in a bearingless synchronous reluctance machine
Belahcen, Anouar; Mukhrejee, Victor; Martin, Floran; Rasilo, Paavo IEEE transactions on magnetics 2018 / art. 7300804, 4 p. : ill https://doi.org/10.1109/TMAG.2017.2765080 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Computation of nonlinear eigenvalues based on the Ore determinant : preliminary results
Halás, Miroslav; **Kaldmäe, Arvo**; **Kotta, Ülle**; Slacka, Juraj Proceedings of the Estonian Academy of Sciences 2024 / p. 366 - 378 https://doi.org/10.3176/proc.2024.4.06 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Computationally efficient method for steel column buckling in fire
Kervalishvili, Andrei; **Talvik, Ivar** Buildings 2023 / 19 p https://doi.org/10.3390/buildings13020407 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Computer science students early drop-out prediction using machine learning : a case study
Maksimova, Natalja; **Pentel, Avar**; **Dunajeva, Olga** Learning with Technologies and Technologies in Learning 2022 / p. 523-549 https://doi.org/10.1007/978-3-031-04286-7_25 Article collection metrics at Scopus Article at Scopus

COMSPECT : a compact model for green vegetation reflectance spectra in the 400–900 nm wavelength range
Udal, Andres; **Jürise, Martin**; **Kaugerand, Jaanus**; **Sell, Raivo** Proceedings of the Estonian Academy of Sciences 2020 / p. 277-286 : ill https://doi.org/10.3176/proc.2020.4.01 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A concept for performance measurement and evaluation in network industries
Kuhi, Kristjan; **Kõrbe Kaare, Kati**; **Koppel, Ott** Proceedings of the Estonian Academy of Sciences 2015 / p. 536-542 : ill https://artiklid.elnet.ee/record=b2750881*est https://doi.org/10.3176/proc.2015.4S.01 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Concept of wireless low-voltage DC socket for the residential house application
Shevchenko, Viktor; **Husev, Oleksandr**; **Pakhaliuk, Bohdan**; **Vinnikov, Dmitri**; Strzelecki, Ryszard IEEE Access 2024 / p. 143226-143236 https://doi.org/10.1109/ACCESS.2024.3471691 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Concept study of sustainable noise control solution for HVAC systems based on microperforated elements

Villau, Margus; **Rämmal, Hans**; **Lavrentjev, Jüri** Proceedings of the Estonian Academy of Sciences 2021 / p. 461-469 : ill https://doi.org/10.3176/proc.2021.4.13 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Conceptual framework of information flow synchronization throughout the building lifecycle
Raitviir, Christopher-Robin; **Lill, Irene** Buildings 2024 / art. 2207 https://doi.org/10.3390/buildings14072207 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Conceptualising building information modelling for construction education
Olowa, Theophilus Oluwarotimi Olatunde; **Witt, Emlyn David Qivitoq**; **Lill, Irene** Journal of civil engineering and management 2020 / p. 551-563 https://doi.org/10.3846/jcem.2020.12918 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Condition monitoring and fault detection for electrical machines using IOT
Raja, Hadi Ashraf; **Vaimann, Toomas**; **Rassõlkin, Anton**; **Kallaste, Ants** Proceedings of the Future Technologies Conference (FTC) 2022. Volume 2 2023 / p. 162-173 https://doi.org/10.1007/978-3-031-18458-1_12 Conference proceedings at Scopus Article at Scopus

Condition monitoring of a Cartesian robot with a mechanically damaged gear to create a fuzzy logic control and diagnosis algorithm
Autsou, Siarhei; **Kudelina, Karolina**; **Vaimann, Toomas**; **Rassõlkin, Anton**; **Kallaste, Ants** Applied sciences 2024 / art. 4241 https://doi.org/10.3390/app14104241 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Confined vortex rings
Danaila, Ionut; **Kaplanski, Felix**; Sazhin, Sergei Vortex Ring Models 2021 / p. 103 - 119 https://doi.org/10.1007/978-3-030-68150-0_5 Article collection metrics at Scopus Article at Scopus

Conformational switching of ethano-bridged Cu,H_2-bis-porphyrin induced by aromatic amines
Bettini, Simona; Maglie, Emanuela; Pagano, Rosanna; **Borovkov, Victor** Beilstein journal of nanotechnology 2015 / p. 2154-2160 : ill https://doi.org/10.3762/bjnano.6.221 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Conservation of Tallinn seaplane hangars
Mändel, Maris; **Õiger, Karl** Proceedings of the Institution of Civil Engineers - Engineering History and Heritage 2016 / p. 3-10 https://doi.org/10.1680/jenhh.15.00011 Journal metrics at Scopus Article at Scopus

Considerations on combining unfolding inverters with partial power regulators in battery–grid interface converters
Galkin, Ilya A.; Saltanovs, Rodions; Bubovich, Alexander; **Blinov, Andrei**; Peftitsis, Dimosthenis Energies 2024 / art. 893 https://doi.org/10.3390/en17040893 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A constitutive model for linear hyperelastic materials with orthotropic inclusions by use of quaternions
Herrmann, Heiko Continuum mechanics and thermodynamics 2021 / p. 1375-1384 https://doi.org/10.1007/s00161-021-00979-4 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Constitutive modeling with single and dual internal variables
Berezovski, Arkadi Entropy 2023 / art. 721, 26 p https://doi.org/10.3390/e25050721 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Construction of flat outputs of nonlinear discrete-time systems in a geometric and an algebraic framework
Kolar, Bernd; **Kaldmäe, Arvo**; Schöberl, Markus; **Kotta, Ülle**; Schlacher, Kurt IFAC-PapersOnLine 2016 / p. 796-801 https://doi.org/10.1016/j.ifacol.2016.10.263 Conference Proceedings at Scopus Article at Scopus Article at WOS

Construction of gender-specific regression models for aortic length estimation based on computed tomography images
Zemtsovskaja, Galina; **Pilt, Kristjan**; Samarin, Andrei; **Albina, Jelena**; **Meigas, Kalju**; **Viigimaa, Margus** Health and technology 2020 / p. 679–687 : ill https://doi.org/10.1007/s12553-019-00391-8 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Contact stiffness parameters for finite element modeling of contact
Sivitski, Alina; **Põdra, Priit** 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. 211-216 : ill https://www.ester.ee/record=b5235278*est https://www.scientific.net/KEM.799.211 https://doi.org/10.4028/www.scientific.net/KEM.799.211 Conference proceeding at Scopus Article at Scopus

Continuing long-term expansion of low-oxygen conditions in the Eastern Gulf of Finland
Stoicescu, Stella-Theresa; Hoikkala, Laura; Fleming, Vivi; **Lips, Urmas** Oceanologia 2024 / p. 139-152 : ill., map https://doi.org/10.1016/j.oceano.2024.02.002 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Continuous, near-bed current velocity estimation using pressure and inertial sensing
Ristolainen, Asko; **Tuhtan, Jeffrey Andrew**; **Kruusmaa, Maarja** IEEE sensors journal 2019 / p. 12398 - 12406 : ill https://doi.org/10.1109/JSEN.2019.2937954 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Continuum mechanics and signals in nerves
Engelbrecht, Jüri; **Tamm, Kert**; **Peets, Tanel** Proceedings of the Estonian Academy of Sciences 2021 / p. 3–18 https://doi.org/10.3176/proc.2021.1.02 https://doi.org/wp-content/plugins/kirj/pub/proc-1-2021-3-18_20210112191450.pdf Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Contribution of wave set-up into the total water level in the Tallinn area
Pindsoo, Katri; **Soomere, Tarmo** Proceedings of the Estonian Academy of Sciences 2015 / p. 338-348 : ill https://artiklid.elnet.ee/record=b2740558*est https://doi.org/10.3176/proc.2015.3S.03 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Control of a three-input DC-DC converter suitable for DC motors
Alizadeh Asl, Amin; Hosseini, Seyed Hossein; **Vosoughi Kurdkandi, Naser**; Alizadeh Asl, Ramin International transactions on electrical energy systems 2022 / art. 4264649, 20 p. : ill https://doi.org/10.1155/2022/4264649 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Control of radial increment and winding density of composite cylindrical shells
Kutin, Aleksei; **Arjassov, Gennadi**; **Vu, Trieu Minh**; Musalimov, Victor; Moezzi, Reza; Cyrus, Jindrich MM science journal 2020 / p. 4149−4153 https://doi.org/10.17973/MMSJ.2020_11_2020058 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Control of texture and microstructure in additive manufacturing of stainless steel 316L
Kumar, Deepak; Shankar, Gyan; **Prashanth, Konda Gokuldoss**; Suwas, Satyam Journal of alloys and compounds 2024 / art. 173040 https://doi.org/10.1016/j.jallcom.2023.173040 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Control scheme of a Three-Phase Three-Level NPC qZ-Source inverter with LCL filter for RES applications
Roncero-Sanches, Pedro; Roncero-Clemente, Carlos; Romero-Cadaval, Enrique; **Husev, Oleksandr**; **Makovenko, Elena** Procedings of the IECON 2016 - 42nd Annual Conference of the IEEE Industrial Electronics Society : Florence, Italy, October 24-27 2016 2016 / p. 6540-6547 https://doi.org/10.1109/IECON.2016.7793338 Conference Proceedings at Scopus Article at Scopus Article at WOS

Controllable limiter of signal amplitudes for bioimpedance measurements
Ojarand, Jaan; **Min, Mart** EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 920-923 : ill https://doi.org/10.1007/978-981-10-5122-7_230 Conference proceedindgs at Scopus Article at Scopus Article at WOS

Controlled bidirectional DC circuit breaker with zero negative current for high load shift applications
Raghavendra I, Venkata; Naik, Satish B.; Sreekanth, Thamballa; **Chub, Andrii** IEEE transactions on industry applications 2022 / p. 6942-6951 https://doi.org/10.1109/TIA.2022.3193345 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Controlling stormwater runoff from impermeable areas by using smart inlets
Kändler, Nils; **Annus, Ivar**; **Vassiljev, Anatoli**; **Puust, Raido**; **Kaur, Katrin** New trends in urban drainage modelling : UDM 2018 : Conference proceedings 2019 / p. 263-268 https://doi.org/10.1007/978-3-319-99867-1_44 Conference proceedings at Scopus Article at Scopus Article at WOS

Convergence theorem for the Haar wavelet based discretization method
Majak, Jüri; Shvartsman, Boris; **Kirs, Maarjus**; **Pohlak, Meelis**; **Herranen, Henrik** Composite structures 2015 / p. 227-232 https://doi.org/10.1016/j.compstruct.2015.02.050 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Converting Tallinn's historic centre's (Old Town) heating system to a district heating system
Volkova, Anna; **Krupenski, Igor**; **Kovtunova, Natalja**; **Hlebnikov, Aleksandr**; **Mašatin, Vladislav**; Ledvanov, Aleksandr Energy 2023 / art. 127429 https://doi.org/10.1016/j.energy.2023.127429 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Cooling thermal comfort and efficiency parameters of ceiling panels, underfloor cooling, fan-assisted radiators, and fan coil
Võsa, Karl-Villem; **Ferrantelli, Andrea**; **Kurnitski, Jarek** Energies 2022 / art. 4156 https://doi.org/10.3390/en15114156 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Cooperative scheduler to enhance massive connectivity in 5G and beyond by minimizing interference in OMA and NOMA

Mwakwata, Collins Burton; **Elgarhy, Osama Mohamed Mostafa**; **Alam, Muhammad Mahtab**; **Le Moullec, Yannick**; Pärand, Sven; Trichias, Konstantinos; Ramantas, Kostas IEEE Systems Journal 2022 / p. 5044-5055
https://doi.org/10.1109/JSYST.2021.3114338 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Coordinated optimization of parameters of PSS and UPFC-PODCs to improve small-signal stability of a power system with renewable energy generation
He, Ping; Shen, Runjie; **Wen, Fushuan**; Pan, Qi Journal of energy engineering 2021 / p. 04020089-1-04020089-11 : ill
https://doi.org/10.1061/(ASCE)EY.1943-7897.0000737 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Co-pyrolysis of woody biomass and oil shale — a kinetics and modelling study
Lyons Ceron, Alejandro; **Ochieng, Richard**; **Sarker, Shiplu**; **Järvik, Oliver**; **Konist, Alar** Energies 2024 / art. 1055
https://doi.org/10.3390/en17051055 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Co-Pyrolysis of Woody Biomass and Oil Shale in a Batch Reactor in CO2, CO2-H2O, and Ar Atmospheres
Lyons Ceron, Alejandro; **Konist, Alar** Energies 2023 / art. 3145 https://doi.org/10.3390/en16073145 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Corporate social responsibility and self-regulation
Alavi, Hamed; Hąbek, Patrycja; Cierna, Helena MM Science Journal 2016 / p. 1121 - 1126
https://doi.org/10.17973/MMSJ.2016_10_201681 Journal metrics at Scopus Article at Scopus

Correcting systematic errors in corona losses measured with phasor measurement units
Tuttelberg, Kaur; **Löper, Mari**; **Kilter, Jako** IEEE transactions on power delivery 2019 / p. 2275-2277 : ill
https://doi.org/10.1109/TPWRD.2019.2917610 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Correction to: Implementation and evaluation of the DAOM framework and support tool for designing blockchain decentralized applications (International Journal of Information Technology, (2021), 13, 6, (2245-2263), 10.1007/s41870-021-00816-6)
Udokwu, Chibuzor; Brandtner, Patrick; **Norta, Alexander**; **Kormiltsõn, Aleksandr**; Matulevičius, Raimundas International Journal of Information Technology (Singapore) 2022 https://doi.org/10.1007/s41870-022-01026-4 Journal metrics at Scopus Article at Scopus

Correction to: Review of state-of-the-art microwave filter tuning techniques and implementation of a novel tuning algorithm using expert-based hybrid learning (Wireless Personal Communications, (2024), 134, 2, (625-681), 10.1007/s11277-024-10894-x)
Sekhri, Even; Kapoor, Rajiv; **Tamre, Mart** Wireless Personal Communications 2024 / p. 683 https://doi.org/10.1007/s11277-024-10941-7 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Corrections to "Opportunities and Challenges of Utilizing Additive Manufacturing Approaches in Thermal Management of Electrical Machines"
Shams Ghahfarokhi, Payam; Podgornovs, Andrejs; **Kallaste, Ants**; Marques Cardoso, Antonio J.; **Belahcen, Anouar**; **Vaimann, Toomas**; **Tiismus, Hans**; **Asad, Bilal** IEEE Access 2021 / p. 62532 https://doi.org/10.1109/ACCESS.2021.3074827 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Correlation between EEG functional connectivity and fasting blood glucose in healthy subjects
Päeske, Laura; **Hinrikus, Hiie**; **Lass, Jaanus**; Põld, Toomas; **Bachmann, Maie** 2024 46th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC) 2024 / p. 1 - 4 https://ieeexplore.ieee.org/document/10781613
https://doi.org/10.1109/EMBC53108.2024.10781613 Conference proceedings at Scopus Article at Scopus

Corrigendum to "An alternative chlorine-assisted optimization of CdS/Sb2Se3 solar cells: Towards understanding of chlorine incorporation mechanism" [J. Alloy. Compd. 1005 (2024) 176175](S0925838824027622)(10.1016/j.jallcom.2024.176175)
Vadakkedath Gopi, Sajeesh; **Spalatu, Nicolae**; **Katerski, Atanas**; Kuliček, Jaroslav; Rezek, Bohuslav; Ukraintsev, Egor; Bařinková, Markéta Šlapal; Zoppi, Guillaume; **Krunks, Malle**; **Acik, Ilona Oja** Journal of alloys and compounds 2024 / art. 176729, 1 p https://doi.org/10.1016/j.jallcom.2024.176729 Journal metrics at Scopus Article at Scopus

Corrigendum to Improvement in iron activation ability of alachlor Fenton-like oxidation by ascorbic acid [Chem. Eng. J. 281 (2015) 566-574] Doi: 10.1016/j.cej.2015.06.115
Bolobajev, Juri; **Trapido, Marina**; **Goi, Anna** Chemical Engineering Journal 2016 / p. 19 https://doi.org/10.1016/j.cej.2015.11.001 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Corrigendum to "New dose-response model and SARS-CoV-2 quanta emission rates for calculating the long-range airborne infection risk" [Build. Environ. 228 (2023) 109924] (S0360132322011544), (10.1016/j.buildenv.2022.109924)
Aganovic, Amar; Cao, Guangyu; **Kurnitski, Jarek**; Wargocki, Pawel Building and environment 2024 / art. 111494, 1 p
https://doi.org/10.1016/j.buildenv.2024.111494 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Corrigendum to "Patient Access to Electronic Health Records: Differences Across Ten Countries" [Health Policy and Technology, 7 (2018), 44–56] (S2211883717300722) (10.1016/j.hlpt.2017.11.003))
Essén, Anna; Scandurra, Isabella; Gerrits, Reinie; Humphrey, Gayl; Johansen, Monika Alise; Kierkegaard, Patrick; **Ross, Peeter** Health Policy and Technology 2018 / p. 224 https://doi.org/10.1016/j.hlpt.2018.04.001 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Corrigendum to "The influence of high energy milling and sintering parameters on reactive sintered (Ti, Mo)C–Ni cermets" [J. Alloys Compd. 636 (2015) 381–386] (S0925838815005009) (10.1016/j.jallcom.2015.02.071))
Jõeleht, Marek; **Pirso, Jüri**; **Juhani, Kristjan**; **Viljus, Mart**; **Traksmaa, Rainer** Journal of alloys and compounds 2018 / p. 128 https://doi.org/10.1016/j.jallcom.2018.05.128 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Corrigendum: Assessment of eutrophication status based on sub-surface oxygen conditions in the Gulf of Finland (Baltic Sea) [Front. Mar. Sci., 6, (2019), (54)] doi: 10.3389/fmars.2019.00054
Stoicescu, Stella-Theresa; **Lips, Urmas**; **Liblik, Taavi** Frontiers in Marine Science 2019 / Art. 233 https://doi.org/10.3389/fmars.2019.00233 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Corrosion and life assessment of IntrexTM superheater tubes in a CFB oil shale boiler
Dedov, Andrei; **Klevtsov, Ivan**; **Lausmaa, Toomas**; **Hlebnikov, Aleksandr**; **Bojarinova, Tatjana** Applied thermal engineering 2016 / p. 468-478 : ill https://doi.org/10.1016/j.applthermaleng.2015.12.061 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Corrosion behavior of 17–4 PH stainless steel manufactured by laser powder bed fusion: Effect of graphene coating and heat-treatment
Maharana, P.; Sahu, D. K.; Sahoo, D.; Mallik, A.; Mishra, S.; Ramakrishna, M.; **Prashanth, Konda Gokuldoss**; Gollapudi, S. Materials today communications 2024 / art. 111098 https://doi.org/10.1016/j.mtcomm.2024.111098 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Cost and energy reduction of a New nZEB wooden building
Arumägi, Endrik; **Kalamees, Targo** Energies 2020 / art. 3570, 16 p. : ill https://doi.org/10.3390/en13143570 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Cost effectiveness of energy performance improvements in Estonian brick apartment buildings
Kuusk, Kalle; **Kalamees, Targo**; **Maivel, Mikk** Energy and buildings 2014 / p. 313-322 : ill https://doi.org/10.1016/j.enbuild.2014.03.026 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Cost optimal and nearly zero energy building solutions for office buildings
Pikas, Ergo; **Thalfeldt, Martin**; **Kurnitski, Jarek** Energy and buildings 2014 / p. 30-42 : ill https://doi.org/10.1016/j.enbuild.2014.01.039 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Cost optimal energy performance
Kurnitski, Jarek Cost optimal and nearly zero-energy buildings (nZEB) : definitions, calculation principles and case studies 2013 / p. 47-56 : ill https://doi.org/10.1007/978-1-4471-5610-9_4 Article collection metrics at Scopus Article at Scopus

Cost savings and CO2 emissions reduction potential in the German district heating system with demand response
Ju, Yuchen; Lindholm, Joakim; Verbeck, Moritz; **Jokisalo, Juha**; **Kosonen, Risto**; Janßen, Philipp; Li, Yantong; Schäfers, Hans; Nord, Natasa Science and Technology for the Built Environment 2022 / p. 255 - 274 https://doi.org/10.1080/23744731.2021.2018875 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Cost/comfort-oriented clustering-based extended time of use pricing
Azizi, Elnaz; Shotorbani, R.; **Ahmadiahangar, Roya**; Mohammadi-Ivatloo, B.; **Rosin, Argo**; Sadiq, R. Sustainable cities and society 2021 / art. 102673, 10 p. : ill https://doi.org/10.1016/j.scs.2020.102673 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Cost-benefit analysis of nZEB energy efficiency strategies with on-site photovoltaic generation
Pikas, Ergo; **Kurnitski, Jarek**; **Thalfeldt, Martin**; Koskela, Lauri Energy 2017 / p. 291-301 : ill https://doi.org/10.1016/j.energy.2017.03.158 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Artile at WOS

The cost-competitiveness of concentrated solar power with thermal energy storage in power systems with high solar penetration levels
Miron, Dror; Navon, Aviad; Levron, Yoash; **Belikov, Juri**; Rotschild, Carmel Journal of Energy Storage 2023 / art. 108464 https://doi.org/10.1016/j.est.2023.108464 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A cost-effective electric vehicle intelligent charge scheduling method for commercial smart parking lots using a simplified convex relaxation technique
Jawad, Muhammad; Qureshi, Muhammad Bilal; Ali, Sahibzada Muhammad; **Shabbir, Noman**; Khan, Muhammad Usman; Aloraini, Afnan; Nawaz, Raheel Sensors 2020 / p. 1-19 https://doi.org/10.3390/s20174842 Journal metrics at Scopus Article at Scopus Journal

metrics at WOS Article at WOS

Cost-effective heating control approaches by demand response and peak demand limiting in an educational office building with district heating
Yuan, Xiaolei; Vand, Behrang; Martin, Kristian; **Jokisalo, Juha**; Liang, Yumin; **Kosonen, Risto**; Pan, Yiqun Buildings 2023 / art. 332, 18 p. : ill https://doi.org/10.3390/buildings13020332 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Cost-effective piggyback forward dc-dc converter
Matiushkin, Oleksandr; **Husev, Oleksandr**; **Afshari, Hossein**; **Vinnikov, Dmitri**; **Strzelecki, Ryszard** 2024 IEEE Applied Power Electronics Conference and Exposition (APEC) 2024 / p. 2106-2111 https://doi.org/10.1109/APEC48139.2024.10509355 Conference proceedings at Scopus Article at Scopus Article at WOS

Cost-efficient network planning for the cross-border Baltic corridor—a study
Elgarhy, Osama Mohamed Mostafa; **Alam, Mohammad Saad**; **Tammets, Anet**; **Roosipuu, Priit**; Ancans, Guntis; Saidans, Guntars; Tutovs, Jurijs; Saliņš, Klavs; Verdiņš, A.; Aleksandrovs, M.; Perševics, A.; Zariņš, D.; Uusmaa, Mart; Uhtlik, Ove; Soom, Priit Sensors 2023 / art. 8111 https://doi.org/10.3390/s23198111 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Cost-optimal renovation solutions for detached rural houses in Severe cold regions of China
Hu, Xinyi; **Jokisalo, Juha**; **Kosonen, Risto**; Lehtonen, Matti; Shao, Teng Buildings 2023 / art. 771, 19 p. : ill https://doi.org/10.3390/buildings13030771 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Covalent coupling of ionic liquid to carbon nanotubes : preparation and tribological properties
Taaber, Triinu; Põhako-Esko, Kaija; **Antonov, Maksim**; **Veinthal, Renno** Materials Research Society symposium proceedings 2014 / p. UU06-30 : ill https://doi.org/10.1557/opl.2014.539 Conference proceedings at Scopus Article at Scopus

COVID-19's impact on the quality of educational process and the academic performance as viewed by IT students : a case study in text mining
Dunajeva, Olga; **Pentel, Avar**; **Maksimova, Natalja** ICL 2021: Mobility for Smart Cities and Regional Development - Challenges for Higher Education : proceedings of the 24th International Conference on Interactive Collaborative Learning (ICL2021). Vol. 1 2022 / p. 417-425 https://doi.org/10.1007/978-3-030-93904-5_42 Conference proceedings at Scopus Article at Scopus Article at WOS

CPT, CPTu and DCPT methods for predicting the ultimate bearing capacity of cast in situ displacement piles in silty soils
Leetsaar, Lehar; Korkiala-Tanttu, Leena; **Kurnitski, Jarek** Geotechnical and Geological Engineering 2022 / p. 631-652 : ill https://doi.org/10.1007/s10706-022-02292-6 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Crack formation and control in an AlCoCrFeNi high entropy alloy fabricated by selective laser melting
Wei, Shuimiao; Ma, Pan; Fang, Yacheng; Zhang, Zhiyu; Yang, Zhilu; Shi, Xuerong; **Prashanth, Konda Gokuldoss** 3D Printing and Additive Manufacturing 2024 / p. E628 - E637 https://doi.org/10.1089/3dp.2022.0142 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Crashworthiness performance of stiffened bottom tank structure subjected to impact loading conditions : ship-rock interaction
Prabowo, Aditya Rio; Sohn, Jung Min; **Putranto, Teguh** Curved and Layered Structures 2019 / p. 245–258 : ill https://doi.org/10.1515/cls-2019-0016 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Creating randomness with games
Henno, Jaak; Jaakkola, Hannu; Mäkelä, Jukka Acta Polytechnica Hungarica : journal of applied sciences at Budapest Polytechnic Hungary 2019 / p. 193-212 : ill http://acta.uni-obuda.hu/Henno_Jaakkola_Makela_96.pdf https://doi.org/10.12700/APH.16.9.2019.9.11 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Creation of smart-contracting collaborations for decentralized autonomous organizations
Norta, Alexander Perspectives in business informatics research : 14th International Conference, BIR 2015, Tartu, Estonia, August 26-28, 2015 : proceedings 2015 / p. 3-17 https://doi.org/10.1007/978-3-319-21915-8_1 Conference proceedings at Scopus Article at Scopus

Creep and high temperature fatigue performance of as build selective laser melted Ti-based 6Al-4V titanium alloy
Viespoli, Luigi Mario; Bressan, Stefano; Itoh, Takamoto; Hiyoshi, Noritake; **Prashanth, Konda Gokuldoss**; Berto, Filippo Engineering failure analysis 2020 / art. 104477, 9 p. : ill https://doi.org/10.1016/j.engfailanal.2020.104477 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Crest factor optimization of the multisine waveform for bioimpedance spectroscopy
Ojarand, Jaan; **Min, Mart**; **Annus, Paul** Physiological measurement 2014 / p. 1019-1033 : ill https://doi.org/10.1088/0967-3334/35/6/1019 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Criteria for modelling wave phenomena in complex systems : the case of signals in nerves

Engelbrecht, Jüri; **Tamm, Kert**; **Peets, Tanel** Proceedings of the Estonian Academy of Sciences 2019 / p. 276–283 : ill https://doi.org/10.3176/proc.2019.3.05 http://www.kirj.ee/public/proceedings_pdf/2019/issue_3/proc-2019-3-276-283.pdf Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Critical aspects for collision induced oil spill response and recovery system in ice conditions: A model-based analysis
Lu, Liangliang; Goerlandt, Floris; **Tabri, Kristjan**; Hoglund, Anders; Banda, Osiris A. Valdez; Kujala, Pentti Journal of loss prevention in the process industries 2020 / art. 104198, 20 p. : ill https://doi.org/10.1016/j.jlp.2020.104198 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Critical factors for effective BIM-Enabled education : an adaptive structuration theory perspective
Olowa, Theophilus Oluwarotimi Olatunde; **Witt, Emlyn David Qivitoq**; **Lill, Irene**; Rasheed, A.; Abdulmumin, A.; Adebiyi, R. Buildings 2023 / art. 3044, 18 p. : ill https://doi.org/10.3390/buildings13123044 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Critical radius of zirconia inclusions in transformation toughening of ceramics
Filippov, Roman; Freidin, Alexander; **Hussainova, Irina**; Vilchevskaya, Elena Physical mesomechanics 2015 / p. 33-42 : ill https://doi.org/10.1134/S1029959915010051 Journal metrics at Scopus Article at Scopus Journal metrics vat WOS Article at WOS

A cross disciplinary framework for cost-benefit optimization of marine litter cleanup at regional scale
Christensen, Asbjørn; Tsiaras, Kostas; Murawski, Jens; Hatzonikolakis, Yannis; She, Jun; John, Michael St; **Lips, Urmas**; **Brouwer, Roy** Frontiers in marine science 2021 / art. 744208, 18 p. : ill https://doi.org/10.3389/fmars.2021.744208 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A cross-country comparison of user experience of public autonomous transport
Bellone, Mauro; Ismailogullari, Azat; Kantala, Tommi; Mäkinen, Sami; **Soe, Ralf-Martin**; Kyyrö, Milla Aman European transport research review 2021 / art. 19 https://doi.org/10.1186/s12544-021-00477-3 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Cross-cultural differences in driver aggression, aberrant, and positive driver behaviors
Ersan, Özlem; Üzümcüoglu, Yesim; Azık, Derya; **Pashkevich, Anton**; **Pashkevich, Maria** Transportation research part F: traffic psychology and behaviour 2020 / p. 88-97 https://doi.org/10.1016/j.trf.2020.03.020 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Cross-cultural differences in pedestrian behaviors in relation to values : a comparison of five countries
Solmazer, Gaye; Azık, Derya; Fındık, Gizem; Üzümcüoğlu, Yeşim; **Pashkevich, Anton**; **Pashkevich, Maria** Accident analysis & prevention 2020 / art. 105459 https://doi.org/10.1016/j.aap.2020.105459 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Cross-disciplinary remote course for mixed group of students and professionals
Lähdeaho, Oskari; **Hilmola, Olli-Pekka Kristian** Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 1 2021 / p. 3-12 https://doi.org/10.1007/978-3-030-68198-2_1 Conference Proceedings at Scopus Article at Scopus Article at WOS

Cross-shore profile evolution after an extreme erosion event—Palanga, Lithuania
Kelpšaitė-Rimkienė, Loreta; **Parnell, Kevin Ellis**; Žaromskis, Rimas; Kondrat, Vitalijus Journal of marine science and engineering 2021 / art. 38, p. 1−15 : ill https://doi.org/10.3390/jmse9010038 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Crystallization and growth kinetics of Zr65Cu25Ni5Ag2.5Al2.5 glass
Prashanth, Konda Gokuldoss Material design & processing communications 2020 / art. e137, 10 p. : ill https://doi.org/10.1002/mdp2.137 Journal metrics at Scopus Article at Scopus

Current challenges in operation, performance, and maintenance of photovoltaic panels
Orosz, Tamas; **Rassõlkin, Anton**; Arsenio, Pedro; Poor, Peter; **Valme, Daniil**; Sleisz, Adam Energies 2024 / art. 1306 https://doi.org/10.3390/en17061306 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Current harmonic aggregation cases for contemporary loads
Daniel, Kamran; **Kütt, Lauri**; **Iqbal, Muhammad Naveed**; **Shabbir, Noman** Energies 2022 / art. 437 https://doi.org/10.3390/en15020437 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Current sensorless control for half-bridge based AC/DC PFC converter with consideration of conduction losses
Suzdalenko, Alexander; **Chub, Andrii** International journal of circuit theory and applications 2016 / p. 2072-2084 : ill https://doi.org/10.1002/cta.2212 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A current spectrum-based algorithm for fault detection of electrical machines using low-power data acquisition devices
Asad, Bilal; **Raja, Hadi Ashraf**; **Vaimann, Toomas**; **Kallaste, Ants**; Pomarnacki, Raimondas; Hyunh, Van Khang Electronics 2023

/ art. 1746 https://doi.org/10.3390/electronics12071746 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Current-fed partial power converter for photovoltaic aplications in DC microgrids
Jalakas, Tanel; **Kosenko, Roman**; **Chub, Andrii**; **Vinnikov, Dmitri**; **Blinov, Andrei** IECON 2021 – 47th Annual Conference of the IEEE Industrial Electronics Society 2021 / p. 1-5 : ill https://doi.org/10.1109/IECON48115.2021.9589899 Conference Proceedings at Scopus Article at Scopus Article at WOS

Curricula updates through students' participation in international competition
Valme, Daniil; **Belolipetskaja, Diana**; **Rassõlkin, Anton**; **Leoste, Janika**; **Rüütmann, Tiia** Robotics in education : proceedings of the RiE 2024 conference 2024 / p. 352-364 https://doi.org/10.1007/978-3-031-67059-6_31 Conference proceedings at Scopus Article at Scopus Article at WOS

Cyber attacks on critical infrastructures and satellite communications
Carlo, Antonio; Obergfaell, Kim International Journal of Critical Infrastructure Protection 2024 / art. 100701, 8 p. https://doi.org/10.1016/j.ijcip.2024.100701 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Cyber range and digital twin technologies for space resiliency and security
Carlo, Antonio; Manti, Nebile Pelin; Edl, András; Bintang Alam Semesta Wisran, A.M.; Breda, Paola 57th IAA Symposium on Safety, Quality and Knowledge Management in Space Activities : held at the 75th International Astronautical Congress (IAC 2024) : Milan, Italy, 14-18 October 2024 Proceedings of the International Astronautical Congress, IAC 2024 / p. 322-332 https://doi.org/10.52202/078376-0032 Conference proceedings at Scopus Article at Scopus

Cyber warfare
Ottis, Rain Cyber security : analytics, technology and automation 2015 / p. 89-96 https://doi.org/10.1007/978-3-319-18302-2_6 Article collection metrics at Scopus Article at Scopus

Cyber vulnerabilities and risks of AI technologies in space applications
Breda, Paola; Abdin, Adam; Markova, Rada; Jha, Devanshu; **Carlo, Antonio**; Pelin Manti, Nebile IAC 2022 congress proceedings 2022 / art. 70380 https://dl.iafastro.directory/event/IAC-2022/paper/70380/ Conference proceedings at Scopus Article at Scopus

Cyclic loading of TiCN coating by Vickers indentation
Saarna, Mart; **Lind, Liina**; **Peetsalu, Priidu**; **Sergejev, Fjodor** Engineering materials and tribology XXV 2017 / p. 425-429 https://doi.org/10.4028/www.scientific.net/KEM.721.425 Conference proceedings at Scopus Article at Scopus

DADS : decentralized attestation for device swarms
Wedaj, Samuel; **Paul, Kolin**; Ribeiro, Vinay J. ACM Transactions on Privacy and Security 2019 / Art. 19 https://doi.org/10.1145/3325822 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Damping characteristics of interconnected power systems with wind-photovoltaic-thermal-bundled power transmitted by AC/DC systems
He, Ping; Li, Zhao; Zheng, Mingmimg; **Wen, Fushuan**; Ji, Yugi; Wu, Xinxin Journal of energy engineering 2021 / p. 04021029-1-04021029-10 : ill https://doi.org/10.1061/(ASCE)EY.1943-7897.0000765 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Damping of acoustic waves in straight ducts and turbulent flow conditions
Tiikoja, Heiki; **Auriemma, Fabio**; **Lavrentjev, Jüri** SAE Technical Paper Series : 9th International Styrian Noise, Vibration & Harshness Congress : The European Automotive Noise Conference 2016 / Paper 2016-01-1816, p. 1-9 : ill https://doi.org/10.4271/2016-01-1816 Conference Proceedings at Scopus Article at scopus

DAT: deep learning-based acceleration-aware trajectory forecasting
Sharifi, Ali Asghar; Zoljodi, Ali; **Daneshtalab, Masoud** Journal of imaging 2024 / art. 321, 16 p. : ill https://doi.org/10.3390/jimaging10120321 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Data generative machine learning model for the assessment of outdoor thermal and wind comfort in a northern urban environment
Eslamirad, Nasim; **De Luca, Francesco**; **Lylykangas, Kimmo Sakari**; **Ben Yahia, Sadok** Frontiers of architectural research 2023 / p. 541-555 : ill https://doi.org/10.1016/j.foar.2022.12.001 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Data integration patterns for data warehouse automation
Tomingas, Kalle; Kliimask, Margus; **Tammet, Tanel** New Trends in Database and Information Systems II : selected papers of the 18th East European Conference on Advances in Databases and Information Systems and Associated Satellite Events, ADBIS 2014 Ohrid, Macedonia, September 7-10, 2014 : proceedings. II 2015 / p. 41-55 https://doi.org/10.1007/978-3-319-10518-5_4 Conference proceedings at Scopus Article at Scopus Article at WOS

Data processing and performance testing of a low-cost surface drifter design for use in coastal waters
Torsvik, Tomas Proceedings of the Estonian Academy of Sciences 2016 / p. 58-67 : ill https://doi.org/10.3176/proc.2016.1.06 https://artiklid.elnet.ee/record=b2760716*est Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Database driven updatable hydraulic model for decision making
Koor, Margus; **Puust, Raido**; **Vassiljev, Anatoli** Procedia engineering 2014 / p. 959-968 : ill https://doi.org/10.1016/j.proeng.2014.02.107 Conference proceedings at Scopus Article at Scopus Article at WOS

A data-centric algorithm for identifying use cases
Eessaar, Erki Software Engineering Perspectives and Application in Intelligent Systems : proceedings of the 5th Computer Science On-line Conference 2016 (CSOC2016), Vol 2 2016 / p. 303-316 https://doi.org/10.1007/978-3-319-33622-0_28 Conference Proceedings at Scopus Article at Scopus Article at WOS

Data-driven approaches based microwave filter tuning - a review
Sekhri, Even; **Tamre, Mart**; Kapoor, Rajiv Advances in Artificial-Business Analytics and Quantum Machine Learning : Select Proceedings of the 3rd International Conference, Com-IT-Con 2023, Volume 2 2024 / p. 273-286 https://doi.org/10.1007/978-981-97-4860-0_22 Conference proceedings at Scopus Article at Scopus

Data-driven baseline generation for post-retrofit energy saving assessment, a comparison of statistical and machine learning methods
Kuivjõgi, Helena; **Vasman, Sofia**; **Petlenkov, Eduard**; **Thalfeldt, Martin**; **Kurnitski, Jarek** Journal of building engineering 2024 / art. 111016 https://doi.org/10.1016/j.jobe.2024.111016 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Data-driven control for nonlinear automated vehicles with multi-description coding for handling data dropouts
Zhang, Shuhua; Ma, Lifeng; **Charalambous, Themistoklis** 2024 IEEE 63rd Conference on Decision and Control (CDC) 2024 / p. 7387 - 7392 https://doi.org/10.1109/CDC56724.2024.10886494 Conference proceedings at Scopus Article at Scopus

Data-driven model predictive techniques for unknown linear time invariant systems
Ghorbani, Majid IEEE Control Systems Letters 2024 / p. 199 - 204 https://doi.org/10.1109/LCSYS.2024.3359068 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Data-driven occupancy profile identification and application to the ventilation schedule in a school building
Vassiljeva, Kristina; **Matson, Margarita**; **Ferrantelli, Andrea**; **Petlenkov, Eduard**; **Thalfeldt, Martin**; **Belikov, Juri** Energies 2024 / art. 3080 https://doi.org/10.3390/en17133080 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Day-ahead economical planning of multi-vector energy district considering demand response program
Ghasemi-Marzbali, Ali; Shafiei, Mohammad; **Ahmadiahangar, Roya** Applied energy 2023 / art. 120351 https://doi.org/10.1016/j.apenergy.2022.120351 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Day-ahead market modelling of large-scale highly-renewable multi-energy systems : analysis of the North Sea region towards 2050
Gea-Bermudez, Juan; Das, Kaushik; **Koduvere, Hardi**; Koivisto, Matti J. Energies 2021 / art. 88, 17 p. : ill https://doi.org/10.3390/en14010088 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

DC integration of residential photovoltaic systems : a survey
Abdelrahim Abdelghafour, Omar Mohamed; **Chub, Andrii**; **Vinnikov, Dmitri**; **Blinov, Andrei** IEEE Access 2022 / p. 66974-66991 https://doi.org/10.1109/ACCESS.2022.3185788 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

DC microgrid: state of art, driving force, challenges and perspectives
Husev, Oleksandr; **Vinnikov, Dmitri** Power Systems Research and Operation : Selected Problems III 2024 / p. 149-190 https://doi.org/10.1007/978-3-031-44772-3_8 Article collection metrics at Scopus Article at Scopus

The DC transformer power electronic building block : powering next-generation converter design
Flores-Bahamonde, Freddy; Renaudineau, Hugues; **Chub, Andrii** IEEE industrial electronics magazine 2023 / p. 21-35 https://doi.org/10.1109/MIE.2022.3147168 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

DC voltage sensorless predictive control of a high-efficiency PFC single-phase rectifier based on the versatile buck-boost converter
González-Castaño, Catalina; Restrepo, Carlos; Sanz, Fredy; **Chub, Andrii**; Giral, Roberto Sensors 2021 / art. 5107

https://doi.org/10.3390/s21155107 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

DC-conductivity testing combined with photometry for measuring fibre orientations in SFRC
Eik, Marika; **Lõhmus, Karl**; **Tigasson, Martin**; **Listak, Madis**; Puttonen, Jari; **Herrmann, Heiko** Journal of materials science 2013 / p. 3745-3759 : ill https://doi.org/10.1007/s10853-013-7174-3 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

DC-ready photovoltaic solar converter
Matiushkin, Oleksandr; **Husev, Oleksandr**; **Vinnikov, Dmitri**; **Kurnitski, Jarek** PCIM Europe 2023 : Conference proceedings 2023 / 7 p https://doi.org/10.30420/566091094 Conference proceedings at Scopus Article at Scopus

Decision-making framework for used industrial equipment
Karaulova, Tatjana; Bashkite, Viktoria Engineering Economics 2016 / p. 23 - 31 https://doi.org/10.5755/j01.ee.27.1.8618 Journal metrics at Scopus article at Scopus Journal metrics at WOS Article at WOS

Decoding the smart city
Vainio, Teija; Hodson, Elise; Sayún, Michel Nader; **Soe, Ralf-Martin** Interaction design and architecture(s) 2021 / p. 59-62 https://doi.org/10.55612/s-5002-050-002pfs Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Decomposing of cardiac and respiratory signals from electrical bio-impedance data using filtering method
Mughal, Yar M. The International Conference on Health Informatics : ICHI 2013, Vilamoura, Portugal on 7-9 November, 2013 2014 / p. 252-255 : ill https://doi.org/10.1007/978-3-319-03005-0_64 Conference proceedings at Scopus Article at Scopus

Decreasing leakage and operational cost for BBLAWN
Vassiljev, Anatoli; **Puust, Raido** Journal of water resources planning and management 2016 / art. C4015011 https://doi.org/10.1061/(ASCE)WR.1943-5452.0000612 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Deep CNN based classification of the Archimedes spiral drawing tests to support diagnostics of the Parkinson's disease
Nõmm, Sven; **Zarembo, Sergei**; Medijainen, Kadri; Taba, Pille; Toomela, Aaro IFAC-Papers OnLine 2020 / p. 260-264 https://doi.org/10.1016/j.ifacol.2021.04.185 Conference proceedings at Scopus Article at Scopus Article at WOS

Deep learning based audio-visual emotion recognition in a smart learning environment
Dunajeva, Olga; **Pentel, Avar**; **Ivleva, Natalja**; **Juštšenko, Valeria** Towards a Hybrid, Flexible and Socially Engaged Higher Education : proceedings of the 26th International Conference on Interactive Collaborative Learning (ICL2023), vol. 1 2024 / p. 420-431 https://doi.org/10.1007/978-3-031-51979-6_44 Conference proceedings at scopus Article at Scopus Article at WOS

Deep reinforcement learning-based digital twin for droplet microfluidics control
Gyimah, Nafisat; **Scheler, Ott**; **Rang, Toomas**; **Pardy, Tamas** Physics of Fluids 2023 / art. 082020 https://doi.org/10.1063/5.0159981 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Defect studies in Cu2ZnSnSe4 and Cu2ZnSn(Se0.75S0.25)4 by admittance and photoluminescence spectroscopy
Kask, Erkki; **Grossberg, Maarja**; **Josepson, Raavo**; **Salu, Pille**; **Timmo, Kristi**; **Krustok, Jüri** Materials science in semiconductor processing 2013 / p. 992-996 : ill https://doi.org/10.1016/j.mssp.2013.02.009 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Defining a BIM-enabled learning environment - an adaptive structuration theory perspective
Olowa, Theophilus Oluwarotimi Olatunde; **Witt, Emlyn David Qivitoq**; Morganti, Caterina; Teittinine, Toni; **Lill, Irene** Buildings 2022 / art. 292 https://doi.org/10.3390/buildings12030292 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Deformation mechanism studies by varying height to diameter ratio of Al-Mg and Al-Mg-C metal matrix composites
Sharma, Shubham; **Singh, Neera**; Kumar, Devendra; Gupta, Sumit; Chaudhary, Vijay; Gupta, Niraj; Gupta, Pallav Journal of Advanced Manufacturing Systems 2023 / p. 603-618 https://doi.org/10.1142/S0219686723500270 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Deformation waves in microstructured solids and dimensionless parameters
Engelbrecht, Jüri; **Peets, Tanel**; **Tamm, Kert**; **Salupere, Andrus** Proceedings of the Estonian Academy of Sciences 2013 / p. 109-115 : ill https://artiklid.elnet.ee/record=b2624195*est https://doi.org/10.3176/proc.2013.2.04 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Deformation-burst schemes of 3-piece aerosol containers
Ratas, Kaarin; **Peetsalu, Priidu** Engineering materials & tribology XXII 2014 / p. 55-58 https://doi.org/10.4028/www.scientific.net/KEM.604.55 Conference proceedings at Scopus Article at Scopus Conference proceedings at WOS Article at WOS

Degradation of 600-V 4H-SiC Schottky diodes under irradiation with 0.9 MeV electrons
Lebedev, Alexander A.; Davidovskaja, Klavdia; Kozlovski, Vitali V.; **Korolkov, Oleg**; **Sleptšuk, Natalja**; **Toompuu, Jana** Silicon Carbide and Related Materials 2016 : selected, peer reviewed papers from the 11th European Conference on Silicon Carbide and Related Materials 2016 (ECSCRM 2016), September 25-29, 2016, Halkidiki, Greece 2017 / p. 447-450 : ill
https://doi.org/10.4028/www.scientific.net/MSF.897.447 Conference proceedings at Scopus Article at Scopus

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

Degradation of levofloxacin in aqueous solutions by Fenton, ferrous ion-activated persulfate and combined Fenton/persulfate systems
Epold, Irina; **Trapido, Marina**; **Dulova, Niina** Chemical engineering journal 2015 / p. 452-462 : ill
https://doi.org/10.1016/j.cej.2015.05.054 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Degradation of naproxen by ferrous ion-activated hydrogen peroxide, persulfate and combined hydrogen peroxide/persulfate processes : the effect of citric acid addition
Dulova, Niina; **Kattel, Eneliis**; **Trapido, Marina** Chemical engineering journal 2017 / p. 254-263 : ill
https://doi.org/10.1016/j.cej.2016.07.006 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Degree of Dieudonne determinant defines the order of nonlinear system
Kotta, Ülle; **Belikov, Juri**; Halas, Miroslav; **Leibak, Alar** International journal of control 2019 / p. 518-527
https://doi.org/10.1080/00207179.2017.1361042 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Delightful daylighting : a framework for describing the experience of daylighting in Nordic homes and 'coupling it with quantitative assessments
Viikberg, Hanna; **Sepulveda Luque, Abel**; **De Luca, Francesco** Energies 2022 / art. 1815 https://doi.org/10.3390/en15051815 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Demand controlled ventilation indoor climate and energy performance in a high performance building with air flow rate controlled chilled beams
Ahmed, Kaiser; **Kurnitski, Jarek**; Sormunen, Piia Energy and buildings 2015 / p. 115-126 : ill
https://doi.org/10.1016/j.enbuild.2015.09.052 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Demand side management in small power systems - the Estonian case study
Drovtar, Imre; **Rosin, Argo**; **Kilter, Jako** Elektronika ir elektrotechnika = Electronics and electrical engineering 2016 / p. 13-19 : ill
https://doi.org/10.5755/j01.eie.22.3.15308 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Densification and characterization of spark plasma sintered ZrC–ZrO2 composites
Hussainova, Irina; **Voltšihhin, Nikolai**; Cura, M. Erkin; Hannula, Simo-Pekka Materials science and engineering : A - structural materials: properties, microstructure and processing 2014 / p. 75-81 : ill https://doi.org/10.1016/j.msea.2013.12.058 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Densification of the eggshell powder by spark plasma sintering
Shukla, Riddhi Hirenkumar; Sokkalingam, Rathinavelu; **Prashanth, Konda Gokuldoss** Journal of alloys and compounds 2023 / art. 171079 https://doi.org/10.1016/j.jallcom.2023.171079 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Dependence of the carrier removal rate in 4H-SIC PN structures on irradiation temperature
Lebedev, Alexander A.; Davydovskaya, Klavdya S.; Kozlovski, Vitali V.; **Korolkov, Oleg**; **Sleptsuk, Natalja**; **Toompuu, Jana** Silicon Carbide and Related Materials 2018 : 12th European Conference on Silicon Carbide and Related Materials (ECSCRM 2018) : Selected, peer reviewed papers from the European Conference on Silicon Carbide and Related Materials (ECSCRM 2018), September 2-6, 2018,Birmingham, UK 2019 / p. 730-733 https://doi.org/10.4028/www.scientific.net/MSF.963.730 Conference proceeding at Scopus Article at Scopus

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

Depth control of the biomimetic U-CAT turtle-like AUV with experiments in real operating conditions

Chemori, Ahmed; **Kuusmik, Keijo**; **Salumäe, Taavi**; **Kruusmaa, Maarja** 2016 IEEE International Conference on Robotics and Automation : Stockholm, Sweden, May 16th-21st 2016 / p. 4750-4755 : ill https://doi.org/10.1109/ICRA.2016.7487677 Conference Proceedings at Scopus Article at Scopus Article at WOS

Derivation of Bioimpedance Model Data Utilizing a Compact Analyzer and Two Capacitive Electrodes : A Forearm Example
Ojarand, Jaan; **Priidel, Eiko**; **Min, Mart** IEEE Transactions on Biomedical Circuits and Systems 2022 / p. 891-901 https://doi.org/10.1109/TBCAS.2022.3206666 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Design and analysis of a DC solid-state circuit breaker for residential energy router application
Rahimpour, Saeed; **Husev, Oleksandr**; **Vinnikov, Dmitri** Energies 2022 / art. 9434 https://doi.org/10.3390/en15249434 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Design and experimental validation of a single-stage PV string inverter with optimal number of interleaved buck-boost cells
Fesenko, Artem; **Matiushkin, Oleksandr**; **Husev, Oleksandr**; **Vinnikov, Dmitri**; Strzelecki, Ryszard; Kołodziejek, Pjotr Energies 2021 / art. 2448, p., 17 p. : ill https://doi.org/10.3390/en14092448 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Design and implementation of a mechatronic elbow orthosis
Minh, Vu Trieu; **Tamre, Mart**; Safonov, Aleksei; Musalimov, Victor; Kovalenko, Pavel; Monakhov, Iurii Mechatronic Systems and Control 2020 / p. 231 - 238 https://doi.org/10.2316/J.2020.201-0056 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Design and implementation of fractional-order PID controllers for a fluid tank system
Tepljakov, Aleksei; **Petlenkov, Eduard**; **Belikov, Juri**; Halas, Miroslav 2013 American Control Conference (ACC) : Washington, DC, USA, June 17-19, 2013 2013 / p. 1777-1782 : ill https://doi.org/10.1109/acc.2013.6580093 Conference Proceedings at Scopus Article at Scopus

Design and manufacturing of composite laminates with structural health monitoring capabilities
Herranen, Henrik; **Majak, Jüri**; **Tšukrejev, Pavel**; **Karjust, Kristo**; **Märtens, Olev** Procedia CIRP 2018 / p. 647-652 : ill https://doi.org/10.1016/j.procir.2018.03.128 Conference Proceedings at Scopus Article at Scopus Article at WOS

Design and manufacturing of variable angle tow laminate
Haavajõe, Anti; **Mikola, Madis**; **Pohlak, Meelis** Engineering materials and tribology : selected, peer reviewed papers from the 24th International Baltic Conference on Engineering Materials & Tribology (BALTMATTRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia 2016 / p. 59-64 : ill https://doi.org/10.4028/www.scientific.net/KEM.674.59 Conference Proceedings at Scopus Article at Scopus

Design and optimization of AlN based RF MEMS switches
Ziko, Mehadi Hasan; **Koel, Ants** IOP conference series : materials science and engineering 2018 / 012002 ; 9 p.: ill https://doi.org/10.1088/1757-899X/362/1/012002 Conference proceedings at Scopus Article at Scopus Article at WOS

Design and performance of acoustic metamaterial structure for inlet duct noise attenuation
Lavrentjev, Jüri; **Rämmal, Hans** SAE Technical Papers 2017 / 2017-32-0066, [6] p. : ill https://www.sae.org/publications/technical-papers/content/2017-32-0066/ Conference proceedings at Scopus Article at Scopus

Design and performance of laser additively manufactured core induction motor
Tiismus, Hans; **Kallaste, Ants**; **Naseer, Muhammad Usman**; **Vaimann, Toomas**; **Rassõlkin, Anton** IEEE Access 2022 / p. 50137-50152 https://doi.org/10.1109/ACCESS.2022.3173317 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Design and prototyping of directly driven outer rotor permanent magnet generator for small scale wind turbines [Online resource]
Vaimann, Toomas; **Kudrjavtsev, Oleg**; **Kilk, Aleksander**; **Kallaste, Ants**; **Rassõlkin, Anton** Advances in electrical and electronic engineering 2018 / p. 271-278 : ill https://doi.org/10.15598/aeee.v16i3.2698 Journal metrics at Scopus Article at Scopus

Design and simulation of the robust ABS and ESP fuzzy logic controller on the complex braking maneuvers
Aksjonov, Andrei; Augsburg, Klaus; **Vodovozov, Valery** Applied sciences 2016 / p. 1-18 : ill https://doi.org/10.3390/app6120382 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Design and simulations of dual clutch transmission for hybrid electric vehicles

Vu, Trieu Minh; **Abouelkheir, Moustafa** International journal of electric and hybrid vehicles 2017 / p. 302-321 : ill https://doi.org/10.1504/IJEHV.2017.089873 Journal metrics at Scopus Article at Scopus

Design considerations of dual-active bridge DC grid-forming converter for DC buildings
Carvalho da Silva, Edivan Laercio; **Sidorova, Aleksandra**; **Blinov, Andrei**; **Chub, Andrii**; **Vinnikov, Dmitri** IEEE transactions on industrial electronics 2024 / p. 10601-10611 https://doi.org/10.1109/TIE.2023.3331125 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Design criteria for insulation materials applied in timber frame assemblies
Tiso, Mattia; **Just, Alar** Journal of Structural Fire Engineering 2018 / p. 252 - 263 https://doi.org/10.1108/JSFE-01-2017-0015 Journal metrics at Scopus Article at Scopus

Design for accelerated testing of DC-link capacitors in photovoltaic inverters based on mission profiles
Sangwongwanich, Ariya; Shen, Yanfeng; **Chub, Andrii**; **Liivik, Elizaveta**; **Vinnikov, Dmitri**; Wang, Huai; Blaabjerg, Frede IEEE transactions on industry applications 2021 / p. 741−753 https://doi.org/10.1109/TIA.2020.3030568 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Design of a research laboratory drive system for a synchronous reluctance motor for vector control and performance analysis
Heidari, Hamidreza; **Rassõlkin, Anton**; **Kallaste, Ants**; **Vaimann, Toomas**; **Andriushchenko, Ekaterina**; **Belahcen, Anouar** Inventions 2021 / art. 64, 21 p. : ill https://doi.org/10.3390/inventions6040064 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Design of a simple modular active power electronic transformer
Strzelecki, Ryszard; **Roasto, Indrek**; Romero-Cadaval, Enrique Proceedings : IECON 2014 - 40th Annual Conference of the IEEE Industrial Electronics Society : Sheraton Hotel Dallas, Dallas, TX, USA, 30. October-01. November, 2014 2014 / p. 1410-1415 : ill https://doi.org/10.1109/IECON.2014.7048686 Conference proceedings at Scopus Article at Scopus Article at WOS

Design of high-performing hybrid ground source heat pump (GSHP) system in an educational building
Xue, Tianchen; **Jokisalo, Juha**; **Kosonen, Risto**; Ju, Yuchen Buildings 2023 / art. 1825, 26 p. : ill https://doi.org/10.3390/buildings13071825 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Design of regenerative anti-lock braking system controller for 4 in-wheel-motor drive electric vehicle with road surface estimation
Aksjonov, Andrei; **Vodovozov, Valery**; Augsburg, Klaus; **Petlenkov, Eduard** International journal of automotive technology 2018 / p. 727-742 : ill https://doi.org/10.1007/s12239-018-0070-8 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Design of the first net-zero energy buildings in Estonia
Arumägi, Endrik; **Kalamees, Targo** Science and technology for the built environment 2016 / p. 1039-1049 : ill https://doi.org/10.1080/23744731.2016.1206793 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Design optimization of graphene laminates for maximum fundamental frequency
Majak, Jüri; **Kirs, Maarjus**; **Eerme, Martin**; **Tungel, Ernst**; **Lepikult, Toomas** Proceedings of the Estonian Academy of Sciences 2017 / p. 354-362 : ill https://doi.org/10.3176/proc.2017.4.08 https://artiklid.elnet.ee/record=b2830810*est Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Design optimization of permanent magnet clutch with Ārtap framework
Andriushchenko, Ekaterina; Kaska, Jan; **Kallaste, Ants**; **Belahcen, Anouar**; **Vaimann, Toomas**; **Rassõlkin, Anton** Periodica polytechnica electrical engineering and computer science 2021 / p. 106-112 https://doi.org/10.3311/PPee.17007 Journal metrics at Scopus Article at Scopus

Designing a scalable socio-technical method for evaluating large e-Governance systems
Saay, Mohammad Salim; **Norta, Alexander** Advanced computational and communication paradigms : proceedings of International Conference on ICACCP 2017, Volume 1 2018 / p. 571-580 https://doi.org/10.1007/978-981-10-8240-5_64 Conference Proceedings at Scopus Article at Scopus Article at WOS

Designing highly insulated cross-laminated timber external walls in terms of hygrothermal performance : field measurements and simulations
Kukk, Villu; **Kaljula, Laura**; **Kers, Jaan**; **Kalamees, Targo** Building and Environment 2022 / art. 108805 https://doi.org/10.1016/j.buildenv.2022.108805 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Designing reliable cyber-physical systems
Aleksandrowicz, Gadi; Arbel, Eli; Bloem, Roderick; **Devadze, Sergei**; **Jenihhin, Maksim**; **Jutman, Artur**; **Raik, Jaan**; **Shibin, Konstantin** Languages, design methods, and tools for electronic system design : selected contributions from FDL 2016 2018 / p. 15-38 : ill https://doi.org/10.1007/978-3-319-62920-9_2 Conference Proceedings at Scopus Article at Scopus

Detachable connecting fittings failure loads on plywood furniture
Saar, Kaarel; **Kers, Jaan**; **Luga, Üllar**; **Reiska, Ahto** Proceedings of the Estonian Academy of Sciences 2015 / p. 113-117 : ill https://doi.org/10.3176/proc.2015.1S.07 https://artiklid.elnet.ee/record=b2716371*est Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Detailed and simplified window model and opening effects on optimal window size and heating need
Thalfeldt, Martin; **Kurnitski, Jarek**; **Voll, Hendrik** Energy and buildings 2016 / p. 242-251 : ill https://doi.org/10.1016/j.enbuild.2016.06.002 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Detailed insight into the CZTS/CdS interface modification by air annealing in monograin layer solar cells
Kauk-Kuusik, Marit; **Timmo, Kristi**; **Muska, Katri**; **Pilvet, Maris**; **Krustok, Jüri**; **Josepson, Raavo**; Brammertz, Guy; Vermang, Bart; **Danilson, Mati**; **Grossberg, Maarja** ACS Applied Energy Materials 2021 / p. 12374−12382 https://doi.org/10.1021/acsaem.1c02186 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A detailed testing procedure of numerical differential protection relay for EHV auto transformer
Ehsan, Umer; Jawad, Muhammad; Javed, Umar; Zaidi, Khurram Shabih; Rehman, Ateeq Ur; **Rassõlkin, Anton**; Althobaiti, Maha M.; Hamam, Habib; **Shafiq, Muhammad** Energies 2021 / art. 8447 https://doi.org/10.3390/en14248447 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Detecting anisotropic inclusions through EIT
Cristina, Jan; **Päivärinta, Lassi Juhani** Archive for rational mechanics and analysis 2017 / p. 1139-1160 https://doi.org/10.1007/s00205-017-1151-y Journal metric at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Detecting overlapping community structure : Estonian network of payments
Rendon de la Torre, Stephanie; **Kalda, Jaan**; Kitt, Robert; **Engelbrecht, Jüri** Proceedings of the Estonian Academy of Sciences 2019 / p. 79–88 : ill https://doi.org/10.3176/proc.2019.1.08 http://www.kirj.ee/public/proceedings_pdf/2019/issue_1/proc-2019-1-79-88.pdf Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Detection and evaluation of driver distraction using machine learning and fuzzy logic
Aksjonov, Andrei; Nedoma, Pavel; **Vodovozov, Valery**; **Petlenkov, Eduard**; Herrmann, Martin IEEE Transactions on Intelligent Transportation Systems 2019 / p. 2048 - 2059 https://doi.org/10.1109/TITS.2018.2857222 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Detection of cracks in a sawblade by eddy current measurements
Märtens, Olev; **Land, Raul**; **Metshein, Margus**; **Abdullayev, Anar**; **Vennikas, Henri**; **Le Moullec, Yannick** 2024 19th Biennial Baltic Electronics Conference (BEC) 2024 / 6 p https://doi.org/10.1109/BEC61458.2024.10737981 Conference proceedings at Scopus Article at Scopus Article at WOS

Detection of induction motor broken bars in grid and frequency converter supply
Vaimann, Toomas; **Belahcen, Anouar**; Martinez, Javier; **Kilk, Aleksander** Przeglad elektrotechniczny 2014 / p. 90-94 : ill https://www.pe.org.pl/articles/2014/1/22.pdf Journal metrics at Scopus Article at Scopus

Detection of pulmonary micronodules in computed tomography images and false positive reduction using 3D convolutional neural networks
Gupta, Anindya; Saar, Tõnis; **Märtens, Olev**; **Le Moullec, Yannick**; Sintorn, Ida-Maria International Journal of Imaging Systems and Technology 2019 / p. 327-339 : ill https://doi.org/10.1002/ima.22373 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Detection of the consistency of two speech signals using pitch periods
Trump, Tõnu Proceedings of the Estonian Academy of Sciences 2013 / p. 88-96 : ill https://doi.org/10.3176/proc.2013.2.02 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Determination of core losses using an inverse modeling technique
Osemwinyen, Osaruyi; Hemeida, Ahmed; **Shams Ghahfarokhi, Payam**; **Belahcen, Anouar** IEEE Access 2022 / p. 29224-29232 https://doi.org/10.1109/ACCESS.2022.3158365 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Determination of e/h ratio by optical measurements
Kübarsepp, Toomas; **Tamre, Mart**; Gran, Jarle; Monakhov, Edouard; Merimaa, M.; Werner, Lutz; Rastello, Maria Luisa 29th Conference on Precision Electromagnetic Measurements, DIGEST, Rio de Janeiro, Brazil, August 24-29, 2014 2014 / p. 236-237 https://doi.org/10.1109/CPEM.2014.6898346 Conference proceedings at Scopus Article at Scopus

Determination of heat transfer coefficient from housing surface of a totally enclosed fan-cooled machine during passive cooling
Shams Ghahfarokhi, Payam; Podgornovs, Andrejs; **Kallaste, Ants**; Cardoso, Antonio J. Marques; **Belahcen, Anouar**; **Vaimann, Toomas**; **Asad, Bilal**; **Tiismus, Hans** Machines 2021 / art. 120 https://doi.org/10.3390/machines9060120 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Determination of heat transfer coefficient of finned housing of a TEFC variable speed motor
Shams Ghahfarokhi, Payam; **Kallaste, Ants**; Podgornovs, Andrejs; **Belahcen, Anouar**; **Vaimann, Toomas**; **Asad, Bilal** Electrical Engineering 2021 / p. 1009–1017 : ill https://doi.org/10.1007/s00202-020-01132-1 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Determination of natural convection heat transfer coefficient over the fin side of a coil system
Shams Ghahfarokhi, Payam; **Belahcen, Anouar**; **Kallaste, Ants**; **Vaimann, Toomas**; **Rassõlkin, Anton** International journal of heat and mass transfer 2018 / p. 677-682 : ill https://doi.org/10.1016/j.ijheatmasstransfer.2018.05.071 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Determination of paper plaster hygrothermal performance: influence of different types of paper on sorption and moisture buffering
Vares, Maia-Liisa; **Ruus, Aime**; **Nutt, Nele**; **Kubjas, Ardo**; **Raamets, Jane** Journal of building engineering 2021 / art. 101830, 8 p. : ill https://doi.org/10.1016/j.jobe.2020.101830 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Determination of resistance to wear of particulate composite
Aruniit, Aare; **Antonov, Maksim**; **Kers, Jaan**; **Krumme, Andres** Engineering materials & tribology XXII 2014 / p. 188-191 https://doi.org/10.4028/www.scientific.net/KEM.604.188 Conference proceedings at Scopus Article at Scopus Conference proceedings at WOS Article at WOS

Determination of tensile properties of power plant steels by testing of miniature specimens
Klevtsov, Ivan; **Dedov, Andrei** ASME 2013 Pressure Vessels & Piping Conference : PVP2013 : July 14-18, 2013, Paris, France 2013 https://doi.org/10.1115/PVP2013-97135 Conference Proceedings at Scopus Article at Scopus

Determination of water distribution network resistance coefficient and hydraulic capacity
Vaabel, Joonas; **Koppel, Tiit**; Sarv, Laur; **Annus, Ivar** Procedia engineering 2014 / p. 679-684 : ill https://doi.org/10.1016/j.proeng.2014.11.494 Conference proceedings at Scopus Article at Scopus Article at WOS

Determining asphalt binder aging by using limiting phase angle temperature
Lill, Kristjan; **Kontson, Karli**; **Aavik, Andrus** Baltic journal of road and bridge engineering 2024 / p. 28-49 https://doi.org/10.7250/bjrbe.2024-19.647 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Determining ranges and spatial distribution of road frost heave by terrestrial laser scanning
Mill, Tarvo; **Ellmann, Artu**; **Aavik, Andrus**; Horemuz, Milan; Sillamäe, Sven The Baltic journal of road and bridge engineering 2014 / p. 225-234 : ill https://doi.org/10.3846/bjrbe.2014.28 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Determining sea surface heights using small footprint airborne laser scanning
Gruno, Anti; Liibusk, Aive; **Ellmann, Artu** Remote Sensing of the Ocean, Sea Ice, Coastal Waters, and Large Water Regions 2013 : 24 September 2013, Dresden, Germany 2013 / p. 88880R-1-88880R-13 : ill https://doi.org/10.1117/12.2029189 Conference Proceedings at Scopus Article at Scopus Article at WOS

Determining the optimal directions of investment in regional renewable energy development
Sotnyk, Iryna; Kurbatova, Tetiana; Romaniuk, Yaroslavna; Prokopenko, Olha; Gonchar, Viktoriya; **Prause, Gunnar Klaus**; Sapiński, Aleksander Energies 2022 / art. 3646 https://doi.org/10.3390/en15103646 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Deterministic and probabilistic analyses of the bearing capacity of screw cast in situ displacement piles in silty soils as measured by CPT and SDT
Leetsaar, Lehar; Korkiala-Tanttu, Leena The Baltic journal of road and bridge engineering 2023 / p. 99-127 : ill https://doi.org/10.7250/bjrbe.2023-18.600 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Detrended fluctuation analysis of EEG in depression
Bachmann, Maie; **Suhhova, Anna**; **Lass, Jaanus**; Aadamsoo, Kaire; Võhma, Ülle; **Hinrikus, Hiie-Agnes** XIII Mediterranean Conference on Medical and Biological Engineering and Computing 2013, MEDICON 2013, 25-28 September 2013, Seville, Spain 2014 / p. 694-697 https://doi.org/10.1007/978-3-319-00846-2_172 Conference proceedings at Scopus Article at Scopus

Developing a framework for smart stormwater management in Tallinn, Estonia
Suits, Kristjan; **Vassiljev, Anatoli**; **Kaur, Katrin**; **Kõiv, Kerta**; **Kändler, Nils**; **Annus, Ivar** Engineering Proceedings 2024 / art. 23 https://doi.org/10.3390/engproc2024069023 Journal metrics at Scopus Article at Scopus

Developing energy calculation methodology and calculation tool validations : Application in air-heated ice rink arenas
Taebnia, Mehdi; Toomla, Sander; Leppä, Lauri; **Kurnitski, Jarek** Energy and buildings 2020 / art. 110389, 19 p. : ill https://doi.org/10.1016/j.enbuild.2020.110389 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Developing gravity model for airline regional route modelling

Nõmmik, Allan; **Kukemelk, Sven** Aviation 2016 / p. 32-37 https://doi.org/10.3846/16487788.2016.1168007 Journal metrics at Scopus Article at Scopus

Development and performance assessment of prefabricated insulation elements for deep energy renovation of apartment buildings
Pihelo, Peep; **Kuusk, Kalle**; **Kalamees, Targo** Energies 2020 / art. 1709, 20 p. : ill https://doi.org/10.3390/en13071709 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Development and study of ZnO: In optical scintillation ceramic
Gorokhova, Elena; Eroniko, S.B.; Kulkov, A.M.; Oreshchenko, E.A.; Simonova, K.L.; Chernenko, K.A.; Venevtsev, I.D.; Rodnyi, P.A.; **Lott, Kalju**; Wieczorek, H. Journal of optical technology 2015 / p. 837-842 : ill https://doi.org/10.1364/JOT.82.000837 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Development and testing of vertical take-off and landing aerial vehicle with tandem electric ducted fan motor
Pütsep, Kristjan; **Nerep, Tõivo**; **Tiismus, Hans**; **Rassõlkin, Anton** Proceedings of the Estonian Academy of Sciences 2023 / p. 184–193 https://doi.org/10.3176/proc.2023.2.08 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Aricle at WOS

Development of a battery sizing tool for nearly zero energy buildings
Ahmadiahangar, Roya; **Husev, Oleksandr**; **Blinov, Andrei**; Karami, Hossein; **Rosin, Argo** IECON 2020 The 46th Annual Conference of the IEEE Industrial Electronics Society 2020 / p. 5149-5154 : ill https://doi.org/10.1109/IECON43393.2020.9254557 Conference proceeding Article at Scopus Article at WOS

Development of a bio-impedance signal simulator on the basis of the regression based model of the cardiac and respiratory impedance signals
Muhammad, Yar; **Le Moullec, Yannick**; **Annus, Paul**; **Min, Mart** 16th Nordic-Baltic Conference on Biomedical Engineering : 16. NBC & 10. MTD 2014 Joint Conferences, October 14-16, 2014, Gothenburg, Sweden 2015 / p. 92-95 : ill https://doi.org/10.1007/978-3-319-12967-9_25 Conference proceedings at Scopus Article at Scopus Article at WOS

Development of a dedicated Golden Gate Assembly Platform (RtGGA) for Rhodotorula toruloides
Bonturi, Nemailla; **Pinheiro, Marina Julio**; Oliveira, Paola Monteiro de; Rusadze, Eka; Eichinger, Tobias; **Liudžiute, Gintare**; **De Biaggi, Juliano Sabedotti**; Brauer, Age; Remm, Maido; Miranda, Everson Alves; Ledesma-Amaro, Rodrigo; **Lahtvee, Petri-Jaan** Metabolic engineering communications 2022 / art. e00200 https://doi.org/10.1016/j.mec.2022.e00200 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Development of a flexible, extendable, and low-cost control unit for surface drifters
Giudici, Andrea; **Torsvik, Tomas**; **Soomere, Tarmo** Journal of atmospheric and oceanic technology 2017 / p. 669-677 : ill https://doi.org/10.1175/JTECH-D-16-0116.1 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Development of a low-cost, wireless smart thermostat for isothermal DNA amplification in lab-on-a-chip devices
Pardy, Tamas; **Sink, Henri**; **Koel, Ants**; **Rang, Toomas** Micromachines 2019 / art. 437, 13 p. : ill https://doi.org/10.3390/mi10070437 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Development of a measurement system for estimation of local peripheral arterial stiffness parameters
Pilt, Kristjan; **Karai, Deniss**; **Fridolin, Ivo** 2024 19th Biennial Baltic Electronics Conference (BEC) 2024 / p. 1-5 https://doi.org/10.1109/BEC61458.2024.10737944 Article at Scopus Conference proceeding at Scopus Article at WOS

Development of a portable MIP-based electrochemical sensor for detection of SARS-CoV-2 antigen
Raziq, Abdul; **Kidakova, Anna**; **Boroznjak, Roman**; **Reut, Jekaterina**; **Öpik, Andres**; **Sõritski, Vitali** Biosensors and bioelectronics 2021 / art. 113029 https://doi.org/10.1016/j.bios.2021.113029 Journal metrics at Scopus Article at Scopus Jornal metrics at WOS Article at WOS

Development of a product lifecycle management model based on the fuzzy analytic hierarchy process
Paavel, Marko; **Karjust, Kristo**; **Majak, Jüri** Proceedings of the Estonian Academy of Sciences 2017 / p. 279-286 : ill https://doi.org/10.3176/proc.2017.3.05 http://www.ester.ee/record=b2355998*est Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Development of a reduced order model of solar heat gains prediction
Tamm, Meril; Cid, Jordi Macia; Paramio, Roser Capdevila; Baulenas, Joan Farnos; **Thalfeldt, Martin**; **Kurnitski, Jarek** Energies 2020 / art. 6316, 17 p. : ill https://doi.org/10.3390/en13236316 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Development of a wireless communication network for monitoring and controlling of autonomous robots
Vu, Trieu Minh; **Tamre, Mart**; Musalimov, Victor; Kovalenko, Pavel; Monahov, Juri International journal of robotics and automation 2018 / 16 p https://doi.org/10.2316/Journal.206.2018.3.206-4759 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Development of a wireless sensor network combining MATLAB and embedded microcontrollers
Vu, Trieu Minh; **Tamre, Mart**; Musalimov, Victor; Altunin, Valeri Sensor letters 2015 / p. 1091-1096 : ill
https://doi.org/10.1166/sl.2015.3594 Journal metrics at Scopus Article at Scopus

Development of accelerating pipe flow starting from rest
Annus, Ivar; **Koppel, Tiit**; Sarv, Laur; **Ainola, Leo** Journal of fluids engineering 2013 / p. 111204-1 - 111204-10 : ill
https://doi.org/10.1115/1.4025256 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Development of an AR-based application for assembly assistance and servicing
Mahmood, Kashif; **Pizzagalli, Simone Luca**; **Otto, Tauno**; **Symotiuk, Ivan** Procedia CIRP 2024 / p. 638-643
https://doi.org/10.1016/j.procir.2024.04.017 Conference proceedings at Scopus Article at Scopus

Development of analytical thermal analysis tool for synchronous reluctance motors
Shams Ghahfarokhi, Payam; **Kallaste, Ants**; **Podgornovs, Andrejs**; **Belahcen, Anouar**; **Vaimann, Toomas** IET electric power applications 2020 / p. 1828-1836 https://doi.org/10.1049/iet-epa.2020.0237 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Development of anti-lock braking system (ABS) for vehicles braking
Vu, Trieu Minh; **Oamen, Godwin**; **Vassiljeva, Kristina**; **Teder, Leo** Open engineering 2016 / p. 554-559 : ill
https://doi.org/10.1515/eng-2016-0078 Journal metrics at Scopus Article at scopus

Development of bioimpedance sensing device for wearable monitoring of the aortic blood pressure curve = Entwicklung eines Bioimpedanz-Messgerätes für die mobile Erfassung des aortalen Blutdruck
Kõiv, Hip; **Rist, Marek**; **Min, Mart** Technisches Messen 2018 / p. 366–377 : ill https://doi.org/10.1515/teme-2017-0113 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Development of critical thinking and reflection
Rüütmann, Tiia The Challenges of the Digital Transformation in Education : proceedings of the 21st International Conference on Interactive Collaborative Learning (ICL2018) - Volume 2 2019 / p. 895-906 https://doi.org/10.1007/978-3-030-11935-5_85 Conference proceedings at Scopus Article at Scopus Article at WOS

Development of Cu-based shape memory alloy through selective laser melting from elemental powder mixture: Processing and characterization
Singh, Shalini; Palani, I. A.; Dehgahi, Shirin; Qureshi, A. J.; Jinoop, A. N.; Paul, C. P.; **Prashanth, Konda Gokuldoss** Journal of alloys and compounds 2023 / art. 171029 https://doi.org/10.1016/j.jallcom.2023.171029 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Development of cyber-physical production systems based on modelling technologies
Mahmood, Kashif; **Karaulova, Tatjana**; **Otto, Tauno**; **Ševtšenko, Eduard** Proceedings of the Estonian Academy of Sciences 2019 / p. 348–355 : ill http://www.kirj.ee/32601/?tpl=1061&c_tpl=1064 https://doi.org/10.3176/proc.2019.4.02 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Development of emerging technology-driven NordPlus competence network in the Baltic and Nordic regions
Kunicina, Nadezhda; Bruzgien, Rasa; Narbutaite, Lina; **Rassõlkin, Anton**; **Mohamed, Mahmoud Ibrahim Hassanin**; Balandin, Sergey 2024 35th Conference of Open Innovations Association (FRUCT) : proceedings Proceedings of the 2024 / p. 407-412 : ill
https://doi.org/10.23919/FRUCT61870.2024.10516359 Conference proceedings at Scopus Article at Scopus

Development of experimental set-up for the investigation of photoelectric response of the pyroelectric crystal to short pulses of the Hg(Xe) lamp
Podgurski, Vitali; **Land, Raul**; **Bogatov, Andrei**; Vlasov, A.; Nagorny, A.; Tiik, K. Journal of optoelectronics and advanced materials 2024 / p. 243 - 245 https://joam.inoe.ro/articles/development-of-experimental-set-up-for-the-investigation-of-photoelectric-response-of-the-pyroelectric-crystal-to-short-pulses-of-the-hgxe-lamp/fulltext Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Development of interactive monitoring system for urban environmental impact assessment of transport system
Pashkevich, Anton; Beliakova, Marina; Ivanov, Alexander; **Purju, Alari** Procedia engineering 2017 / p. 42-52 : ill
https://doi.org/10.1016/j.proeng.2017.01.058 Journal metrics at Scopus Article at Scopus Article at WOS

Development of key performance selection index model
Kaganski, Sergei; **Toompalu, Silver** Journal of achievements in materials and manufacturing engineering 2017 / p. 33-40 : ill
https://doi.org/10.5604/01.3001.0010.2077 Journal metrics at Scopus Article at Scopus

Development of prefabricated additional insulation elements for the renovation of high-rise apartment buildings
Pihelo, Peep; **Kalamees, Targo** Journal of sustainable architecture and civil engineering 2024 / p. 8-22
https://doi.org/10.5755/j01.sace.35.2.35422 Journal metrics at Scopus Article at Scopus

Development of quality and knowledge management system for the first satellite mission in an educational institution based on ECSS standards
Vihmand, Mart; **Dihuliya, Divya**; **Ehrminger, Robin** 66th International Astronautical Congress 2015 (IAC 2015) : Space - The Gateway for Mankind's Future, Jerusalem, Israel, 12-16 October 2015 2015 / p. 9717-9719
https://iafastro.directory/iac/paper/id/31145/summary/ Conference proceedings at Scopus Article at Scopus

Development of realtime co-simulation platform harnessing consumer energy flexibility through an aggregator to provide grid support
Shabbir, Noman; **Ahamadihangar, R**; **Rosin, Argo**; **Kilter, Jako**; Martins, Joao IEEE Transactions on Consumer Electronics 2024 / p. 6641-6652 https://doi.org/10.1109/TCE.2024.3470241 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Development of SCOR database for digitalisation of supply chain customer feedback analysis
Maas, Rene; **Karaulova, Tatjana**; Shevtshenko, Eduard; Popell, Janek; Raji, Ibrahim Oluwole Engineering economics 2023 / p. 439-455 : ill https://doi.org/10.5755/j01.ee.34.4.31618 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Development of teachers' judgement skills as a component of pre- and in-service training
Rüütmann, Tiia; Läänemets, Urve; Kaja, Kadi; Kiilu, Kristi Learning in the age of digital and green transition: proceedings of the 25th international conference on interactive collaborative learning (ICL2022), Volume 2 2023 / p. 639-648 https://doi.org/10.1007/978-3-031-26190-9_67 Conference proceedings at Scopus Article at Scopus

Development of temperature control solutions for non-instrumented nucleic acid amplification tests (NINAAT)
Pardy, Tamas; **Rang, Toomas**; Tulp, Indrek Micromachines 2017 / p. 1-11 : ill https://doi.org/10.3390/mi8060180 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Development of testing method for smart substations with prosumers
Korõtko, Tarmo; **Merisalu, Ülo**; Mägi, Marek; **Peterson, Kristjan**; **Pettai, Elmo** Journal of microelectronics, electronic components and materials 2014 / p. 185-200 : ill https://www.dlib.si/details/URN:NBN:SI:doc-N5PGZIFC Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Development support for intelligent systems : test, evaluation, and analysis of microservices
Perbandt, Charline von; Tyca, Matthias; Koschel, Arne; **Astrova, Irina** Intelligent systems and applications : proceedings of the 2021 Intelligent Systems Conference (IntelliSys). Volume 1 2022 / p. 857-875 https://doi.org/10.1007/978-3-030-82193-7_58 Conference proceedings at Scopus Article at Scopus

Developments in cermet design, technology and performance
Kübarsepp, Jakob; **Pirso, Jüri**; **Juhani, Kristjan**; **Viljus, Mart** International journal of materials & product technology 2014 / p. 160-179 https://doi.org/10.1504/IJMPT.2014.064046 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Diagnostics analysis of partial discharge events of the power cables at various voltage levels using ramping behavior analysis method
Mishra, Sambeet; **Singh, Praveen Prakash**; **Kiitam, Ivar**; **Shafiq, Muhammad**; **Palu, Ivo**; Bordin, Chiara Electric power systems research 2024 / art. 109988 https://doi.org/10.1016/j.epsr.2023.109988 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Different approaches for calibration of an operational water distribution system containing old pipes
Annus, Ivar; **Vassiljev, Anatoli** Procedia engineering 2015 / p. 526-534 : ill https://doi.org/10.1016/j.proeng.2015.08.900 Conference proceedings at Scopus Article at Scopus Article at WOS

Differential pressure sensor speedometer for autonomous underwater vehicle velocity estimation
Meurer, Christian; **Francisco Fuentes-Perez, Juan**; Palomeras, Narcis; **Carreras, Marc**; **Kruusmaa, Maarja** IEEE Journal of Oceanic Engineering 2020 / p. 946 - 978 https://doi.org/10.1109/JOE.2019.2907822 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Differential pressure sensors for underwater speedometry in variable velocity and acceleration conditions
Fuentes-Perez, Juan Francisco; **Meurer, Christian**; **Tuhtan, Jeffrey Andrew**; **Kruusmaa, Maarja** IEEE Journal of Oceanic Engineering 2018 / p. 418-426 : ill https://doi.org/10.1109/JOE.2017.2767786 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Difficulties in understanding object oriented programming concepts
Biju, Soly Mathew Innovations and advances in computer, information, systems sciences, and engineering 2013 / p. 319 - 326 https://doi.org/10.1007/978-1-4614-3535-8_27 Conference Proceedings at Scopus Article at Scopus

Digital capacity and employment outcomes : microdata evidence from pre- and post-COVID-19 Europe
Männasoo, Kadri; Pareliussen, Jon Kristian; **Saia, Artjom** Telematics and informatics 2023 / art. 102024 https://doi.org/10.1016/j.tele.2023.102024 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Digital control of PFC rectifier with combined feedforward and PI regulator
Verbytskyi, Ievgen; **Blinov, Andrei**; **Emiliani, Pietro**; Galkin, Ilja IECON 2022 - 48th Annual Conference of the IEEE Industrial Electronics Society 2022 / p. 1-6 https://doi.org/10.1109/IECON49645.2022.9968509 Conference proceedings at Scopus Article at Scopus

Digital health data capture with a controlled natural language
Kankainen, Kristian Juha Ismo; Listenmaa, Inari; **Piho, Gunnar**; **Ross, Peeter** Caring is sharing – exploiting the value in data for health and innovation : proceedings of MIE 2023 2023 / p. 829 - 830 https://doi.org/10.3233/SHTI230280 Conference Proceedings at Scopus Article at Scopus Article at WOS

Digital Object Memory based monitoring solutions in manufacturing processes
Aruväli, Tanel; Maass, Wolfgang; Otto, Tauno Procedia engineering 2014 / p. 449-458 : ill https://doi.org/10.1016/j.proeng.2014.03.011 Conference proceedings at Scopus Article at Scopus Article at WOS

A digital or sustainable small and medium-sized port? Sustainable port blueprint in the baltic sea region based on port benchmarking
Meyer, Christopher; Gerlitz, Laima; Philipp, Robert; Paulauskas, Vytautas Transport and telecommunication journal 2021 / p. 332 - 342 https://doi.org/10.2478/ttj-2021-0026 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

(Digital) Oxygen reduction reaction on waste tire derived carbon material and synthesized non-platinum group metal catalysts in alkaline solution
Laanemäe, Joel; Jäger, Rutha; Teppor, Patrick; **Volobujeva, Olga**; Lust, Enn ECS Meeting Abstracts 2022 / p. 39-47 : ill https://doi.org/10.1149/10807.0039ecst Journal metrics at Scopus Article at Scopus

Digital realization of retuning fractional-order controllers for an existing closed-loop control system
Tepljakov, Aleksei; **Petlenkov, Eduard**; Gonzalez, Emmanuel A.; **Belikov, Juri** Journal of circuits, systems, and computers 2017 / art. 1750165, p. 1-26 https://doi.org/10.1142/S0218126617501651 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A digital services course to promote teaching of informatics in Estonia
Kikkas, Kaido; **Lorenz, Birgy** Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 1 2021 / p. 711-720 https://doi.org/10.1007/978-3-030-68198-2_66 Conference Proceedings at Scopus Article at Scopus Article at WOS

Digital technologies for improving logistics performance of countries
Moldabekova, Aisulu; **Philipp, Robert**; Reimers, Hans-Eggert; **Alikozhayev, Bauyrzhan** Transport and telecommunication journal 2021 / p. 207−216 https://doi.org/10.2478/ttj-2021-0016 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Digital Twin : industrial robot kinematic model integration to the virtual reality environment
Kuts, Vladimir; **Cherezova, Natalia**; **Sarkans, Martinš**; **Otto, Tauno** Journal of machine engineering 2020 / p. 53–64 https://doi.org/10.36897/jme/120182 Journal metrics at Scopus Article at Scopus

Digital Twin as a virtual sensor for wind turbine applications
Mohamed, Mahmoud Ibrahim Hassanin; **Rassõlkin, Anton**; **Vaimann, Toomas**; **Kallaste, Ants**; Zakis, Janis; Hyunh, Van Khang; Pomarnacki, Raimondas Energies 2023 / art. 6246 https://doi.org/10.3390/en16176246 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Digital twin as industrial robots manipulation validation tool
Kuts, Vladimir; Marvel, Jeremy A.; Aksu, Murat; **Pizzagalli, Simone Luca**; **Sarkans, Martinš**; **Bondarenko, Yevhen**; **Otto, Tauno** Robotics 2022 / art. 113 https://doi.org/10.3390/robotics11050113 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Digital twin based synchronised control and simulation of the industrial robotic cell using virtual reality
Kuts, Vladimir; **Otto, Tauno**; **Tähemaa, Toivo**; **Bondarenko, Yevhen** Journal of machine engineering 2019 / p. 128–145 : ill https://doi.org/10.5604/01.3001.0013.0464 Journal metrics at Scopus Article at Scopus

Digital twin of wind generator to simulate different turbine characteristics using IoT
Raja, Hadi Ashraf; **Kudelina, Karolina**; **Rjabtšikov, Viktor**; **Vaimann, Toomas**; **Kallaste, Ants**; Pomarnacki, Raimondas; Hyunh, Van Khang Proceedings of the Future Technologies Conference (FTC) 2023. Vol. 1 2023 / p. 123-132 https://doi.org/10.1007/978-3-031-47454-5_9 Conference proceedings at Scopus Article at Scopus

Digitalisation of Supply Chain management system for customer quality service improvement
Ševtšenko, Eduard; Maas, Rene; **Murumaa, Lea**; **Karaulova, Tatjana**; Raji, Oluwole Ibrahim; **Popell, Janek** Journal of machine engineering 2022 / p. 78-90 : ill https://doi.org/10.36897/jme/147803 Journal metrics at Scopus Article at Scopus

Digitalization of engineering education : from e-learning to smart education
Makarova, Irina; Shubenkova, Ksenia; **Antov, Dago**; **Pashkevich, Anton** Smart Industry & Smart Education : proceedings of the 15th International Conference on Remote Engineering and Virtual Instrumentation 2019 / p. 32–41 https://doi.org/10.1007/978-3-319-95678-7_4 Conference proceedings at Scopus Article at Scopus Article at WOS

Digital-toolkit for promoting tourist destinations
Prokopenko, Olha; Larina, Yaroslava; Chetveryk, Olena; Kravtsov, Sergiy; Rozhko, Nataliya; Lorvi, Iryna International journal of innovative technology and exploring engineering 2019 / p. 4982-4987 : ill https://doi.org/10.35940/ijitee.L3745.1081219 Journal metrics at Scopus Article at Scopus

Digital-toolkit for sports tourism promoting
Prokopenko, Olha; Rusavska, Valentyna; Maliar, Nelia; Tvelina, Alisa; Opanasiuk, Nataliia; Aldankova, Halyna International journal of advanced research in engineering and technology 2020 / p. 84-96 http://www.iaeme.com/IJARET/issues.asp?JType=IJARET&VType=11&IType=5 Journal metrics at Scopus Article at Scopus

Direct aqueous carbonation on olivine at a CO2 partial pressure of 6.5 MPa
Li, Jiajie; Jacobs, Anthony D.; **Hitch, Michael William** Energy 2019 / p. 902-910 : ill https://doi.org/10.1016/j.energy.2019.02.125 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Direct CVD growth of multi-layered graphene closed shells around alumina nanofibers
Ivanov, Roman; **Mikli, Valdek**; **Kübarsepp, Jakob**; **Hussainova, Irina** Engineering materials and tribology : selected, peer reviewed papers from the 24th International Baltic Conference on Engineering Materials & Tribology (BALTMATTRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia 2016 / p. 77-80 : ill https://doi.org/10.4028/www.scientific.net/KEM.674.77 Conference Proceedings at Scopus Article at Scopus

Direct droplet digital PCR (dddPCR) for species specific, accurate and precise quantification of bacteria in mixed samples
Pacocha, Natalia; **Scheler, Ott**; Nowak, Mikolaj Marcin Analytical methods 2019 / p. 5655–5738 : ill https://doi.org/10.1039/c9ay01874c Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Direct liquid cooling in low-power electrical machines : proof-of-concept
Lindh, Pia; Petrov, Ilya; Semken, R. Scott; **Vaimann, Toomas**; **Kallaste, Ants** IEEE transactions on energy conversion 2016 / p. 1257-1266 : ill https://doi.org/10.1109/TEC.2016.2597059 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Directly electrospun electrodes for electrical double-layer capacitors from carbide-derived carbon
Malmberg, Siret; Arulepp, Mati; **Savest, Natalja**; **Tarasova, Elvira**; **Vassiljeva, Viktoria**; **Krasnou, Illia**; **Käärik, Maike**; **Mikli, Valdek**; **Krumme, Andres** Journal of electrostatics 2020 / art. 103396, 7 p. : ill https://doi.org/10.1016/j.elstat.2019.103396 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Discussion of "Rigid Water Column Model for Simulating the Emptying Process in a Pipeline Using Pressurized Air" by Oscar E. Coronado-Hernández, Vicente S. Fuertes-Miquel, Pedro L. Iglesias-Rey, and Francisco J. Martínez-Solano
Hou, Qingzhi; Li, Shunda; Tijsseling, Arris S.; **Laanearu, Janek** Journal of hydraulic engineering 2020 / art. 07020001, 6 p. : ill https://doi.org/10.1061/(ASCE)HY.1943-7900.0001682 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Dispersive effects during long wave run-up on a plane beach
Abdalazeez, Ahmed; **Didenkulova, Irina**; Dutykh, Denys Advances in Natural Hazards and Hydrological Risks : Meeting the Challenge :proceedings of the 2nd International Workshop on Natural Hazards (NATHAZ'19), Pico Island—Azores 2019 2019 / p. 143-146 https://doi.org/10.1007/978-3-030-34397-2_28 Conference proceeding at Scopus Article at Scopus Article at WOS

Dispersive elastic waves
Berezovski, Arkadi; **Ván, Peter** Internal variables in thermoelasticity 2017 / p. 85-98 https://doi.org/10.1007/978-3-319-56934-5_6 Article collection metrics at Scopus Article at Scopus Article at WOS

Dispersive waves in microstructured solids
Berezovski, Arkadi; **Engelbrecht, Jüri**; **Salupere, Andrus**; **Tamm, Kert**; **Peets, Tanel**; **Berezovski, Mihhail** International journal of solids and structures 2013 / p. 1981-1990 : ill https://doi.org/10.1016/j.ijsolstr.2013.02.018 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Dissimilar welding of Al0.1CoCrFeNi high-entropy alloy and AISI304 stainless steel
Sokkalingam, Rathinavelu; Muthupandi, Veerappan; Sivaprasad, Katakam; **Prashanth, Konda Gokuldoss** Journal of materials research and technology 2019 / p. 2683-2694 : ill https://doi.org/10.1557/jmr.2019.186 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Dissimilar welding of high-entropy alloy to Inconel 718 superalloy for structural applications
Sokkalingam, Rathinavelu; Pravallika, B; Sivaprasad, Katakam; Muthupandi, Veerappan; **Prashanth, Konda Gokuldoss** Journal of

materials research 2022 / p. 272-283 https://doi.org/10.1557/s43578-021-00352-w Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Distributed fusion and automated sensor tasking in ISR systems
Preden, Jürgo-Sören; **Pahtma, Raido**; **Astapov, Sergei**; **Ehala, Johannes**; **Riid, Andri**; **Mõtus, Leo** Ground/air multisensor interoperability, integration, and networking for persistent ISR V 2014 / p. 90790M-1 - 90790M-10 : ill https://doi.org/10.1117/12.2054731 Conference proceedings at Scopus Article at Scopus Article at WOS

Distributed largest eigenvalue detection
Ainomäe, Ahti; **Trump, Tõnu**; Bengtsson, Mats 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. 3519-3523 : ill https://doi.org/10.1109/ICASSP.2017.7952811 Confernce proceedings at Scopus Article at Scopus Article at WOS

Distributed ledger-based system to support health data integrity and transparency
Kask, Marten; **Piho, Gunnar**; **Ross, Peeter** Digital Health and Informatics Innovations for Sustainable Health Care Systems 2024 / p. 1231 - 1232 https://doi.org/10.3233/SHTI240633 Conference proceedings at Scopus Article at Scopus

Distributed optimal storage strategy in the ADMM-based peer-to-peer energy trading considering degradation cost
Han, Binghui; **Zahraoui, Younes**; Mubin, Marizan; Mekhilef, Saad; **Korõtko, Tarmo**; Alshammari, O. Journal of energy storage 2024 / art. 112651 https://doi.org/10.1016/j.est.2024.112651 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Distributed price-based power management for multibuses DC nanogrids EEMS
Carvalho da Silva, Edivan Laercio; Bellinaso, Lucas V.; Cardoso, Rafael; Michels, Leandro IEEE journal of emerging and selected topics in power electronics 2022 / p. 5509-5521 https://doi.org/10.1109/JESTPE.2022.3152101 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Distributed storage placement policy for minimizing frequency deviations: A combinatorial optimization approach based on enhanced cross-entropy method
Machlev, Ram; Chowdhury, Nilanjan Roy; **Belikov, Juri**; **Levron, Yoash** International Journal of Electrical Power and Energy Systems 2022 / p. 1-14 : ill https://doi.org/10.1016/j.ijepes.2021.107332 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Disturbance decoupling by measurement feedback
Kaldmäe, Arvo; **Kotta, Ülle** 19th IFAC World Congress on International Federation of Automatic Control, IFAC 2014 2014 / p. 7735-7740 : ill https://doi.org/10.3182/20140824-6-za-1003.00216 Conference proceedings at Scopus Article at Scopus

Disturbance decoupling by measurement feedback : sensor location
Kaldmäe, Arvo; **Kotta, Ülle**; Shumsky, Alexey; Zhirabok, Alexey Proceedings of the Estonian Academy of Sciences 2016 / p. 317-329 : ill https://doi.org/10.3176/proc.2016.4.05 https://artiklid.elnet.ee/record=b2808632*est Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Disturbance decoupling for nonlinear systems by measurement feedback: Sensor location
Kaldmäe, Arvo; **Kotta, Ülle**; Shumsky, Alexey; Zhirabok, Alexey 19th IFAC World Congress on International Federation of Automatic Control, IFAC 2014 2014 / p. 7729-7734 : ill https://doi.org/10.3182/20140824-6-za-1003.00013 Conference proceedings at Scopus Article at Scopus

Disturbance decoupling in nonlinear hybrid systems
Kaldmäe, Arvo; **Kotta, Ülle**; Shumsky, Alexey; Zhirabok, Alexey Nonlinear analysis : hybrid systems 2018 / p. 42-53 https://doi.org/10.1016/j.nahs.2017.11.001 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Disturbance decoupling of time delay systems
Kaldmäe, Arvo; Moog, Claude Asian journal of control 2016 / p. 1130-1134 https://doi.org/10.1002/asjc.1169 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Disturbance propagation in vehicle platoons : symmetric bidirectional interconnections
Farnam, Arash; Farsi, Milad; **Ghorbani, Majid**; Azad, Nasser Lashgarian; Crevecoeur, Guillaume 2024 American Control Conference (ACC) : July 8-12, 2024, Toronto 2024 / p. 408-413 https://doi.org/10.23919/ACC60939.2024.10644505 Conference proceedings at Scopus Article at Scopus Article at WOS

Diver tracking in open waters : a low-cost approach based on visual and acoustic sensor fusion
Remmas, Mohamed Walid; Chemori, Ahmed; **Kruusmaa, Maarja** Journal of field robotics 2021 / p. 494–508 https://doi.org/10.1002/rob.21999 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Do regional airlines in Eastern Europe have the right to survive in the European single sky environment?
Kukemelk, Sven Aviation 2017 / p. 155-161 https://doi.org/10.3846/16487788.2017.1415226 Journal metrics at Scopus Article at

Scopus

Do we need capabilities in our management system?
Kangilaski, Taivo; **Ševtšenko, Eduard** Journal of machine engineering 2017 / p. 88-100 : ill
http://www.not.pl/wydawnictwo/abstract_2017_en.html https://wydawnictwo.not.pl/2017JOM/V1/8_KANGILASKI.pdf Journal metrics at Scopus Article at Scopus

Doping engineering for controlled hydration and mechanical properties in Portland cement mortar with ultra-low ZnO concentration
Tamashiro, Jacqueline Roberta; de la Rubia, Miguel Angel; Rubio-Marcos, Fernando; **Rojas Hernandez, Rocio Estefania**; Silva, Lucas Henrique Pereira; de Paiva, Fabio Friol Guedes; Kinoshita, Angela; Terrades, Amparo Moragues Journal of building engineering 2023 / art. 107748 https://doi.org/10.1016/j.jobe.2023.107748 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

DoS attack detection and path collision localization in NoC-based MPSoC architectures
Chaves Arroyave, Cesar Giovanni; **Azad, Siavoosh Payandeh**; **Hollstein, Thomas**; Sepulveda, Johanna Journal of low power electronics and applications 2019 / art. 7, 20 p. : ill https://doi.org/10.3390/jlpea9010007 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Driver profiles based on values and traffic safety climate and their relationships with driver behaviors
Kaçan, Bilgesu; Fındık, Gizem; Üzümcüoğlu, Yeşim; **Pashkevich, Anton**; **Pashkevich, Maria** Transportation research part F : traffic psychology and behaviour 2019 / p. 246-259 https://doi.org/10.1016/j.trf.2019.05.010 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A DRL strategy for optimal resource allocation along with 3D trajectory dynamics in UAV-MEC network
Khurshid, Tayyaba; Ahmed, Waqas; Rehan, Muhammad; Ahmad, Rizwan; **Alam, Muhammad Mahtab**; Radwan, Ayman IEEE Access 2023 / p. 54664 - 54678 https://doi.org/10.1109/ACCESS.2023.3278591 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Droplet image analysis with user-friendly freeware CellProfiler
Bartkova, Simona; **Vendelin, Marko**; **Sanka, Immanuel**; **Pata, Pille**; **Scheler, Ott** Analytical methods 2020 / p. 2287-2294 : ill
https://doi.org/10.1039/D0AY00031K Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Droplet-based methods for tackling antimicrobial resistance
Ruszczak, Artur; **Bartkova, Simona**; Zapotoczna, Marta; **Scheler, Ott**; Garstecki, Piotr Current opinion in biotechnology 2022 / art. 102755 https://doi.org/10.1016/j.copbio.2022.102755 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A DSP-based EBI, ECG and PPG measurement platform
Abdullayev, Anar; **Rist, Marek**; **Märtens, Olev**; **Metshein, Margus**; Larras, Benoit; Frappe, Antoine; Gautier, Antoine; **Min, Mart**; John, Deepu; Cardiff, Barry; **Krivošei, Andrei**; **Annus, Paul** IEEE transactions on instrumentation and measurement 2023 / art. 2007808, 8 p https://doi.org/10.1109/TIM.2023.3320771 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A DSP-based multichannel EBI measurement device
Abdullayev, Anar; **Rist, Marek**; **Krivošei, Andrei**; **Metshein, Margus**; **Land, Raul**; **Märtens, Olev** 2024 IEEE International Instrumentation and Measurement Technology Conference (I2MTC) : proceedings 2024
https://doi.org/10.1109/I2MTC60896.2024.10560714 Conference proceedings at Scopus Article at Scopus Article at WOS

DTRON : a tool for distributed model-based testing of time critical applications
Anier, Aivo; **Vain, Jüri**; **Tsiopoulos, Leonidas** Proceedings of the Estonian Academy of Sciences 2017 / p. 75-88 : ill
https://doi.org/10.3176/proc.2017.1.08 http://www.ester.ee/record=b2355998*est Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Dual internal variables
Berezovski, Arkadi; Ván, Peter Internal variables in thermoelasticity 2017 / p. 59-72 https://doi.org/10.1007/978-3-319-56934-5_4 Article collection metrics at Scopus Article at Scopus Article at WOS

A dual-buck-boost DC–DC/AC universal converter
Ong, Yao Rong; Cao, Shuyu; Lee, Sze Sing; Lim, Chee Shen; Chen, Max M.; **Vosoughi Kurdkandi, Naser**; Barzegarkhoo, Reza; Siwakoti, Yam P. Electronics (Switzerland) 2022 / art. 1973 https://doi.org/10.3390/electronics11131973 Journal metrics at scopus Article at Scopus Journal metrics at WOS Article at WOS

Dual-purpose converters for DC or AC grid as energy transition solution : perspectives and challenges
Husev, Oleksandr; **Vinnikov, Dmitri**; Kouro, Samir; Blaabjerg, Frede; Roncero-Clemente, Carlos IEEE industrial electronics magazine 2024 / p. 46-57 https://doi.org/10.1109/MIE.2022.3230219 Journal metrics at Scopus Article at Scopus Journal metrics at

WOS Article at WOS

Dual-purpose dc-dc/ac PWM modular power converter as grid-forming unit in a droop-controlled ac nanogrid
Roncero-Clemente, Carlos; Escalona, Javier-Gutiérrez; **Matiushkin, Oleksandr**; Pires, V. Fernão; Milanés-Montero, María Isabel; **Romero-Cadaval, Enrique** IECON Proceedings (Industrial Electronics Conference) IECON 2024 - 50th Annual Conference of the IEEE Industrial Electronics Society 2024 / 6 p https://doi.org/10.1109/IECON55916.2024.10906022 Conference proceedings at Scopus Article at Scopus

Dual-source Linear Energy Prediction (LINE-P) model in the context of WSNs
Ahmed, Faisal; **Tamberg, Gert**; **Le Moullec, Yannick**; **Annus, Paul** Sensors 2017 / art. 1666, p. 1-22 : ill https://doi.org/10.3390/s17071666 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

DyMeP : an infrastructure to support dynamic memory binding for runtime mapping in CGRAs
Tajammul, Muhammad Adeel; Jafri, Syed Mohammad Asad Hassan; **Ellervee, Peeter**; Hemani, Ahmed; Tenhunen, Hannu; Plosila, Juha 28th International Conference on VLSI Design : held concurrently with 14th International Conference on Embedded Systems : 3-7 January 2015, Bangalore, India : proceedings 2015 / p. 547-552 : ill https://doi.org/10.1109/VLSID.2015.98 Conference proceedings at Scopus Article at Scopus Article at WOS

Dynamic heating control measured and simulated effects on power reduction, energy and indoor air temperature in an old apartment building with district heating
Hajian, Hatef; Ahmed, Kaiser; **Kurnitski, Jarek** Energy and buildings 2022 / art. 112174 https://doi.org/10.1016/j.enbuild.2022.112174 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A dynamic lighting system for workplaces deficient of daylight
Koppel, Tarmo; **Tint, Piia** Environmental health risk VII 2013 / p. 105-116 : ill https://doi.org/10.2495/EHR130101 Conference Proceedings at Scopus Article at Scopus

Dynamic modeling and stability analysis of power networks using DQ0 transformations with a unified reference frame
Belikov, Juri; Levron, Yoash Proceedings of the Estonian Academy of Sciences 2018 / p. 368-377 : ill http://www.kirj.ee/public/proceedings_pdf/2018/issue_4/proc-2018-4-368-377.pdf https://doi.org/10.3176/proc.2018.67.4.05 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Dynamic modeling of networks, microgrids, and renewable sources in the dq0 reference frame : a survey
Baimel, Dmitry; **Belikov, Juri**; Guerrero, Joseph M.; Levron, Yoash IEEE Access 2017 / p. 21323-21335 : ill https://doi.org/10.1109/ACCESS.2017.2758523 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Dynamic motion analysis of stepless and stepped planing hulls in random waves: a CFD model perspective
Niazmand Bilandi, Rasul; Tavakoli, Sasan; Mancini, Simone; Dashtimanesh, Abbas Applied Ocean Research 2024 / art. 104046 https://doi.org/10.1016/j.apor.2024.104046 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Dynamic of a planing hull in regular waves: Comparison of experimental, numerical and mathematical methods
Tavakoli, Sasan; Niazmand Bilandi, Rasul; Mancini, Simone; De Luca, Fabio; **Dashtimanesh, Abbas** Ocean engineering 2020 / art. 107959, 24 p. : ill https://doi.org/10.1016/j.oceaneng.2020.107959 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Dynamic of tunneled planing hulls in waves
Roshan, Fatemeh; Tavakoli, Sasan; Mancini, Simone; Dashtimanesh, Abbas Journal of marine science and engineering 2022 / art. 1038 : ill https://doi.org/10.3390/jmse10081038 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Dynamic slot allocation using non overlapping backoff algorithm in IEEE 802.15.6 WBAN
Saboor, Abdul; Ahmad, Rizwan; Ahmed, Waqas; Kiani, Adnan Khalid; **Alam, Muhammad Mahtab**; **Kuusik, Alar**; **Le Moullec, Yannick** IEEE sensors journal 2020 / p. 10862-10875 : ill https://doi.org/10.1109/JSEN.2020.2993795 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Dynamics of apartment building renovation investment costs based on Estonian reovation grant scheme
Miller, Grete; **Lihtmaa, Lauri**; **Kalamees, Targo** Acta Polytechnica CTU proceedings 2022 / p. 579-584 https://doi.org/10.14311/APP.2022.38.0579 Journal metrics at Scopus Article at Scopus

Dynamics of dense gravity currents and mixing in an up-sloping and converging vee-shaped channel
Laanearu, Janek; Cuthbertson, Alan; Davies, Peter A. Journal of hydraulic research 2014 / p. 67-80 : ill https://doi.org/10.1080/00221686.2013.841779 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Dynamics of discontinuities in elastic solids
Berezovski, Arkadi; Berezovski, Mihhail Mathematics and mechanics of solids 2020 / p. 1416-1428 https://doi.org/10.1177/1081286517718603 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Dynamics of flight of the fragments with higher order Haar wavelet method
Kivistik, Lenart; **Mehrparvar, Marmar**; **Eerme, Martin**; **Majak, J** Proceedings of the Estonian Academy of Sciences 2024 / p. 108-115 https://doi.org/10.3176/proc.2024.2.02 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Early 2015 performance in Baltic Sea ports: Forecasts of Estonian performance for entire year
Hilmola, Olli-Pekka Kristian; **Tolli, Andres** Transport and Telecommunication 2015 / p. 183 - 189 https://doi.org/10.1515/ttj-2015-0016 Journal metrics at Scopus Article at Scopus

Early design clustering method considering equitable daylight distribution in the adaptive re-use of heritage buildings
Szentesi-Nejur, Szende; Nejur, Andrei; De Luca, Francesco; **Madelat, Payam** eCAADe 2023 : Digital Design Reconsidered : Proceedings of the 41st Conference on Education and Research in Computer Aided Architectural Design in Europe ; vol. 2 Proceedings of the International Conference on Education and Research in Computer Aided Architectural Design in Europe 2023 / p. 105-114 https://doi.org/10.52842/conf.ecaade.2023.2.105 Conference proceedings at Scopus Article at Scopus

Easy to use empirical model for green vegetation reflection spectrum in VIS-NIR range
Udal, Andres; **Jürise, Martin**; **Kaugerand, Jaanus**; **Sell, Raivo** SPIE digital library 2020 / art. 115240H-1–14 https://doi.org/10.1117/12.2570820 Conference proceeding Article at Scopus Article at WOS

ECG classification with event-driven sampling
Saeed, Maryam; **Märtens, Olev**; Larras, Benoit; Frappe, Antoine; John, Deepu; Cardiff, Barry IEEE Access 2024 / p. 25188-25199 https://doi.org/10.1109/ACCESS.2024.3364115 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The economic challenges of deep energy renovation - differences, similarities, and possible solutions in Northern Europe : Estonia and Denmark
Rose, Jorgen; **Kuusk, Kalle**; Thomsen, Kirsten Engelund; **Kalamees, Targo**; Morck, Ove Christen ASHRAE transactions. Vol. 122, pt. 1 2016 / p. 58-68 : ill https://www.proquest.com/openview/3b32b899a3b498dc8694f261aaaa9cf0/1?pq-origsite=gscholar&cbl=34619 Conference Proceedings at Scopus Article at Scopus Article at WOS

Economic dispatch of CHP units through District Heating Network's demand-side management
Ruševljuk, Pavel; **Lepiksaar, Kertu**; **Siirde, Andres**; **Volkova, Anna** Energies 2021 / art. 4553, 20 p. : ill https://doi.org/10.3390/en14154553 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Economic viability of energy-efficiency measures in educational buildings in Finland
Alanne, Kari; Schade, Jutta; Martinac, Ivo; Saari, Arto; Jokisalo, Juha; **Kalamees, Targo** Advances in building energy research 2013 / p. 120-127 https://doi.org/10.1080/17512549.2013.809272 Journal metrics at Scopus Article at Scopus

ECS an endeavor towards providing similar cache reliability behavior in different programs
Ahmadilivani, Mohammad Hasan; **Jahromi, Mohammad Moeini**; **Salehi, Mostafa E.**; Kargar, Mona Microelectronics Reliability 2024 / art. 115295 https://doi.org/10.1016/j.microrel.2023.115295 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Editorial
International journal of disaster resilience in the built environment 2020 / p. 1-2 https://doi.org/10.1108/IJDRBE-02-2020-084 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Editorial - IEA-ECES Annex 31 special issue on thermal energy storage
Kurnitski, Jarek; Haghighat, Fariborz; Mirzaei, Parham A. Energy and buildings 2015 / p. 1-2 https://doi.org/10.1016/j.enbuild.2015.08.024 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Editorial : special issue on impedance-source converter topologies and applications
Vinnikov, Dmitri; Li, Yuan; Abu-Rub, Haitham IEEE Transactions on Power Electronics 2016 / p. 7417-7418 https://doi.org/10.1109/TPEL.2016.2577418 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Editorial deciphering convergence : novel insights and future ideas on science, technology, and industry convergence
Appio, Francesco Paolo; Broring, Stefanie; Sick, Nathalie; Lee, Sungjoo; **Mora, Luca** IEEE Transactions on Engineering Management 2023 / p. 1389 - 1401 https://doi.org/10.1109/TEM.2023.3242518 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Editorial: Air-sea interaction and oceanic extremes
Wu, Lichuan; Song, Jinbao; Esters, Leonie; **Alari, Victor** Frontiers in Marine Science 2024 / art. 1522866 https://doi.org/10.3389/fmars.2024.1522866 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Editorial: Innovations in depression diagnosis and treatment outcome monitoring
Čukić, Milena B.; Savić, Danka; **Bachmann, Maie** Frontiers in digital health 2023 / art. 1224999, 3 p https://doi.org/10.3389/fdgth.2023.1224999 Journal metrics at Scopus Article at Scopus Article at WOS

Editorial: Trustworthy AI for healthcare
Agafonov, Oleg; Babic, Aleksandar; **Da Costa Sousa, Sonia Claudia**; Alagaratnam, Sharmini Frontiers in Digital Health 2024 / art. 1427233 https://doi.org/10.3389/fdgth.2024.1427233 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Educating the energy informatics specialist : opportunities and challenges in light of research and industrial trends
Bordin, Chiara; **Mishra, Sambeet**; Safari, Amir; Eliassen, Frank SN Applied Sciences 2021 / art. 674 https://doi.org/10.1007/s42452-021-04610-8 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Education 4.0 in higher education and computer science : a systematic review
Rienties, Bart; Ferguson, Rebecca; Gonda, Dalibor; Hajdin, Goran; Herodotou, Christothea; Iniesto, Francisco; Llorens Garcia, Ariadna; Muccini, Henry; Sargent, Julia; **Virkus, Sirje**; Isidori, Maria Vittoria Computer Applications in Engineering Education 2023 / p. 1339 - 1357 https://doi.org/10.1002/cae.22643 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

EEG functional connectivity detects seasonal changes
Päeske, Laura; **Bachmann, Maie**; **Raik, Jaan**; **Hinrikus, Hiie** World Congress on Medical Physics and Biomedical Engineering 2018 : June 3–8, 2018, Prague, Czech Republic (Vol. 2) 2018 / p. 237-240 https://doi.org/10.1007/978-981-10-9038-7_44 Conference Proceedings at Scopus Article at Scopus Article at WOS

EEG spectral asymmetry index detects differences between leaders and non-leaders
Põld, Toomas; **Bachmann, Maie**; **Orgo, Laura**; **Kalev, Kaia**; **Lass, Jaanus**; **Hinrikus, Hiie** EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 17-20 https://doi.org/10.1007/978-981-10-5122-7_5 Conference proceedings at Scopus Article at Scopus Article at WOS

EEG spectral asymmetry index for detection of depression at individual and fixed frequency bands [Electronic resource]
Suhhova, Anna; **Bachmann, Maie**; **Lass, Jaanus**; Aadamsoo, Kaire; Võhma, Ülle; **Hinrikus, Hiie** World Congress on Medical Physics and Biomedical Engineering May 26-31, 2012, Beijing, China 2012 / p. 589-592 : ill [CD-ROM] https://link.springer.com/chapter/10.1007/978-3-642-29305-4_154 Conference Proceedings at Scopus Article at Scopus

EEG spectral asymmetry is dependent on education level of men
Põld, Toomas; **Bachmann, Maie**; **Päeske, Laura**; **Kalev, Kaia**; **Lass, Jaanus**; **Hinrikus, Hiie** World Congress on Medical Physics and Biomedical Engineering 2018 : June 3–8, 2018, Prague, Czech Republic (Vol. 2) 2018 / p. 405–408 https://doi.org/10.1007/978-981-10-9038-7_76 Conference Proceedings at Scopus Article at Scopus Article at WOS

Effect of alloying additives on impact-abrasive wear of manual arc welded hadfield steel hardfacings
Jankauskas, Vytenis; **Antonov, Maksim**; Katinas, Egidijus; Gedzevicius, I. Journal of friction and wear 2016 / p. 170-178 : ill https://doi.org/10.3103/S1068366616020185 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of annealing temperature of brownish-red pigment based on iron oxide extracted by hydrothermal route from mill-scale steel slag
Eticha, Zekarias G.; **Rojas Hernandez, Rocio Estefania**; **Hussainova, Irina** Journal of Sustainable Metallurgy 2022 / p. 218-227 https://doi.org/10.1007/s40831-021-00470-z Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of atomic oxygen irradiation on the structural and tribological properties of the MoS_2/Al_2O_3/PI composites
Zhao, Gai; Wang, Qihua; **Hussainova, Irina**; Ding, Qingjun Engineering materials and tribology : selected, peer reviewed papers from the 24th International Baltic Conference on Engineering Materials & Tribology (BALTMATTRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia 2016 / p. 239-243 : ill https://doi.org/10.4028/www.scientific.net/KEM.674.239 Conference Proceedings at Scopus Article at Scopus

Effect of basalt and silica additives on erosive wear resistance of cast ceramics
Baroninš, Janis; **Antonov, Maksim**; **Ivanov, Roman**; Shuliak, Volodymyr; **Hussainova, Irina** Proceedings of the Estonian Academy of Sciences 2016 / p. 144-151 : ill https://doi.org/10.3176/proc.2016.2.05 https://artiklid.elnet.ee/record=b2768221*est Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of basalt reinforcement type and content on the abrasive wear behaviour of polymer composites
Antonov, Maksim; **Kers, Jaan**; **Liibert, Laura**; Shuliak, Volodymyr; Smirnov, Anton; Bartolome, Jose F. Engineering materials and tribology : selected, peer reviewed papers from the 24th International Baltic Conference on Engineering Materials & Tribology (BALTMATTRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia 2016 / p. 181-188 : ill https://doi.org/10.4028/www.scientific.net/KEM.674.181 Conference Proceedings at Scopus Article at Scopus

Effect of biodiesel-dimethyl carbonate blends on engine performance, combustion and emission characteristics
Razzaq, Luqman; Mujtaba, M. A.; Shahbaz, M.A.; Nawaz, Saad; Mahmood Khan, Haris; **Hussain, Abrar**; Ishtiaq, Usama; Kalam, M. A.; M. Soudagar, Manzoore Elahi; Ismail, Khadiga Ahmed; Elfasakhany, Ashraf; Rizwan, Hafiz Muhmmad Alexandria Engineering Journal 2022 / p. 5111 - 5121 https://doi.org/10.1016/j.aej.2021.10.015 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Effect of coffee on EEG spectral assymmetry
Saifudinova, Maie; **Bachmann, Maie**; **Lass, Jaanus**; **Hinrikus, Hiie** World Congress on Medical Physics and Biomedical Engineering, June 7–12, 2015, Toronto, Canada 2015 / p. 1030-1033 https://doi.org/10.1007/978-3-319-19387-8_251 Conference proceedings at Scopus Article at Scopus Article at WOS

Effect of distributed photovoltaic generation on the voltage magnitude in a self-contained power supply system
Lukutin, Boris V.; Shandarova, Elena B.; Makarova, A.F.; **Švartsman, Inna** International Scientific and Practical Conference on Urgent Problems of Modern Mechanical Engineering 17–18 December 2015, Yurga, Russia 2016 / art. 012005
https://doi.org/10.1088/1757-899X/127/1/012005 Conference Proceedings at Scopus Article at Scopus Article at WOS

Effect of droop control curves on the efficiency of dual-active bridge converters
Carvalho da Silva, Edivan Laercio; **Blinov, Andrei**; **Chub, Andrii**; **Vinnikov, Dmitri** IECON 2023- 49th Annual Conference of the IEEE Industrial Electronics Society IECON Proceedings (Industrial Electronics Conference) 2023 / 6 p
https://doi.org/10.1109/IECON51785.2023.10312056 Conference proceedings at Scopus Article at Scopus

Effect of erodent particle impact energy on wear of cemented carbides
Antonov, Maksim; Yung, Der-Liang; **Goljandin, Dmitri**; **Mikli, Valdek**; **Hussainova, Irina** Wear 2017 / p. 507-515 : ill
https://doi.org/10.1016/j.wear.2016.11.032 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of FeNiCrBSiC-MeB2 material composition on the oxidation behavior at high temperatures
Umanskyi, Oleksandr; Storozhenko, Maryna; Koshelev, M.; **Antonov, Maksim** Powder metallurgy and metal ceramics 2019 / p. 670-678 : ill https://doi.org/10.1007/s11106-019-00030-x Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of grain growth inhibitors VC/Cr3C2 on WC-ZrO2-Ni composite mechanics
Yung, Der-Liang; **Dong, Minjie**; **Hussainova, Irina** Engineering materials & tribology XXII 2014 / p. 106-109
https://doi.org/10.4028/www.scientific.net/KEM.604.106 Conference proceedings at Scopus Article at Scopus Conference proceedings at WOS Article at WOS

Effect of graphene nanoplatelet content on mechanical and elevated-temperature tribological performance of self-lubricating ZE10 magnesium alloy nanocomposites
Kandemir, Sinan; **Yöyler, Sibel**; **Kumar, Rahul, 1993-**; **Antonov, Maksim**; Dieringa, Hajo Lubricants 2024 / art. 52
https://doi.org/10.3390/lubricants12020052 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of hard cyclic viscoplastic deformation on the microstructure, mechanical properties, and electrical conductivity of Cu-Cr alloy
Kommel, Lembit; Huot, Jacques; Omranpour Shahreza, Babak Journal of Materials Engineering and Performance 2022 / p. 9690-9702 https://doi.org/10.1007/s11665-022-06997-w Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The effect of heat treatment on the morphology and mobility of Au nanoparticles
Oras, Sven; Vlassov, Sergei; Vigonski, Simon; Polyakov, Boris; Antsov, Mikk; Zadin, Vahur; Lõhmus, Rünno; Mougin, Karine Beilstein Journal of Nanotechnology 2020 / p. 61-67 https://doi.org/10.3762/bjnano.11.6 Journal metrics at Scopus article at Scopus Journal metrics at WOS Article at WOS

Effect of heat treatment on the phase transformation and magnetic properties of BPSCCO/LPMO composites
Staneva, Anna; Blagoev, Blagoy; **Mikli, Valdek** Journal of alloys and compounds 2014 / p. 223-228 : ill
https://doi.org/10.1016/j.jallcom.2013.07.185 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of hot dip galvanizing on the mechanical properties of high strength steels
Sepper, Sirli; **Peetsalu, Priidu**; **Saarna, Mart**; **Mikli, Valdek**; **Kulu, Priit** Engineering materials & tribology XXII 2014 / p. 12-15 : ill
https://doi.org/10.4028/www.scientific.net/KEM.604.12 Conference proceedings at Scopus Article at Scopus Conference proceedings at WOS Article at WOS

The effect of ionic liquids on the conductivity of electrospun polyacrylonitrile membranes
Savest, Natalja; **Plamus, Tiia**; **Tarasova, Elvira**; **Viirsalu, Mihkel**; **Krasnou, Illia**; **Gudkova, Viktoria**; **Küppar, Kadi-Anne**; **Krumme, Andres** Journal of electrostatics 2016 / p. 63-68 : ill https://doi.org/10.1016/j.elstat.2016.07.006 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of keysight 3458A jitter on precision of phase difference measurement
Pokatilov, Andrei; **Kübarsepp, Toomas**; Vabson, Viktor IEEE transactions on instrumentation and measurement 2016 / p. 2595-2600 : ill https://doi.org/10.1109/TIM.2016.2593965 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of lattice surface treatment on performance of hardmetal - titanium interpenetrating phase composites

Holovenko, Yaroslav; **Kollo, Lauri**; **Saarna, Mart**; **Rahmani Ahranjani, Ramin**; Soloviova, Tetiana; **Antonov, Maksim**; **Prashanth, Konda Gokuldoss**; Cygan, Slawomir; **Veinthal, Renno** International journal of refractory metals and hard materials 2020 / art. 105087, 10 p. : ill https://doi.org/10.1016/j.ijrmhm.2019.105087 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of lignin on veneer densification and set-recovery
Kilumets, Catherine; **Kallakas, Heikko**; Ralph, Sally; Zhu, J. Y.; Hunt, Christopher Glaab; **Rohumaa, Anti**; **Kers, Jaan** Construction and building materials 2024 / art. 138795 https://doi.org/10.1016/j.conbuildmat.2024.138795 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of loading system inertia on tribological behaviour of ceramic–ceramic, ceramic–metal and metal–metal dry sliding contacts
Antonov, Maksim; **Hussainova, Irina**; **Adoberg, Eron** Tribology international 2013 / p. 207-214 : ill https://doi.org/10.1016/j.triboint.2013.03.025 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The effect of local cold and warm exposure on index finger photoplethysmographic signal waveform
Pilt, Kristjan; **Meigas, Kalju**; **Temitski, Kristina**; **Viigimaa, Margus** 2013 35th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC) 2013 / p. 2300-2303 https://doi.org/10.1109/EMBC.2013.6609997 Conference Proceedings at Scopus Article at Scopus

Effect of Magnetic Forces and Magnetostriction on the Stator Vibrations of a Bearingless Synchronous Reluctance Motor
Mukherjee, Victor; Rasilo, Paavo; Martin, Floran; **Belahcen, Anouar** IEEE transactions on magnetics 2019 / 4 p. : ill https://doi.org/10.1109/TMAG.2019.2894739 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of milling time on dual-nanoparticulate-reinforced aluminum alloy matrix composite materials
Kwon, Hansang; **Saarna, Mart**; Yoon, Songhak; Weidenkaff, Anke; Leparoux, Marc Materials science and engineering : A 2014 / p. 338-345 https://doi.org/10.1016/j.msea.2013.10.046 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of N2 and CO2 on shale oil from pyrolysis of Estonian oil shale
Mozaffari, Sepehr; **Järvik, Oliver**; **Baird, Zachariah Steven** International journal of coal preparation and utilization 2022 / p. 2908-2922 https://doi.org/10.1080/19392699.2021.1914025 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of negative and positive emotions on EEG spectral asymmetry
Päeske, Laura; **Bachmann, Maie**; **Lass, Jaanus**; **Hinrikus, Hiie** 2015 37th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC) 2015 / p. 8107 - 8110 https://doi.org/10.1109/EMBC.2015.7320275 Conference Proceedings at Scopus Article at Scopus

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

Effect of oxidation on erosive wear behaviour of boiler steels
Antonov, Maksim; **Veinthal, Renno**; Huttunen-Saarivirta, E.; **Hussainova, Irina**; **Vallikivi, Ahto**; Lelis, Martynas; **Priss, Jelena** Tribology international 2013 / p. 35-44 : ill https://doi.org/10.1016/j.triboint.2012.09.011 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of oxidation on sliding wear behavior of NiCrSiB-TiB2 plasma sprayed coatings
Umanskii, A.; **Hussainova, Irina**; Storoženko, M.; Terentyev, O.; **Antonov, Maksim** Engineering materials & tribology XXII 2014 / p. 16-19 https://doi.org/10.4028/www.scientific.net/KEM.604.16 Conference proceedings at Scopus Article at Scopus Article at WOS

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

The effect of printing direction on the strength characteristics of a 3D printed concrete wall section
Põldaru, Mattias; **Tammkõrv, Karl**; **Tuisk, Tanel**; **Kiviste, Mihkel**; **Puust, Raido** Buildings 2023 / art. 2917 https://doi.org/10.3390/buildings13122917 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of pulsed deuterium plasma irradiation on dual-phase tungsten high-entropy alloys
Tõkke, Siim; Laas, Tõnu; Priimets, Jaanis; **Tarraste, Marek**; **Mikli, Valdek**; **Antonov, Maksim** Fusion engineering and design 2022 / 11 p. : ill https://doi.org/10.1016/j.fusengdes.2022.113260 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at

WOS

Effect of punching the electrical sheets on optimal design of a permanent magnet synchronous motor
Martin, Floran; Aydin, Ugur; Sundaria, Ravi; Rasilo, Paavo; **Belahcen, Anouar**; Arkkio, Antero IEEE Transactions on Magnetics 2018 / art. 8102004 https://doi.org/10.1109/TMAG.2017.2768399 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of scanning speed on mechanical, corrosion, and fretting-tribocorrosion behavior of austenitic 316L stainless steel produced by laser powder bed fusion process
Uva Narayanan, Chellaiya; Daniel, Ashish; Praveenkumar, Kesavan; Manivasagam, Geetha; Suwas, Satyam; **Prashanth, Konda Gokuldoss**; Suya Prem Anand, Pandaravadivoo Journal of Manufacturing Processes 2024 / p. 1582-1593 https://doi.org/10.1016/j.jmapro.2024.09.108 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of scanning strategy on microstructure and texture evolution in a selective laser melted Al-33Cu eutectic alloy
Vikram, R. J.; Gokulnath, S. A.; **Prashanth, Konda Gokuldoss**; Suwas, Satyam Journal of alloys and compounds 2023 / art. 168098, 10 p. : ill https://doi.org/10.1016/j.jallcom.2022.168098 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of sintering method on surface fatigue of carbide composites
Petrov, Mihhail; **Kübarsepp, Jakob**; **Sergejev, Fjodor**; **Viljus, Mart**; **Tarraste, Marek** Engineering materials and tribology XXV 2017 / p. 368-372 : ill https://doi.org/10.4028/www.scientific.net/KEM.721.368 Journal metrics at Scopus Article at Scopus

Effect of SiO2 and PTFE additives on dry sliding of NiP electroless coating
Gutsev, D.; **Antonov, Maksim**; **Hussainova, Irina**; Grigoriev, A.Y. Tribology international 2013 / p. 295-302 : ill https://doi.org/10.1016/j.triboint.2012.12.012 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of Zn:S molar ratio in solution on the properties of ZnS thin films and the formation of ZnS nanorods by spray pyrolysis
Dedova, Tatjana; **Krunks, Malle**; **Gromõko, Inga**; **Mikli, Valdek**; Sildos, Ilmo; Utt, Kathriin; Unt, Tarmo Physica status solidi (a) : applications and materials science 2014 / p. 514-521 : ill https://doi.org/10.1002/pssa.201300215 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of Zr doping on the structural and electrical properties of spray deposited TiO2 thin films
Oluwabi, Abayomi Titilope; Juma, Albert Owino; **Oja Acik, Ilona**; **Mere, Arvo**; **Krunks, Malle** Proceedings of the Estonian Academy of Sciences 2018 / p. 147–157 : ill https://doi.org/10.3176/proc.2018.2.05 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The effect of temperature and sliding speed on friction and wear of Si3N4, Al2O3, and ZrO2 balls tested against AlCrN PVD coating
Antonov, Maksim; **Afshari, Hossein**; **Baroninš, Janis**; **Adoberg, Eron**; **Raadik, Taavi**; **Hussainova, Irina** Tribology international 2018 / p. 500-514 : ill https://doi.org/10.1016/j.triboint.2017.05.035 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of temperature on sliding and erosive wear of fiber reinforced polyimide hybrids
Zhao, Gai; **Hussainova, Irina**; **Antonov, Maksim**; Wang, Qihua; Wang, Tingmei; **Yung, Der-Liang** Tribology international 2015 / p. 525-533 : ill https://doi.org/10.1016/j.triboint.2014.01.019 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of the laser processing parameters on the selective laser melting of TiC–Fe-based cermets
Maurya, Himanshu Singh; **Kollo, Lauri**; **Tarraste, Marek**; **Juhani, Kristjan**; **Sergejev, Fjodor**; **Prashanth, Konda Gokuldoss** Journal of manufacturing and materials processing 2022 / art. 35, 11 p. : ill https://doi.org/10.3390/jmmp6020035 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of the urban microenvironment on the indoor air temperature of the residential building stock in the Helsinki region
Kravchenko, Ilia; Farahani, Azin Velashjerdi; **Kosonen, Risto**; Kilpeläinen, Simo; Saranko, Olli; Fortelius, Carl Building and Environment 2023 / art. 110971 https://doi.org/10.1016/j.buildenv.2023.110971 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of thermal spraying method on the microstructure and wear behaviour of FeNiCrBSiC-CrB2 coating
Umanskyi, O.; Storozhenko, M.; **Antonov, Maksim**; Terentyev, O.; Koval, O.; **Goljandin, Dmitri** 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. 37-42 : ill https://www.ester.ee/record=b5235278*est https://www.scientific.net/KEM.799.37 https://doi.org/10.4028/www.scientific.net/KEM.799.37 Conference proceeding at Scopus Article at Scopus

The effect of thermal transmittance of building envelope and material selection of wind barrier on moisture safety of

timber frame exterior wall
Pihelo, Peep; **Kalamees, Targo** Journal of building engineering 2016 / p. 29-38 : ill https://doi.org/10.1016/j.jobe.2016.02.002 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of TiB2 addition on the mechanical and biological response of spark plasma sintered Ti6Al7Nb matrix composites
Singh, Neera; Ummethala, Raghunandan; Surreddi, Kumar Babu; Jayaraj, Jayamani; **Sokkalingam, Rathinavelu**; Rajput, Monika; Chatterjee, Kaushik; **Prashanth, Konda Gokuldoss** Journal of alloys and compounds 2022 / art. 166502 https://doi.org/10.1016/j.jallcom.2022.166502 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of TiB2 particles on microstructure and crystallographic texture of Al-12Si fabricated by selective laser melting
Xi, L.; Wang, P.; **Prashanth, Konda Gokuldoss**; Li, H. Journal of alloys and compounds 2019 / p. 551-556 : ill https://doi.org/10.1016/j.jallcom.2019.01.327 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The effect of tin doping on the band structure and optical properties of polycrystalline antimony selenide
Uslu, Mehmet Ender; **Danilson, Mati**; **Timmo, Kristi**; **Grossberg-Kuusk, Maarja** Physica B : condensed matter 2024 / art. 415744 https://doi.org/10.1016/j.physb.2024.415744 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of transmural pressure on the estimation of arterial stiffness index from the photoplethysmographic waveform
Pilt, Kristjan; **Reiu, Andy** Medical and Biological Engineering and Computing 2024 / p. 1049-1059 https://doi.org/10.1007/s11517-023-02992-y Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of WC grain size and content on erosive wear of manual arc welded hardfacings with low-carbon ferritic-pearlitic steel or stainless steel matrix
Katinas, Egidijus; **Antonov, Maksim**; Jankauskas, Vytenis; Skirkus, Remigijus Engineering materials and tribology : selected, peer reviewed papers from the 24th International Baltic Conference on Engineering Materials & Tribology (BALTMATTRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia 2016 / p. 213-218 : ill https://doi.org/10.4028/www.scientific.net/KEM.674.213 Conference Proceedings at Scopus Article at Scopus

Effect of WC grain size and content on low stress abrasive wear of manual arc welded hardfacings with low-carbon or stainless steel matrix
Jankauskas, Vytenis; **Antonov, Maksim**; Varnauskas, Valentinas; Skirkus, Remigijus; **Goljandin, Dmitri** Wear 2015 / p. 378-390 : ill https://doi.org/10.1016/j.wear.2015.02.063 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of wear debris entrapment on the tribological performance of AlCoCrFeNi produced by selective laser melting or spark plasma sintering
Karimi, Javad; **Antonov, Maksim**; **Prashanth, Konda Gokuldoss** Metallurgical and materials transactions A : Physical metallurgy and materials science 2022 / p. 4004-4010 https://doi.org/10.1007/s11661-022-06805-z Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effective electrical conductivity of carbon nanotube–epoxy nanocomposites
Kulakov, Vladimir; Aniskevich, Andrey; Ivanov, Sergey; **Poltimäe, Triinu**; Starkova, Olesja Journal of composite materials 2017 / p. 2979-2988 : ill https://doi.org/10.1177/0021998316678304 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effective optimization of billboard ads based on CDR data leverage
Semassel, Imed Eddine; **Ben Yahia, Sadok** Journal of Telecommunications and the Digital Economy 2022 / p. 76-95 https://doi.org/10.18080/jtde.v10n2.527 Journal metrics at Scopus Article at Scopus

Effective scalable IEEE 1687 instrumentation network for fault management
Jutman, Artur; **Shibin, Konstantin**; **Devadze, Sergei** IEEE design & test 2013 / p. 26-35 : ill https://doi.org/10.1109/MDAT.2013.2278535 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effects of Ar+ etching of Cu2ZnSnSe4 thin films : An x-ray photoelectron spectroscopy and photoluminescence study
Yakushev, Michael V.; Sulimov, Mikhail A.; Skidchenko, Ekaterina; **Krustok, Jüri** Journal of Vacuum Science & Technology B 2018 / art. 061208, 8 p. : ill https://doi.org/10.1116/1.5050243 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effects of coupling combined heat and power production with district cooling
Lepiksaar, Kertu; **Mašatin, Vladislav**; **Krupenski, Igor**; **Volkova, Anna** Energies 2023 / art. 4552 https://doi.org/10.3390/en16124552 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effects of Eulerian current, Stokes drift and wind while simulating surface drifter trajectories in the Baltic Sea
Pärn, Ove; Davulienė, Lina; Macias, Diego Moy; **Vahter, Kaimo**; Stips, Adolf; Torsvik, Tomas Oceanologia 2023 / p. 453-465 https://doi.org/10.1016/j.oceano.2023.02.001 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

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

Effects of night ventilation on indoor air quality in educational buildings—a field study
Lestinen, Sami; Kilpeläinen, Simo; **Kosonen, Risto**; Valkonen, Maria; **Jokisalo, Juha**; Pasanen, Pertti Applied sciences 2021 / art. 4056, 20 p. : ill https://doi.org/10.3390/app11094056 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effects of nutrient management scenarios on marine eutrophication indicators : a Pan-European, Multi-Model Assessment in Support of the Marine Strategy Framework Directive
Friedland, Rene; Macias, Diego; Cossarini, Gianpero; Daewel, Ute; Estournel, Claude; Garcia-Gorriz, Elisa; Grizzetti, Bruna; Gregoire, Marilaure; Gustafsson, Bo; **Maljutenko, Ilja**; Pärn, Ove; Pätsch, Johannes; **Raudsepp, Urmas** Frontiers in marine science 2021 / 22 p. : map https://doi.org/10.3389/fmars.2021.596126 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effects of persulfate and hydrogen peroxide on oxidation of oxalate by pulsed corona discharge
Tikker, Priit; **Dulova, Niina**; Kornev, Iakov; **Preis, Sergei** Chemical engineering journal 2021 / art. 128586 https://doi.org/10.1016/j.cej.2021.128586 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effects of the COVID-19 pandemic on energy systems and electric power grids — a review of the challenges ahead
Navon, Aviad; Machlev, Ram; Carmon, David; **Onile, Abiodun Emmanuel**; **Belikov, Juri**; Levron, Yoash Energies 2021 / art. 1056, 14 p. : ill https://doi.org/10.3390/en14041056 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effects of the inclusion of armchair graphene nanoribbons on the electrical conduction properties of NN-heterojunction 4H-6H/SiC diodes
Rashid, Muhammad Haroon; **Koel, Ants**; **Rang, Toomas** Advanced Materials and Processing Technologies : 2nd International Conference on Sensors, Materials and Manufacturing (ICSMM 2018, November 19-21, 2018, Taiwan); International Conference on Materials Sciences and Nanomaterials (ICMSN 2018, July 11-13, 2018, United Kingdom) and the 2nd International Conference on Materials and Intelligent Manufacturing (ICMIM 2018, August 24-26, 2018, Japan) 2019 / p. 29–35 : ill https://doi.org/10.4028/www.scientific.net/MSF.962.29 Conference proceeding at Scopus Article at Scopus

The effects of timber species and adhesive type on the behavior of finger joints in tension under fire conditions
Sciomenta, Martina; **Vihmann, Jane Liise**; **Tuhkanen, Eero**; **Just, Alar**; Fragiacomo, Massimo Construction and building materials 2024 / art. 138080 https://doi.org/10.1016/j.conbuildmat.2024.138080 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effects of vertical motions on roll of planing hulls
Dashtimanesh, Abbas; Tavakoli, Sasan; Mancini, Simone; Mehr, Javad A.; Milanesi, Stefano Journal of offshore mechanics and arctic engineering 2021 / p. 041401−041411 https://doi.org/10.1115/1.4050210 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effects of work arrangements on the sleep regimen of creative R&D employees
Hazak, Aaro; **Sõõru, Erve**; **Hein, Heili**; **Männasoo, Kadri** International journal of occupational safety and ergonomics 2020 / p. 728-739 https://doi.org/10.1080/10803548.2018.1504854 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Efficiency assessment of measures to increase sustainability of the transport system
Makarova, Irina; Shubenkova, Ksenia; Pashkevich, Anton Transport 2021 / p. 123–133 : ill https://doi.org/10.3846/transport.2021.14996 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Efficiency optimization of mini unmanned multicopter
Penkov, Igor; **Aleksandrov, Dmitri** International review of aerospace engineering 2017 / p. 277-281 : ill https://doi.org/10.15866/irease.v10i5.12132 Journal metrics at Scopus Article at Scopus

Efficiency study of the single-phase solar qZS-based inverter
Husev, Oleksandr; **Stepenko, Serhii**; **Vinnikov, Dmitri**; Roncero, Carlos; Santasheva, Elena; Romero-Cadaval, Enrique IECON 2019 - 45th Annual Conference of the IEEE Industrial Electronics Society : proceedings 2019 / p. 4399-4404 https://doi.org/10.1109/IECON.2019.8926655 Conference proceedings at Scopus Article at Scopus Article at WOS

An efficient assistance in cavity filter tuning using filter screw classification
Sekhri, Even; **Tamre, Mart**; Kapoor, Rajiv Advances in artificial-business analytics and quantum machine learning : select proceedings of the 3rd international conference, Com-IT-Con 2023, volume 1 2024 / p. 791-799 https://doi.org/10.1007/978-981-97-2508-3_58 Conference proceedings at Scopus Article at Scopus

An efficient authentication and key agreement scheme for secure smart grid communication services
Hammami, Hamza; Obaidat, Mohammad S.; **Ben Yahia, Sadok** International journal of communication systems 2020 / art. e4558, p.

1−13 https://doi.org/10.1002/dac.4558 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Efficient energy recovery from textile waste and biomass mixture
Kramens, Janis; Vigants, Edgars; Kanukuntla, Sai-Pavan; **Goljandin, Dmitri** Engineering for Rural Development ; vol. 22 2023 / p. 817 - 825 https://doi.org/10.22616/ERDev.2023.22.TF161 Conference Proceedings at Scopus Article at Scopus

Efficient excitation signals for the fast impedance spectroscopy
Ojarand, Jaan; **Min, Mart** Elektronika ir elektrotechnika = Electronics and electrical engineering 2014 / p. 144-149 : ill https://doi.org/10.5755/j01.eee.20.5.7115 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Efficient fixed-switching modulated finite control set-model predictive control based on artificial neural networks
Bakeer, Abualkasim Ahmed Ali; Alhasheem, Mohammed; Peyghami, Saeed Applied Sciences (Switzerland) 2022 / art. 3134 https://doi.org/10.3390/app12063134 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An efficient non-inverting buck-boost converter with improved step up/down ability
Abdelrahim Abdelghafour, Omar Mohamed; **Chub, Andrii**; **Blinov, Andrei**; **Vinnikov, Dmitri**; Peftitsis, Dimosthenis Energies 2022 / art. 4550 https://doi.org/10.3390/en15134550 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Efficient topic detection using an adaptive neural network architecture
Ben Yahia, Sadok; Manai, Meriem Advances in Information Systems, Artificial Intelligence and Knowledge Management(ICIKS 2023) 2024 / p. 145-157 https://doi.org/10.1007/978-3-031-51664-1_10 Conference proceedings at Scopus Article at Scopus Article at WOS

EFIC-ME : a fast emulation based fault injection control and monitoring enhancement
Abideen, Zain Ul; **Rashid, Muhammad Haroon** IEEE Access 2020 / p. 207705-207716 https://doi.org/10.1109/ACCESS.2020.3038198 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

E-governance and integration in the European union
Ramiro Troitino, David; **Mazur, Viktoria**; **Kerikmäe, Tanel** Internet of Things 2024 / art. 101321 https://doi.org/10.1016/j.iot.2024.101321 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

E-governance and the European Union : agenda for implementation
Ramiro Troitino, David Internet of Things 2024 / art. 101352 https://doi.org/10.1016/j.iot.2024.101352 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

E-Health in Europe : current situation and challenges ahead
Quaglio, Gianluca; Dario, Claudio; Stafylas, Panos; **Tiik, Madis**; McCormack, Sarah; Zilgalvis, Pēteris; d'Angelantonio, Marco; Karapiperis, Theodoros; Saccavini, Claudio Health Policy and Technology 2016 / p. 314 - 317 https://doi.org/10.1016/j.hlpt.2016.07.010 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Elastic wave Talbot effect in solids with inclusions
Berezovski, Arkadi; Tang, Wen-Xin; Wan, Weishi Mechanics research communications 2014 / p. 21-26 : ill https://doi.org/10.1016/j.mechrescom.2014.05.004 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

ELC-ECG: efficient LSTM cell for ECG classification based on quantized architecture
Mirsalari, Seyed Ahmad; Nazari, Najmeh; Ansarmohammadi, Seyed Ali; Sinaei, Sima; Salehi, Mostafa E.; **Daneshtalab, Masoud** 2021 IEEE International Symposium on Circuits and Systems (ISCAS), Daegu, Korea May 22-28, 2021 : proceedings 2021 / 5 p https://doi.org/10.1109/ISCAS51556.2021.9401261 Conference Proceedings at Scopus Article at Scopus Article at WOS

E-learning environment identification system : error injection and patterns dynamics
Kumlander, Deniss Innovations and advances in computer, information, systems sciences, and engineering 2013 / p. 917-924 https://doi.org/10.1007/978-1-4614-3535-8_76 Conference Proceedings at Scopus Article at Scopus

Electric sail test cube–lunar nanospacecraft, ESTCube-LuNa : solar wind propulsion demonstration mission concept
Slavinskis, Andris; Palos, Mario F.; Dalbins, Janis; Janhunen, Pekka; Tajmar, Martin; Ivchenko, Nickolay; Rohtsalu, Agnes; Micciani, Aldo; Orsini, Nicola; Moor, Karl Mattias; **Kristmann, Katriin** Aerospace 2024 / art. 230 https://doi.org/10.3390/aerospace11030230 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Electric vehicles charging infrastructure demand and deployment : challenges and solutions
Singh, Praveen Prakash; **Wen, Fushuan**; **Palu, Ivo**; Sachan, Sulabh; Deb, Sanchari Energies 2023 / art. 7 https://doi.org/10.3390/en16010007 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Electrical bioimpedance analysis for evaluating the effect of pelotherapy on the human skin : methodology and experiments
Metshein, Margus; Tuulik, Varje-Riin; Tuulik, Viiu; Kumm, Monika; **Min, Mart**; **Annus, Paul** Sensors 2023 / art. 4251

https://doi.org/10.3390/s23094251 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Electrical conductivity and mechanical properties of Cu-0.7wt% Cr and Cu-1.0wt% Cr alloys processed by severe plastic deformation
Kommel, Lembit; **Pokatilov, Andrei** IOP conference series : materials science and engineering 2014 / p. 1-7 : ill https://doi.org/10.1088/1757-899X/63/1/012169 Conference proceedings at Scopus Article at Scopus Article at WOS

Electrification of transportation: policy framework, technical aspects and challenges in Pakistan - A case study
Masood, Arsalan; Hassan, Syed Zulqadar; Kamal, Tariq; **Khan, Salman**; Rizvi, Syed Asad Abbas; Salman, Salman e-Prime - Advances in Electrical Engineering, Electronics and Energy 2024 / art. 100803, 18 p. : ill https://doi.org/10.1016/j.prime.2024.100803 Journal metrics at Scopus Article at Scopus

Electrocatalysts for oxygen reduction reaction based on electrospun polyacrylonitrile, styrene–acrylonitrile copolymer and carbon nanotube composite fibres
Mooste, Marek; Kibena-Põldsepp, Elo; **Vassiljeva, Viktoria**; **Uibu, Mai**; **Krumme, Andres** Journal of materials science 2019 / p. 11618–11634 : ill https://doi.org/10.1007/s10853-019-03725-z Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Electrochemical analysis of friction welded 17-4 PH stainless steel components manufactured by selective laser melting
Dinesh, Lanka; Nitheesh Kumar, R.; **Prashanth, Konda Gokuldoss**; Sivaprasad, K. International journal on interactive design and manufacturing 2023 / 8 p. : ill https://doi.org/10.1007/s12008-023-01659-0 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Electrochemical and photoelectrochemical characterization of SnS photoabsorber films
Kois, Julia; **Bereznev, Sergei**; **Maricheva, Jelena**; **Naidu, Revathi** Materials science in semiconductor processing 2017 / p. 76-81 : ill https://doi.org/10.1016/j.mssp.2016.10.036 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Electrochemical behaviour of TiCN and TiAlN gradient coatings prepared by lateral rotating cathode arc PVD technology
Baroninš, Janis; **Podgurski, Vitali**; **Antonov, Maksim**; **Bereznev, Sergei**; **Hussainova, Irina** Engineering materials and tribology XXV 2017 / p. 414-418 https://doi.org/10.4028/www.scientific.net/KEM.721.414 Journal metrics at Scopus Article at Scopus

Electrochemical functionalization of gold and silicon surfaces by a maleimide group as a biosensor for immunological application
Zhang, Xin; **Tretjakov, Aleksei**; Hovestädt, Marc; Sun, Guoguang; **Sõritski, Vitali**; **Reut, Jekaterina**; Volkmer, Rudolf; Hinrichs, Karsten; Rappich, Jörg Acta biomaterialia 2013 / p. 5838-5844 : ill https://doi.org/10.1016/j.actbio.2012.10.022 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Electrochemical sensor based on molecularly imprinted polymer for rapid quantitative detection of brain-derived neurotrophic factor
Ayankojo, Akinrinade George; **Boroznjak, Roman**; **Reut, Jekaterina**; **Tuvikene, Jürgen**; **Timmusk, Tõnis**; **Sõritski, Vitali** Sensors and Actuators B: Chemical 2023 / art. 134656 https://doi.org/10.1016/j.snb.2023.134656 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Electrochemical synthesis of CdSe/CdTe nanowires for hybrid photovoltaic structures
Gurevitš, Jelena; **Bereznev, Sergei**; **Mikli, Valdek**; **Naidu, Revathi**; **Mellikov, Enn**; **Kois, Julia** Materials Research Society symposium proceedings 2014 / [6] p. : ill https://doi.org/10.1557/opl.2014.576 Conference proceedings at Scopus Article at Scopus

Electrochemically synthesised CdSe nanofibers and pearl-chain nanostructures for photovoltaic applications
Kois, Julia; **Bereznev, Sergei**; **Gurevitš, Jelena**; **Volobujeva, Olga** Materials letters 2013 / p. 110-113 : ill https://doi.org/10.1016/j.matlet.2012.11.122 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Electrochemically synthesized MIP sensors : applications in healthcare diagnostics
Ayankojo, Akinrinade George; **Reut, Jekaterina**; **Sõritski, Vitali** Biosensors 2024 / art. 71 https://doi.org/10.3390/bios14020071 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Electroconductive fibrous mat prepared by electrospinning of polyacrylamide-g-polyaniline copolymers as electrode material for supercapacitors
Smirnov, Michael; **Tarasova, Elvira**; **Mikli, Valdek**; **Vassiljeva, Viktoria**; **Krumme, Andres** Journal of materials science 2018 / p. 4859–4873 : ill https://doi.org/10.1007/s10853-018-03186-w Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Electrode optimization for bioimpedance based central aortic blood pressure estimation
Metshein, Margus; **Kõiv, Hip**; **Annus, Paul**; **Min, Mart** World Congress on Medical Physics and Biomedical Engineering 2018 : June 3–8, 2018, Prague, Czech Republic (Vol. 2) 2018 / p. 497-501 https://doi.org/10.1007/978-981-10-9038-7_92 Conference Proceedings at Scopus Article at Scopus Article at WOS

Electrode placement strategies for the measurement of radial artery bioimpedance : simulations and experiments
Pesti, Ksenija; **Metshein, Margus**; **Annus, Paul**; **Kõiv, Hip**; **Min, Mart** IEEE transactions on instrumentation and measurement 2021 / 10 p. : ill https://doi.org/10.1109/TIM.2020.3011784 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Electroencephalography as an objective indicator of stress
Gavriljuk, Marietta; **Uudeberg, Tuuli**; **Pilt, Kristjan**; **Karai, Deniss**; **Fridolin, Ivo**; **Bachmann, Maie** 19th Nordic-Baltic Conference on Biomedical Engineering and Medical Physics : Proceedings of NBC 2023, June 12–14, 2023, Liepaja, Latvia 2023 / p. 221–226 https://doi.org/10.1007/978-3-031-37132-5_28 Conference proceedings at Scopus Article at Scopus

Electromechanical coupling of waves in nerve fibres
Engelbrecht, Jüri; **Peets, Tanel**; **Tamm, Kert** Biomechanics and modeling in mechanobiology 2018 / p. 1771–1783 : ill https://doi.org/10.1007/s10237-018-1055-2 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Electron beam melting of (FeCoNi)86Al7Ti7 high-entropy alloy
Peng, Cong; Jia, Yandong; Liang, Jian; Xu, Long; Wang, Gang; Mu, Yongkun; Sun, Kang; Ma, Pan; **Prashanth, Konda Gokuldoss** Journal of alloys and compounds 2023 / art. 170752 https://doi.org/10.1016/j.jallcom.2023.170752 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Electron-beam welding of high-entropy alloy and stainless steel: microstructure and mechanical properties
Sokkalingam, Rathinavelu; Mastanaiah, P.; Muthupandi, Veerappan; Sivaprasad, Katakam; **Prashanth, Konda Gokuldoss** Materials and manufacturing processes 2020 / p. 1885-1894 https://doi.org/10.1080/10426914.2020.1802045 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Electrospinning of chitosan biopolymer and polyethylene oxide blends
Varnaite-Žuravliova, Sandra; **Savest, Natalja**; Baltušnikaite-Guzaitiene, Julija; Abraitiene, Aušra; **Krumme, Andres** Autex research journal 2020 / p. 426-440 : ill https://doi.org/10.2478/aut-2019-0031 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Electrospun conductive mats from PANi-ionic liquid blends
Savest, Natalja; **Plamus, Tiia**; Kütt, Kertu; **Kallavus, Urve**; **Viirsalu, Mihkel**; **Tarasova, Elvira**; **Vassiljeva, Viktoria**; **Krasnou, Illia**; **Krumme, Andres** Journal of electrostatics 2018 / p. 40-44 https://doi.org/10.1016/j.elstat.2018.09.007 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Elliptic-curve crypto processor for RFID applications
Rashid, Muhammad; Jamal, Sajjad Shaukat; Khan, Sikandar Zulqarnain; Alharbi, Adel R.; Aljaedi, Amer; **Imran, Malik** Applied Sciences (Switzerland) 2021 / art. 7079 https://doi.org/10.3390/app11157079 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Embedded blur-free single-image acquisition pipeline for droplet microfluidic imaging flow cytometry (IFC)
Afrin, Fariha; **Pärnamets, Kaiser**; **Le Moullec, Yannick**; **Udal, Andres**; **Koel, Ants**; **Pardy, Tamas**; **Rang, Toomas** IEEE Access 2024 / p. 92431-92441 https://doi.org/10.1109/ACCESS.2024.3421637 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An embedded half-bridge Γ-Z-source inverter with reduced voltage stress on capacitors
Mashinchi Maheri, Hamed; **Vinnikov, Dmitri**; Nozadian, Mohsen Hasan Babayi; Shokati Asl, Elias; Babaei, Ebrahim; **Chub, Andrii** Energies 2021 / art. 6433, 21 p. : ill https://doi.org/10.3390/en14196433 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Emerging challenges for numerical simulations of quasi-static collision experiments on laser-welded thin-walled steel structures
Romanoff, Jani; **Kõrgesaar, Mihkel**; Remes, Heikki Journal of marine science and application 2020 / p. 567-583 : ill https://doi.org/10.1007/s11804-020-00174-y Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Emissions and power demand in optimal energy retrofit scenarios of the Finnish building stock by 2050
Hirvonen, Janne; Heljo, Juhani; **Jokisalo, Juha**; Kurvinen, Antti; Saari, Arto; Niemelä, Tuomo; Sankelo, Paula; **Kosonen, Risto** Sustainable cities and society 2021 / art. 102896, 22 p. : ill https://doi.org/10.1016/j.scs.2021.102896 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Emissions of DEHP‐free PVC flooring
Castagnoli, Emmanuelle; Backlund, Peter; Talvitie, Oskari; **Kurnitski, Jarek** Indoor air 2019 / p. 903-912 : ill https://doi.org/10.1111/ina.12591 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Empirical evaluation of NB-IoT and CAT-M coverage for underground water system
Roosipuu, Priit; **Annus, Ivar**; **Kuusik, Alar**; **Kändler, Nils**; **Alam, Muhammad Mahtab**; **Müürsepp, Ivo** IEEE Access 2024 / p. 187290-187301 https://doi.org/10.1109/ACCESS.2024.3478733 Journal metrics at Scopus Article at Scopus Journal metrics at WOS

Article at WOS

Employment of dopant-free fluorene-based enamines as innovative hole transport materials to boost the transparency and performance of Sb2S3 based solar cells
Juneja, Nimish; Daskeviciute-Geguziene, Sarune; **Spalatu, Nicolae**; **Mandati, Sreekanth**; **Katerski, Atanas**; Grzibovskis, Raitis; Vembris, Aivars; Karazhanov, Smagul; Getautis, Vytautas; **Krunks, Malle**; **Oja Acik, Ilona** Materials science in semiconductor processing 2024 / art. 107934 https://doi.org/10.1016/j.mssp.2023.107934 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

End-to-end multimodal sensor dataset collection framework for autonomous vehicles
Gu, Junyi; Lind, Artjom; Chhetri, Tek Raj; **Bellone, Mauro**; **Sell, Raivo** Sensors 2023 / art. 6783, 25 p. : ill https://doi.org/10.3390/s23156783 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Endurance of micro-perforated elements in unmanned ground vechicle's small diesel engine silencer application
Rämmal, Hans; **Lavrentjev, Jüri** 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 2019-32-0533, p. 1-8 http://www.setc-jsae.com/2019docs/SETC2019_FinalProgram_all.pdf Conference proceedings at Scopus Article at Scopus

Energy analysis in ice hockey arenas and analytical formula for the temperature profile in the ice pad with transient boundary conditions
Ferrantelli, Andrea; Viljanen, Klaus; **Kurnitski, Jarek** Advances in building energy research 2021 / p. 499-522 : ill https://doi.org/10.1080/17512549.2019.1615549 Journal metrics at Scopus Article at Scopus

Energy and investment intensity of integrated renovation and 2030 cost optimal savings
Kurnitski, Jarek; **Kuusk, Kalle**; **Tark, Teet**; Uutar, Aivar; **Kalamees, Targo**; **Pikas, Ergo** Energy and buildings 2014 / p. 51-59 : ill https://doi.org/10.1016/j.enbuild.2014.01.044 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Energy cascade connection of a low-temperature district heating network to the return line of a high-temperature district heating network
Volkova, Anna; **Krupenski, Igor**; Ledvanov, Aleksandr; Hlebnikov, Aleksandr; **Lepiksaar, Kertu**; **Latõšov, Eduard**; **Mašatin, Vladislav** Energy 2020 / art. 117304, 15 p. : ill https://doi.org/10.1016/j.energy.2020.117304 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Energy demand for the heating and cooling of residential houses in Finland in a changing climate
Jylhä, Kirsti; Jokisalo, Juha; **Kalamees, Targo** Energy and buildings 2015 / p. 104-116 : ill https://doi.org/10.1016/j.enbuild.2015.04.001 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Energy efficiency and connectivity maximization for massive machine type communication in multi-cell NOMA
Latif, Aamir; **Elgarhy, Osama Mohamed Mostafa**; **Le Moullec, Yannick**; **Alam, Muhammad Mahtab** 2024 19th Biennial Baltic Electronics Conference (BEC) : October 2-4, 2024, Estonia 2024 / 6 p https://doi.org/10.1109/BEC61458.2024.10737950 Conference proceedings at Scopus Article at Scopus Article at WOS

Energy efficiency and latency optimization for IoT URLLC and mMTC use cases
Elgarhy, Osama Mohamed Mostafa; Reggiani, Luca; **Alam, Muhammad Mahtab**; Zoha, Ahmed; Ahmad, Rizwan; **Kuusik, Alar** IEEE Access / p. 23132-23148 https://doi.org/10.1109/ACCESS.2024.3364349 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article WOS

Energy efficiency profiles for unmanned ground vehicles
Väljaots, Eero; **Sell, Raivo** Proceedings of the Estonian Academy of Sciences 2019 / p. 55–65 : ill https://doi.org/10.3176/proc.2019.1.04 http://www.kirj.ee/public/proceedings_pdf/2019/issue_1/proc-2019-1-55-65.pdf Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Energy efficient behavior modeling for demand side recommender system in solar microgrid applications using multi-agent reinforcement learning model
Onile, Abiodun Emmanuel; **Belikov, Juri**; Levron, Yoash; **Petlenkov, Eduard** Sustainable cities and society 2023 / art. 104392, 20 p. : ill https://doi.org/10.1016/j.scs.2023.104392 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Energy levels determination of Zn(O,Se) thin films
Abdalla, Akram; **Danilson, Mati**; **Mikli, Valdek**; **Bereznev, Sergei** Materials science in semiconductor processing 2023 / art. 107137 https://doi.org/10.1016/j.mssp.2022.107137 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Energy management of an isolated microgrid : a practical case
Ghasemi-Marzbali, Ali; **Ahmadiahangar, Roya**; Gouran Orimi, Sina; Shafiei, Mohammad; **Häring, Tobias**; **Rosin, Argo** IECON 2021 – 47th Annual Conference of the IEEE Industrial Electronics Society, 13-16 October 2021, Toronto, ON, Canada 2021 / 6 p. : ill https://doi.org/10.1109/IECON48115.2021.9589801 Conference Proceedings at Scopus Article at Scopus Article at WOS

Energy performance certificate classes rating methods tested with data : how does the application of minimum energy performance standards to worst-performing buildings affect renovation rates, costs, emissions, energy consumption?
Ferrantelli, Andrea; **Kurnitski, Jarek** Energies 2022 / art. 7552 https://doi.org/10.3390/en15207552 Journal metrics at Scopus Article at Scopus Journal metric at WOS Article at WOS

Energy performance of radiators with parallel and serial connected panels
Maivel, Mikk; Konzelmann, Martin; **Kurnitski, Jarek** Energy and buildings 2015 / p. 745-753 : ill https://doi.org/10.1016/j.enbuild.2014.10.007 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Energy performance of the Serbian and Estonian family house with a selective absorption facade
Lukic, N.; Nešovic, A.; Nikolic, N.; **Siirde, Andres**; **Volkova, Anna**; **Latõšov, Eduard** IOP conference series : materials science and engineering 2019 / art. 012047, 10 p. : ill https://doi.org/10.1088/1757-899X/659/1/012047 Conference proceedings at Scopus Article at Scopus

Energy pile field simulation in large buildings: validation of surface boundary assumptions
Ferrantelli, Andrea; **Fadejev, Jevgeni**; **Kurnitski, Jarek** Energies 2019 / art. 770, 20 p. : ill https://doi.org/10.3390/en12050770 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Energy storage facilities impact on flexibility of active distribution networks: stochastic approach
Alipour, Manijeh; Gharehpetian, Gevork B.; **Ahmadiahangar, Roya**; **Rosin, Argo**; **Kilter, Jako** Electric power systems research 2022 / art. 108645 https://doi.org/10.1016/j.epsr.2022.108645 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Energy storage for 1500 V photovoltaic systems : A comparative reliability analysis of DC-and AC-Coupling
He, Jinkui; Yang, Yongheng; **Vinnikov, Dmitri** Energies 2020 / art. 3355, 16 p. : ill https://doi.org/10.3390/en13133355 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Energy storage for mitigating grid congestion caused by electric vehicles : a techno-economic analysis using a computationally efficient graph-based methodology
Navon, Aviad; Nitskansky, Ran; Lipman, Eshel; **Belikov, Juri**; Gal, Nurit; Orda, Ariel; Levron, Yoash Journal of energy storage 2023 / art. 106324 https://doi.org/10.1016/j.est.2022.106324 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Energy trading and management strategies in a regional integrated energy system with multiple energy carriers and renewable-energy generation
Wang, Yizheng; Jiang, Chenwei; **Wen, Fushuan**; Xue, Yusheng; Chen, Fei; Zhang, Lijun; Yuan, Xiang Journal of energy engineering 2021 / p. 04020076-1-04020076-12 : ill https://doi.org/10.1061/(ASCE)EY.1943-7897.0000726 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Energy use and indoor climate of conservation heating, dehumidification and adaptive ventilation for the climate control of a mediaeval church in a cold climate
Napp, Margus; **Kalamees, Targo** Energy and buildings 2015 / p. 61-71 : ill https://doi.org/10.1016/j.enbuild.2015.08.013 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Energy-efficient distributed leader selection algorithm for energy-constrained wireless sensor networks
Ulp, Sander; **Le Moullec, Yannick**; **Alam, Muhammad Mahtab** IEEE Access 2019 / p. 4410-4421 : ill https://doi.org/10.1109/ACCESS.2018.2888551 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Energy-efficient multi-fragment Markov model guided online model-based testing for MPSoC
Vain, Jüri; **Tsiopoulos, Leonidas**; Kharchenko, Vyacheslav; **Apneet Kaur**; **Jenihhin, Maksim**; **Raik, Jaan**; **Nõmm, Sven** Green IT Engineering: Social, Business and Industrial Applications 2019 / p. 273-297 https://doi.org/10.1007/978-3-030-00253-4_12 Article collection at Scopus Article at Scopus

Energy-efficient operation of linear Delta robots with an artificial intelligence model
Vodovozov, Valery; **Raud, Zoja**; **Petlenkov, Eduard**; **Semjonova, Natalia** 2024 19th Biennial Baltic Electronics Conference (BEC) 2024 / 5 p https://doi.org/10.1109/BEC61458.2024.10737977 Conference proceedings at Scopus Article at Scopus Article at WOS

Engineering students' experiences in studing entrepreneurship
Täks, Marge; Tynjälä, Päivi; **Toding, Martin**; Kukemelk, Hasso; **Venesaar, Urve** Journal of engineering education (JEE) 2014 / p. 573-598 : ill https://doi.org/10.1002/jee.20056 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Engineering students mobility: intercultural barriers to achieving intercultural competences
Vodovozov, Valery; **Raud, Zoja** Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 2 2021 / p. 248-255 https://doi.org/10.1007/978-3-030-68201-9_78 Article collection metrics at Scopus Article at Scopus Article at WOS

Enhanced efficiency of hybrid amorphous silicon solar cells based on single-walled carbon nanotubes and polymer composite thin film
Rajanna, Pramod M.; Gilshteyn, Evgenia P.; Yagafarov, Timur; Alekseeva, Alena A.; Anisimov, Anton S.; Neumüller, Alex; Sergeev, Oleg; **Bereznev, Sergei**; **Maricheva, Jelena**; Nasibulin, Albert Nanotechnology 2018 / 10 p. : ill https://doi.org/10.1088/1361-6528/aaa647 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Enhanced grain orientation in Sb2Se3 thin films deposited on Mo/BSG substrates via RF-sputtering and selenization
Uslu, Mehmet Ender; **Muska, Katri**; **Pilvet, Maris**; **Bereznev, Sergei**; **Mikli, Valdek**; **Kauk-Kuusik, Marit**; **Grossberg-Kuusk, Maarja** Materials science in semiconductor processing 2024 / art. 108835 https://doi.org/10.1016/j.mssp.2024.108835 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Enhanced optical and thermal conductivity properties of barium titanate ceramic via strontium doping for thermo-optical applications
Tihtih, Mohammed; Ibrahim, Jamal Eldin F. M.; Basyooni, Mohamed A.; En-nadir, Redouane; Belaid, Walid; Abdelfattah, Mohamed M.; **Hussainova, Irina**; Pszota, Gabor; Kocserha, Istvan Optical and Quantum Electronics 2023 / art. 226, 20 p. : ill https://doi.org/10.1007/s11082-022-04516-8 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Enhanced optimization of the wideband excitation signal for a bioimpedance measurement
Ojarand, Jaan; **Rist, Marek**; **Min, Mart** 2015 IEEE International Instrumentation and Measurement Technology Conference (I2MTC 2015) : May 11-14, 2015, Pisa, Italy : proceedings 2015 / p. 1801-1806 : ill https://doi.org/10.1109/I2MTC.2015.7151554 Conference proceedings at Scopus Article at Scopus Article at WOS

Enhanced sensing properties of cobalt bis-porphyrin derivative thin films by a magneto-plasmonic-opto-chemical sensor
Colombelli, A.; Manera, Maria Grazia; **Borovkov, Victor**; Giancane, Gabriele Sensors and actuators B : chemical 2017 / p. 1039-1048 : ill https://doi.org/10.1016/j.snb.2017.01.192 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Enhancement of hydrogen storage in metals by using a new technique in Severe Plastic Deformations
Omranpour Shahreza, Babak; **Kommel, Lembit**; Sanchez, E. Garcia 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. 173-178 : ill https://doi.org/10.4028/www.scientific.net/KEM.799.173 https://www.scientific.net/KEM.799.173 https://www.ester.ee/record=b5235278*est Conference proceeding at Scopus Article at Scopus

Enhancement of photoluminescence of GaAsBi quantum wells by parabolic design of AlGaAs barriers
Pukiene, Simona; Karaliunas, Mindaugas; Jasinskas, A.; **Udal, Andres** Nanotechnology 2019 / art. 455001, 11 p. : ill https://doi.org/10.1088/1361-6528/ab36f3 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Enhancing bandgap depth in locally resonant metastructures via notch-filtered piezoelectric actuation
Alimohammadi, Hossein; **Vassiljeva, Kristina**; HosseinNia Kani, Seyed Hassan; **Petlenkov, Eduard** 2024 IEEE International Conference on Industrial Technology (ICIT) 2024 https://doi.org/10.1109/ICIT58233.2024.10540976 Conference Proceedings at Scopus Article at Scopus

Enhancing binding properties of imprinted polymers for the detection of small molecules
Ayankojo, Akinrinade George; **Reut, Jekaterina**; **Öpik, Andres**; **Tretjakov, Aleksei**; **Sõritski, Vitali** Proceedings of the Estonian Academy of Sciences 2018 / p. 138–146 : ill https://doi.org/10.3176/proc.2018.2.04 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Enhancing CLT construction – Hygrothermal modelling, novel performance criterion, and strategies for end-grain moisture safety
Kalbe, Kristo; **Pärn, Roland**; **Ruus, Aime**; **Kalamees, Targo** Journal of building engineering 2024 / art. 111411 https://doi.org/10.1016/j.jobe.2024.111411 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Enhancing employee work engagement through High-performance Work Systems : evidence from an ICT company
Kütt, Maria; Terasmaa, Meelike IEEM 2024 : IEEE International Conference on Industrial Engineering and Engineering Management (IEEM) : Bangkok, Thailand, 15 Dec-18 Dec 2024 2024 / p. 614 - 617 https://doi.org/10.1109/IEEM62345.2024.10857071 Conference proceedings at Scopus Article at Scopus

Enhancing entrepreneurship education in engineering students to increase their metacognitive abilities : analysis of student self-assessments
Ling, Hannes; **Venesaar, Urve** Inzinerine ekonomika = Engineering economics 2015 / p. 333-342 : ill https://doi.org/10.5755/j01.ee.26.3.5283 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Enhancing fingerprinting-based 5G positioning accuracy with directionally transmitted synchronization signals
Müürsepp, Ivo; **Alam, Muhammad Mahtab** 2024 19th Biennial Baltic Electronics Conference (BEC) 2024 / 6 p. https://doi.org/10.1109/BEC61458.2024.10737987 Conference Proceedings at Scopus Article at Scopus Article at WOS

Enhancing global model performance in federated learning with non-IID data using a data-free generative diffusion model
Najafi, Mohammadreza; **Daneshtalab, Masoud**; **Lee, Jeong-A**; **Saadloonia, Ghazal**; **Shin, Seokjoo** IEEE Access 2024 / p. 148230-148239 : ill https://doi.org/10.1109/ACCESS.2024.3474056 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Enhancing privacy risk modeling in practice: a case study of an e-justice system
Gakh, Valerii; Bahsi, Hayretdin; Hoffmann, Thomas; Boyarchuk, Artem; Khramov, Oleksii IEEE Access 2024 / p. 183851-183874 https://doi.org/10.1109/ACCESS.2024.3509332 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Enhancing PV hosting capacity and mitigating congestion in distribution networks with deep learning based PV forecasting and battery management
Shabbir, Noman; **Kütt, Lauri**; **Astapov, Victor**; **Daniel, Kamran**; Jawad, Muhammad; **Husev, Oleksandr**; **Rosin, Argo**; Martins, Joao Applied energy 2024 / art. 123770 https://doi.org/10.1016/j.apenergy.2024.123770 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Enhancing the bending strength, load-carrying capacity and material efficiency of aspen and black alder plywood through thermo-mechanical densification of face veneers
Akkurt, Tolgay; **Rohumaa, Anti**; **Kallakas, Heikko**; Scharf, Alexander; **Kers, Jaan** Construction and building materials 2024 / art. 138555 https://doi.org/10.1016/j.conbuildmat.2024.138555 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Enhancing the partner selection process in a Sustainable Partner Network
Ševtšenko, Eduard; **Mahmood, Kashif**; **Karaulova, Tatjana** IFAC-PapersOnLine 2019 / p. 2425-2430 : ill https://doi.org/10.1016/j.ifacol.2019.11.570 Conference proceedings at Scopus Article at Scopus Article at WOS

Enhancing the tensile properties of laser repairing Ti-6Al-4V alloys: Optimization of strain distribution based on composition fine-turning
Zhang, H.; Wang, G.; Yang, S.; Wang, N.; **Prashanth, Konda Gokuldoss**; Ye, Z.; Zhao, K.; Zhang, F.; Tan, H. Journal of Materials Science & Technology 2024 / p. 1-11 https://doi.org/10.1016/j.jmst.2024.02.065 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Enhancing university visitor satisfaction : a human-robot interaction study on the design and perception of a guiding robot assistant
Leoste, Janika; **Marmor, Kristel**; **Hollstein, Thomas**; Hinkelmann, Heiko; **Leoste, Leo Benjamin** Robotics in education : proceedings of the RiE 2024 conference 2024 / p. 223-234 https://doi.org/10.1007/978-3-031-67059-6_20 Conference Proceedings at Scopus Article at Scopus Article at WOS

Ensemble approach for detection of depression using EEG features
Avots, Egils; Jermakovs, Klavs; **Bachmann, Maie**; **Päeske, Laura**; Ozcinar, Cagri; Anbarjafari, Gholamreza Entropy 2022 / art. 211 https://doi.org/10.3390/e24020211 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Ensuring Cybersecurity in Shipping: Reference to Estonian Shipowners
Heering, Dan TransNav : the international journal on marine navigation and safety of sea transportation 2020 / p. 271−278 https://doi.org/10.12716/1001.14.02.01 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Ensuring sustainability of public transport system through rational management
Makarova, Irina; **Pashkevich, Anton**; Shubenkova, Ksenia Procedia engineering 2017 / p. 137-146 : ill https://doi.org/10.1016/j.proeng.2017.01.078 Conference proceedings at Scopus Article at Scopus Article at WOS

Enzymatic conversion of hydrolysis lignin - a potential biorefinery approach
Khan, Sharib; Puss, Kait Kaarel; **Lukk, Tiit**; Loog, Mart; Kikas, Timo; Salmar, Siim Energies 2023 / art. 370, 13 p. : ill https://doi.org/10.3390/en16010370 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Environment for the analysis of functional self-test quality in digital systems
Ubar, Raimund-Johannes; **Kostin, Sergei**; **Kruus, Helena**; **Aarna, Margit**; **Devadze, Sergei** Proceedings of the Estonian Academy of Sciences 2014 / p. 151-162 : ill https://artiklid.elnet.ee/record=b2673964*est https://doi.org/10.3176/proc.2014.2.05 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Epistemological explanation of lean construction
Koskela, Lauri; Ferrantelli, Andrea; Niiranen, Jarkko; **Pikas, Ergo**; Dave, Bhargav Journal of construction engineering and management 2019 / p. 04018131-1 -04018131-10 https://doi.org/10.1061/(ASCE)CO.1943-7862.0001597 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The Erasmus+ strategic partnership as a way to attract young people to engineering
Stepien, Mariusz; Berger, Kevin; **Rassõlkin, Anton**; **Vaimann, Toomas** Advances in Human Factors in Training, Education, and Learning Sciences : Proceedings of the AHFE 2019 International Conference on Human Factors in Training, Education, and Learning

Sciences, July 24-28, 2019, Washington D.C., USA 2020 / p. 252-259 https://doi.org/10.1007/978-3-030-20135-7_25 Conference proceedings at Scopus Article at Scopus

Erosion studies of the iron boride coatings for protection of tubing components in oil production, mineral processing and engineering applications
Medvedovski, Eugene; **Antonov, Maksim** Wear 2020 / art. 203277, 8 p. : ill https://doi.org/10.1016/j.wear.2020.203277 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Erosion wear behavior of HVAF-sprayed WC/Cr3C2-based cermet and martensitic stainless steel coatings on AlSi7Mg0.3 alloy : a comparative study
Korobov, Yuri; **Antonov, Maksim**; Astafiev, Vladimir; Brodova, Irina; Kutaev, Vladimir; Estemirova, Svetlana; Devyatyarov, Mikhail; Okulov, Artem Journal of manufacturing and materials processing 2024 / art. 231 https://doi.org/10.3390/jmmp8050231 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Erosion wear of reactive sintered WC-TiC-Co cermets
Tarraste, Marek; **Juhani, Kristjan**; **Pirso, Jüri**; **Viljus, Mart** Engineering materials & tribology XXII 2014 / p. 63-66 https://doi.org/10.4028/www.scientific.net/KEM.604.63 Conference proceedings at Scopus Article at Scopus Conference proceedings at WOS Article at WOS

Erosive wear of boiler steels by sand and ash
Huttunen-Saarivirta, E.; Kinnunen, H.; Tuiremo, J.; Uusitalo, M.; **Antonov, Maksim** Wear 2014 / p. 213-224 : ill https://doi.org/10.1016/j.wear.2014.06.007 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Erosive wear resistance of nature-inspired flexible materials
Kumar, Rahul, 1993-; **Antonov, Maksim**; **Holovenko, Yaroslav**; **Surženkov, Andrei** Tribology letters 2020 / art. 51, 8 p. : ill https://doi.org/10.1007/s11249-020-01296-8 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Erratum to : Thermodynamic approach to generalized continua
Van, Peter; **Berezovski, Arkadi**; Papenfuss, Christina Continuum mechanics and thermodynamics 2014 / p. 421-422 https://doi.org/10.1007/s00161-014-0332-2 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Establishing best practices in photoplethysmography signal acquisition and processing
Charlton, Peter H.; **Pilt, Kristjan**; Kyriacou, Panayiotis A. Physiological measurement 2022 / art. 050301, 6 p https://doi.org/10.1088/1361-6579/ac6cc4 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

ESTCube-1 in-orbit experience and lessons learned
Slavinskis, Andris; Pajusalu, Mihkel; Kuuste, Henri; Ilbis, Erik; Eenmäe, Tõnis; Sunter, Indrek; Laizans, Kaspars; **Ehrpais, Hendrik**; **Liias, Paul**; Kulu, Erik IEEE aerospace and electronic systems magazine 2015 / art. 7286959, p. 12-22 : ill https://doi.org/10.1109/MAES.2015.150034 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

ESTCube-1 nanosatellite for electric solar wind sail demonstration in low Earth Orbit
Kulu, Erik; Slavinskis, Andris; Kvell, Urmas; Pajusalu, Mihkel; Kuuste, Henri; Sünter, Indrek; Ilbis, Erik; Eenmäe, Tõnis; Laizāns, Kaspars; **Vahter, Andres**; Eilonen, Elo; Kalde, Jaanus; **Liias, Paul**; Sisask, Andreas; Kimmel, Lauri; Allik, Viljo; Latt, Silver; Noorma, Mart 64th International Astronautical Congress 2013 (IAC 2013) : Beijing, China, 23 - 27 September 2013 2013 / p. 3898 - 3902 https://www.researchgate.net/publication/289349984_ESTCube-1_nanosatellite_for_electric_solar_wind_sail_demonstration_in_low_Earth_Orbit Conference Proceedings at Scopus Article at Scopus

ESTCube-1 nanosatellite for electric solar wind sail in-orbit technology demonstration
Lätt, Silver; Slavinskis, Andris; Ilbis, Erik; **Vahter, Andres**; **Liias, Paul**; **Vahter, Toomas**; **Edvard, Veigo** Proceedings of the Estonian Academy of Sciences 2014 / p. 200-209 : ill https://artiklid.elnet.ee/record=b2672246*est https://doi.org/10.3176/proc.2014.2S.01 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Estimating parameters for traffic flow using navigation data on vehicles
Burinskiene, Marija; Kapski, Denis; Kasyanik, Valery; **Pashkevich, Anton** The Baltic journal of road and bridge engineering 2020 / p. 1-21 https://doi.org/10.7250/bjrbe.2020-15.492 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Estimating sparse signals using integrated wideband dictionaries
Butsenko, Maksim; Swärd, Johan; Jakobsson, Andreas IEEE Transactions on Signal Processing 2018 / p. 4170-4181 : ill https://doi.org/10.1109/TSP.2018.2835426 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Estimating sparse signals using integrated wide-band dictionaries
Butsenko, Maksim; Swärd, Johan; Jakobsson, Andreas 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. 4426-4430 : ill https://doi.org/10.1109/ICASSP.2017.7952993 Conference proceedings at Scopus Article at Scopus Article at WOS

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

the Wells-Riley model
Aganovic, Amar; Bi, Yang; Cao, Guangyu; Drangsholt, Finn; **Kurnitski, Jarek**; Wargocki, Pawel Building and environment 2021 / art. 108278, 14 p. : ill https://doi.org/10.1016/j.buildenv.2021.108278 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Estimation of flow turbulence metrics with a lateral line probe and regression
Chen, Ke; **Tuhtan, Jeffrey Andrew**; **Fuentes-Pérez, Juan Francisco**; **Toming, Gert**; Musall, Mark; Strokina, Nataliya; Kämäräinen, Joni-Kristian; **Kruusmaa, Maarja** IEEE transactions on instrumentation and measurement 2017 / p. 651-660 : ill https://doi.org/10.1109/TIM.2017.2658278 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Estimation of power system inertia from ambient wide area measurements
Tuttelberg, Kaur; **Kilter, Jako**; Wilson, Douglas; Uhlen, Kjetil IEEE transactions on power systems 2018 / p. 7249-7257 https://doi.org/10.1109/TPWRS.2018.2843381 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Estimation of real-time demands on the basis of pressure measurements by different optimization methods
Vassiljev, Anatoli; **Koppel, Tiit** Advances in engineering software 2015 / p. 67-71 : ill https://doi.org/10.1016/j.advengsoft.2014.09.023 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Estimation of real-time water fluxes in water distribution system on the basis of pressure measurements
Koppel, Tiit; **Vassiljev, Anatoli** Advances in engineering software 2013 / p. 19-23 : ill https://doi.org/10.1016/j.advengsoft.2012.11.012 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Estimation of removed uremic toxin indoxyl sulphate during hemodialysis by using optical data of the spent dialysate
Holmar, Jana; **Uhlin, Nils Fredrik Arne**; **Ferenets, Rain**; **Lauri, Kai**; **Tanner, Risto**; **Arund, Jürgen**; Luman, Merike; **Fridolin, Ivo** The 2013 35th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC) proceedings 2013 / p. 6707-6710 : ill https://doi.org/10.1109/EMBC.2013.6611095 Conference Proceedings at Scopus Article at Scopus

Estimation of transmission loss components from phasor measurements
Tuttelberg, Kaur; **Kilter, Jako** International journal of electrical power & energy systems 2018 / p. 62-71 : ill https://doi.org/10.1016/j.ijepes.2017.11.040 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Estonia's cyber defence league : a model for the United States?
Cardash, Sharon L.; Cilluffo, Frank J.; **Ottis, Rain** Studies in conflict & terrorism 2013 / p. 777-787 https://doi.org/10.1080/1057610X.2013.813273 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Estonian traffic behaviour monitoring studies 2001-2016 : overview and results
Ess, Juri; **Antov, Dago** The Baltic journal of road and bridge engineering 2017 / p. 167-173 https://doi.org/10.3846/bjrbe.2017.20 http://www.ester.ee/record=b2222369*est Journal metrics at Scopus Article at Scopus Article at WOS

Ethical attitudes among engineering students : some preliminary insights
Durst, Susanne; **Pevkur, Aive**; **Parts, Velli** Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 2 2021 / p. 780-788 https://doi.org/10.1007/978-3-030-68201-9_77 Conference proceedings at Scopus Article at Scopus Article at WOS

ETSI SmartBAN architecture: The global vision for smart body area networks
Hamalainen, Matti; Mucchi, Lorenzo; Girod-Genet, Marc; Paso, Tuomas; Farserotu, John; Tanaka, Hirokazu; Anzai, Daisuke; Pierucci, Laura; **Khan, Rida**; **Alam, Muhammad Mahtab** IEEE Access 2020 / art. 9167215, p. 150611-150625 https://doi.org/10.1109/ACCESS.2020.3016705 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Eulerian–Eulerian RSTM-PDF modeling of turbulent particulate flow
Kartušinski, Aleksander; Michaelides, Efstathios E.; **Hussainov, Medhat**; **Štšeglov, Igor**; Akhmadullin, Ildar Mathematics 2023 / art. 2647, 15 p. : ill https://doi.org/10.3390/math11122647 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

European Regional Airport : Factors Influencing Efficency
Nõmmik, Allan; **Antov, Dago** Transport and telecommunication journal 2020 / p. 211 - 220 https://doi.org/10.2478/ttj-2020-0017 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

European roadmap for the En-ActivETICS advancement and potential of the PV/PCM unventilated wall system application
Heim, Dariusz; **Talvik, Martin**; Wieprzkowicz, Anna; **Ilomets, Simo**; Knera, Dominika; **Kalamees, Targo**; Czarny, Dariusz Energy and buildings 2023 / art. 113207 https://doi.org/10.1016/j.enbuild.2023.113207 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

European Values, artificial intellligence and e-governance in Estonia and EU
Salumaa-Lepik, Kärt; Nisu, Nele Internet of Things 2024 / art. 101278 https://doi.org/10.1016/j.iot.2024.101278 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Evaluating architectural, redundancy, and implementation strategies for radiation hardening of FinFET integrated circuits
Pagliarini, Samuel Nascimento; Benites, Luis; Martins, Mayler; Rech, Paolo; Kastensmidt, Fernanda IEEE transactions on nuclear science 2021 / p. 1045-1053 https://doi.org/10.1109/TNS.2021.3070643 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Evaluating construction education interventions
Olowa, Theophilus Oluwarotimi Olatunde; **Witt, Emlyn David Qivitoq**; **Lill, Irene** Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 2 2021 / p. 138-149 https://doi.org/10.1007/978-3-030-68201-9_49 Conference proceedings at Scopus Article at Scopus Article at WOS

Evaluating maritime cluster economic impact : the maritime cluster impact index
Nõmmela, Kaidi; **Kõrbe Kaare, Kati** Reliability and Statistics in Transportation and Communication : selected papers from the 21st International Multidisciplinary Conference on Reliability and Statistics in Transportation and Communication, RelStat2021, 14-15 October 2021, Riga, Latvia 2022 / p. 556-565 https://doi.org/10.1007/978-3-030-96196-1_51 Conference proceedings at Scopus Article at Scopus Article at WOS

Evaluating NTT/INTT implementation styles for post-quantum cryptography
Imran, Malik; Khan, Safiullah; Khalid, Ayesha; Rafferty, Ciara; Ali Shah, Yasir; Pagliarini, Samuel; Rashid, Muhammad; O'Neill, Maire IEEE Embedded Systems Letters 2024 / p. 485 - 488 https://doi.org/10.1109/LES.2024.3410516 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Evaluating outdoor thermal comfort using a mixed-method to improve the environmental quality of a university campus
Eslamirad, Nasim; **Sepulveda Luque, Abel**; **De Luca, Francesco**; **Lylykangas, Kimmo Sakari** Energies 2022 / art. 1577, 26 p. : ill https://doi.org/10.3390/en15041577 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Evaluating the changes in the functional status of the musculoskeletal system before and after an intervention among sewing machine operators with partial work ability
Traumann, Ada; **Tint, Piia**; Merisalu, Eda; Hiir, Kadi Journal of biomimetics biomaterials and biomedical engineering 2020 / p. 127-135 https://doi.org/10.4028/www.scientific.net/JBBBE.47.127 Journal metrics at Scopus Article at Scopus Journai metrics at WOS Article at WOS

Evaluating the energy readiness of national building stocks through benchmarking
Ferrantelli, Andrea; **Belikov, Juri**; **Petlenkov, Eduard**; **Thalfeldt, Martin**; **Kurnitski, Jarek** IEEE Access 2022 / p. 45430-45443 : ill https://doi.org/10.1109/ACCESS.2022.3170716 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Evaluating the microstructural formation in Mo added Ti6Al4V alloy fabricated by direct energy deposition using a laser-stop strategy
Ye, Z.; Yu, Z.; Gao, P.; **Prashanth, Konda Gokuldoss**; Zhang, F.; Zhao, K.; Tan, H. Additive Manufacturing 2024 / art. 104226 https://doi.org/10.1016/j.addma.2024.104226 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An evaluation and innovative coupling of seawater heat pumps in district heating networks
Ali, Hesham; **Hlebnikov, Aleksandr**; Pakere, Ieva; **Volkova, Anna** Energy 2024 / art. 133461 https://doi.org/10.1016/j.energy.2024.133461 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Evaluation of automatic speech recognition prototype for Estonian language in radiology domain : a pilot study
Paats, Andrus; **Alumäe, Tanel**; **Meister, Einar**; **Fridolin, Ivo** 16th Nordic-Baltic Conference on Biomedical Engineering : 16. NBC & 10. MTD 2014 Joint Conferences, October 14-16, 2014, Gothenburg, Sweden 2015 / p. 96-99 https://doi.org/10.1007/978-3-319-12967-9_26 Conference proceedings at Scopus Article at Scopus Article at WOS

Evaluation of deep neural network compression methods for edge devices using weighted score-based ranking scheme
Ademola, Olutosin Ajibola; **Leier, Mairo**; **Petlenkov, Eduard** Sensors 2021 / art. 7529 https://doi.org/10.3390/s21227529 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Evaluation of different designs to represent missing information in SQL databases
Eessaar, Erki; **Saal, Elari** Innovations and advances in computer, information, systems sciences, and engineering 2013 / p. 173-187 https://doi.org/10.1007/978-1-4614-3535-8_14 Conference Proceedings at Scopus Article at Scopus

Evaluation of Estonian phosphate rock by flotation
Yang, Xiaosheng; **Tamm, Kadriann**; **Piir, Indrek**; **Kuusik, Rein, keemik**; **Trikkel, Andres**; **Tõnsuaadu, Kaia** Minerals engineering 2021 / art. 107127, 10 p. : ill https://doi.org/10.1016/j.mineng.2021.107127 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Evaluation of high performance aluminum for microwave filters
Martin-Iglesias, P.; **Raadik, Taavi**; Teberio, F.; Percaz, J.M.; Martin-Iglesias, S.; Pambaguian, L.; Arregui, I.; Laso, M.A.G. 2019 IEEE MTT-S International Microwave Symposium (IMS), Boston, Massachusetts, 2-7 June 2019 : proceedings 2019 / p. 1183-1186

https://doi.org/10.1109/MWSYM.2019.8700938 Conference proceeding at Scopus Article at Scopus Article at WOS

Evaluation of level-crossing ADCs for event-driven ECG classification
Saeed, Maryam; Wang, Qingyuan; **Märtens, Olev** IEEE Transactions on Biomedical Circuits and Systems 2021 / p. 1129-1139 https://doi.org/10.1109/TBCAS.2021.3136206 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Evaluation of renovation strategies : cost-optimal, CO2e optimal, or total energy optimal
Kertsmik, Kadri-Ann; **Kuusk, Kalle**; **Lylykangas, Kimmo Sakari**; **Kalamees, Targo** Energy and buildings 2023 / art. 112995 https://doi.org/10.1016/j.enbuild.2023.112995 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Evaluation of residual stresses in PVD coatings by means of the curvature method of plate
Lille, Harri; Ryabchikov, Alexander; **Adoberg, Eron**; **Kurissoo, Liisa**; **Peetsalu, Priidu**; **Lind, Liina** Engineering materials and tribology XXV 2017 / p. 404-408 https://doi.org/10.4028/www.scientific.net/KEM.721.404 Conference proceedings at Scopus Article at Scopus

Evaluation of semantic parsing frameworks for automated knowledge base construction
Verrev, Martin Intelligent systems design and applications 22nd International Conference on Intelligent Systems Design and Applications (ISDA 2022) held December 12-14, 2022 - Volume 1 2023 / p. 554-563 https://doi.org/10.1007/978-3-031-27440-4_53 https://link.springer.com/book/10.1007/978-3-031-27440-4 Conference Proceedings at Scopus Article at Scopus

Evaluation of zero-strength layer depths for timber members of floor assemblies with heat resistant cavity insulations
Tiso, Mattia; **Just, Alar**; Schmid, Joachim; **Mäger, Katrin Nele**; Klippel, Michael Fire safety journal 2019 / p. 137-148 : ill https://doi.org/10.1016/j.firesaf.2019.01.001 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Evaluation of the nemo-nordic model by comparing the seaice concentration values in the Baltic Sea
Rjazin, Jevgeni; Hordoir, Robinson; Pärn, Ove The Journal of Ocean Technology 2019 / p. 181 - 194 https://www.researchgate.net/publication/334431905_EVALUATION_OF_THE_NEMO-NORDIC_MODEL_BY_COMPARING_THE_SEA-_ICE_CONCENTRATION_VALUES_IN_THE_BALTIC_SEA Journal metrics at Scopus Article at Scopus

Evaluation of two-electrode system configurations for forearm arteries bioimpedance measurement
Metshein, Margus; **Pesti, Ksenija**; Lapsa, Didzis; **Annus, Paul**; Janeliukstis, Rims; Elsts, A.; **Märtens, Olev** 2024 IEEE International Instrumentation and Measurement Technology Conference (I2MTC) : proceedings 2024 / 6 p https://doi.org/10.1109/I2MTC60896.2024.10561178 Conference proceedings at Scopus Article at Scopus Article at WOS

Event detection based on open information extraction and ontology
Sahnoun, Sihem; Elloumi, Samir; **Ben Yahia, Sadok** Journal of Information and Telecommunication 2020 / p. 383-403 https://doi.org/10.1080/24751839.2020.1763007 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Event-based control for differentially flat systems: application to autonomous underwater vehicle
Kaldmäe, Arvo; **Kotta, Ülle**; **Meurer, Christian**; **Simha, Ashutosh** IFAC-PapersOnLine 2019 / p. 180-185 https://doi.org/10.1016/j.ifacol.2019.11.775 Conference proceedings at Scopus Article at Scopus Article at WOS

Event-driven ECG classification using an open-source, LC-ADC based non-uniformly sampled dataset
Saeed, Maryam; Wang, Qingyuan; **Märtens, Olev**; Larras, Benoit; Frappe, Antoine; Cardiff, Barry; John, Deepu 2021 IEEE International Symposium on Circuits and Systems (ISCAS), Daegu, Korea May 22-28, 2021 : proceedings 2021 / 5 p https://doi.org/10.1109/ISCAS51556.2021.9401333 Conference Proceedings at Scopus Article at Scopus Article at WOS

Event-triggered resilient distributed extended Kalman filter with consensus on estimation
Rezaei, Hossein; **Ghorbani, Majid** International Journal of Robust and Nonlinear Control 2022 / p. 1303 - 1315 https://doi.org/10.1002/rnc.5881 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Evolution of microstructure and hardness in aluminum processed by high pressure torsion extrusion
Omranpour Shahreza, Babak; Ivanisenko, Yulia; Kulagin, Roman; **Kommel, Lembit**; Sanchez, E. Garcia; Nugmanov, Dayan; Scherer, Torsten; Heczel, Anita; Gubicza, Jeno Materials Science and Engineering : A 2019 / art. 138074, 10 p. : ill https://doi.org/10.1016/j.msea.2019.138074 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Evolution of TiN coating surface roughness during physical vapor deposition on high speed steel substrate
Kupchenko, Leonid; **Tali, Rauno**; **Adoberg, Eron**; **Mikli, Valdek**; **Podgurski, Vitali** Engineering materials & tribology XXII 2014 / p. 67-70 https://doi.org/10.4028/www.scientific.net/KEM.604.67 Conference proceedings at Scopus Article at Scopus

An evolutionary field theorem : evolutionary field optimization in training of power-weighted multiplicative neurons for nitrogen oxides-sensitive electronic nose applications
Alagoz, Baris Baykant; Simsek, Ozlem Imik; Ari, Davut; **Tepljakov, Aleksei**; **Petlenkov, Eduard**; **Alimohammadi, Hossein** Sensors 2022 / art. 3836 https://doi.org/10.3390/s22103836 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An exact solution of truss vibration problems
Lahe, Andres; **Braunbrück, Andres**; **Klauson, Aleksander** Proceedings of the Estonian Academy of Sciences 2019 / p. 244–263 : ill https://doi.org/10.3176/proc.2019.3.04 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Exhaust air heat pump connection schemes and balanced heat recovery ventilation effect on district heat energy use and return temperature
Thalfeldt, Martin; **Kurnitski, Jarek**; **Latõšov, Eduard** Applied thermal engineering 2018 / p. 402-414 : ill https://doi.org/10.1016/j.applthermaleng.2017.09.033 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An exhaustive multi-aspect analysis of swarm intelligence algorithms in numerical association rule mining
Kaushik, Minakshi; **Sharma, Rahul**; **Koiva, Pilleriin**; Fister, Iztok; **Draheim, Dirk** IEEE Access 2024 / p. 138985 - 139002 https://doi.org/10.1109/ACCESS.2024.3417334 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Expect : eXplainable prediction model for energy consumpTion
Mouakher, Amira; **Inoubli, Wissem**; **Ounoughi, Chahinez**; Ko, Andrea Mathematics 2022 / art. 248 https://doi.org/10.3390/math10020248 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Experience in an application of project-based learning to teaching of mechanical engineering and energy technology processes control
Hõbesaar, Aleksei; **Baraškova, Tatjana**; **Shirokova, Veroonika** Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 1 2021 / p. 417-428 https://doi.org/10.1007/978-3-030-68198-2_39 Conference Proceedings at Scopus Article at Scopus Article at WOS

Experiences from maritime logistics distance learning course
Hilmola, Olli-Pekka Kristian; **Palu, Riina**; **Tolli, Andres** Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 1 2021 / p. 577-585 https://doi.org/10.1007/978-3-030-68198-2_53 Conference Proceedings at Scopus Article at Scopus Article at WOS

Experimental analysis of cross-laminated timber rib panels at normal temperature and in fire
Kleinhenz, Miriam; **Just, Alar**; Frangi, Andrea Engineering structures 2021 / art. 113091, 14 p. : ill https://doi.org/10.1016/j.engstruct.2021.113091 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Experimental analysis of emission efficiency of parallel and serial connected radiators in EN442 test chamber
Võsa, Karl-Villem; **Ferrantelli, Andrea**; **Kull, Tuule Mall**; **Kurnitski, Jarek** Applied thermal engineering 2018 / p. 531−544 : ill https://doi.org/10.1016/j.applthermaleng.2017.12.109 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Experimental analysis of end mill axis inclination and its influence on 3D areal surface texture parameters
Logins, Andris; Rosado Castellano, Pedro; Torims, Toms; Gutierrez, Santiago C.; **Sergejev, Fjodor** Proceedings of the Estonian Academy of Sciences 2017 / p. 194-201 : ill https://doi.org/10.3176/proc.2017.2.09 http://www.ester.ee/record=b2355998*est https://artiklid.elnet.ee/record=b2820942*est Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Experimental analysis of engine performance and exhaust pollutant on a single-cylinder diesel engine operated using moringa oleifera biodiesel
Soudagar, Manzoore Elahi M.; Khan, Haris Mahmood; Khan, M. Yunus; Razzaq, Luqman; Asif, Tahir; Mujtaba, M. A.; **Hussain, Abrar** Applied sciences 2021 / p. 7071−7089 https://doi.org/10.3390/app11157071 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Experimental and numerical analysis of HPTE on mechanical properties of materials and strain distribution
Omranpour Shahreza, Babak; Kulagin, Roman; Ivanisenko, Yulia; Sanchez, E. Garcia 7th International Conference on Nanomaterials by Severe Plastic Deformation 2–7 July 2017, Sydney, Australia 2017 / art. 012047, 6 p.: ill https://doi.org/10.1088/1757-899X/194/1/012047 Conference proceedings at Scopus Article at Scopus Article at WOS

The experimental and theoretical investigations of damage development and distribution in double-forged tungsten under plasma irradiation-initiated extreme heat loads
Väli, Berit; Laas, Tõnu; Paju, Jana; **Antonov, Maksim** Nukleonika 2016 / p. 169-177 : ill https://doi.org/10.1515/nuka-2016-0029 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An experimental comparison of heuristic coloring algorithms in terms of found color classes on random graphs
Kumlander, Deniss; Kulitškov, Aleksei WCGO 2019: Optimization of Complex Systems: Theory, Models, Algorithms and Applications 2020 / p. 365-375 https://doi.org/10.1007/978-3-030-21803-4_37 Conference proceedings at Scopus Article at Scopus

Experimental comparison of two-level full-SiC and three-level Si–SiC quasi-Z-source inverters for PV applications
Stepenko, Serhii; **Husev, Oleksandr**; **Vinnikov, Dmitri**; Roncero-Clemente, Carlos; **Pires Pimentel, Sergio**; **Santasheva, Elena** Energies 2019 / 2509 ; 17 p. : ill https://doi.org/10.3390/en12132509 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Experimental concept study of a small engine silencer unit based on microperforated elements
Villau, Margus; **Rämmal, Hans**; **Lavrentjev, Jüri** Proceedings of the Estonian Academy of Sciences 2024 / p. 159-167 : ill., fot
https://doi.org/10.3176/proc.2024.2.09 https://www.ester.ee/record=b2355998*est Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Experimental determination of radiator, underfloor and air heating emission losses due to stratification and operative temperature variations
Maivel, Mikk; **Ferrantelli, Andrea**; **Kurnitski, Jarek** Energy and buildings 2018 / p. 220-228 : ill
https://doi.org/10.1016/j.enbuild.2018.01.061 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Experimental evaluation and numerical modelling of the quality of photovoltaic modules
Tšukrejev, Pavel; **Karjust, Kristo**; **Majak, Jüri** Proceedings of the Estonian Academy of Sciences 2021 / p. 477-483 : ill
https://doi.org/10.3176/proc.2021.4.15 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS