

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](#)

Data acquisition workflow utilizing lod3 geometry templates and point clouds for urban building energy modelling

Ilste, 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](#)

The Activities of IGIP

Polyakova, Tatiana; Prikhodko, Viacheslav; Rüttemann, 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](#)

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](#)

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](#)

Author correction: A global database for metacommunity ecology, integrating species, traits, environment and space (Scientific Data, (2020), 7, 1, (6), 10.1038/s41597-019-0344-7)

Jeliazkov, Alienor; Mijatovic, Darko; Chantepie, Stéphane; Andrew, Nigel; Arlettaz, Raphaël; Barbaro, Luc; Barsoum, Nadia; Bartonova, Alena; Reitalu, Triin Scientific Data 2020 / Art. 79 <https://doi.org/10.1038/s41597-020-0420-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Autonomous driving in the real-world : the weather challenge in the Sohjoa Baltic Project

Bellone, Mauro; Ismailogullari, Azat; Mür, 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](#)

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](#)

Beyond high-tech versus low-tech : a tentative framework for sustainable urban data governance

Kostakis, Vasileios; Pazaitis, Alexandros; Liarokapis, Minas Big data and society 2023 / 6 p. : ill
<https://doi.org/10.1177/20539517231180583> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bialgebraic foundations for the operational semantics of string diagrams

Bonchi, Filippo; Piedeleu, Robin; Sobocinski, Pawel Maria; Zanasi, Fabio Information and computation 2021 / art. 104767, 22 p
<https://doi.org/10.1016/j.ic.2021.104767> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Breaking the chains of open innovation : post-blockchain and the case of Sensorica

Pazaitis, Alexandros Information 2020 / art. 104, 18 p. <https://doi.org/10.3390/info11020104> [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; Tepļakov, Aleksej; 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](#)

Building global societies on collective intelligence : challenges and opportunities

Suran, Shweta; Pattanaik, Vishwajeet; Kurvers, Ralf; Hallin, Carina Antonia; De Liddo, Anna; Krimmer, Robert Johannes; Draheim, Dirk Digital government : research and practice 2022 / art. 31, p. 1-6 <https://doi.org/10.1145/3568169> [Journal metrics at Scopus](#) [Article at Scopus](#)

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](#)

A chameleon algorithm for solving economic dispatch problem in microgrid system

Zahraoui, Younes; Alhamrouni, Ibrahim; Mekhilef, Saad; **Korōtko, 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](#)

A comparative study of approaches of ontology driven software development

Haav, Hele-Mai Informatica 2018 / p. 439–466 : ill <https://doi.org/10.15388/Informatica.2018.175> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Complete genome sequencing of the luminescent bacterium, vibrio qinghaiensis sp. Q67 using PacBio technology

Gong, Liang; Wu, Yu; Jian, Qijie; Yin, Chunxiao; **Gupta, Vijai Kumar**; Duan, Xuewu; Jiang, Yueming Scientific Data 2018 / art. 170205 <https://doi.org/10.1038/sdata.2017.205> [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](#)

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; Päränd, 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](#)

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**; **Kormiltsōn, 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](#)

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-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](#)

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](#)

The cyber-insurance market in Norway

Bahsi, Hayrettdin; Franke, Ulrik; Langfeldt Friberg, Even Information and computer security 2020 / p. 54–67
<https://doi.org/10.1108/ICS-01-2019-0012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Data fusion for ITS : a systematic literature review

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

Decision making and strategic planning for disaster preparedness with a multi-criteria-analysis decision support system

Schlobinski, Sascha; Zuccaro, Giulio; Scholl, Martin; Meiers, Daniel; Denzer, Ralf; Guarino, Sergio; Engelbach, Wolf; **Taveter, Kuldar**; Frysinger, Steven Environmental Software Systems : Infrastructures, Services and Applications : 11th IFIPWG 5.11 International Symposium, ISESS 2015, Melbourne, VIC, Australia, March 25-27, 2015 : proceedings 2015 / p. 178-186 : ill

https://doi.org/10.1007/978-3-319-15994-2_17 Conference proceedings at Scopus Article at Scopus

Design concept and microarchitecture of network-on-chip with best-effort and guaranteed-throughput services

Samman, Faizal; **Hollstein, Thomas** International journal of innovative computing, information and control 2019 / p. 305–319 : ill
<https://doi.org/10.24507/ijicic.15.01.305> <http://www.ijicic.net/> <http://www.ijicic.net/servlet/Download?contentID=CONT5b67c7cbc23142feade914ceeabdbf4d> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Design of fuzzy rule-based classifiers through granulation and consolidation

Riid, Andri; Preden, Jürjo-Sören Journal of artificial intelligence and soft computing research 2017 / p. 137-147 : ill
<https://doi.org/10.1515/jaiscr-2017-0010> Journal metrics at Scopus Article at Scopus

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

A digital collaborative platform for the silver economy : functionalities required by stakeholders in a multinational Baltic Sea Region project

Butt, Sidra Azmat; Suran, Shweta; Pappel, Ingrid; Smaerup, Michael; Krimmer, Robert Johannes; **Draheim, Dirk** Digital government : research and practice 2023 / art. 8, 20 p. : ill <https://doi.org/10.1145/3592618> Journal metrics at Scopus Article at Scopus

Digital forensic analysis of mobile automotive maintenance applications

Sumaila, Faisal; Bahsi, Hayretudin Forensic Science International : Digital Investigation 2022 / art. 301440
<https://doi.org/10.1016/j.fsidi.2022.301440> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Digital transformation in business and management research : an overview of the current status quo

Kraus, Sascha; **Durst, Susanne;** Ferreira, João J.; Veiga, Pedro; Kailer, Norbert; Weinmann, Alexandra International Journal of Information Management 2022 / Art. nr. 102466 <https://doi.org/10.1016/j.ijinfomgt.2021.102466> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Baptista, João; **Stein, Mari-Klara;** Klein, Stefan; Watson-Manheim, Mary Beth; Lee, Jungwoo Journal of Strategic Information Systems 2020 / Art. 101618 <https://doi.org/10.1016/j.jsis.2020.101618> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Distributed largest eigenvalue-based spectrum sensing using diffusion LMS

Ainomäe, Ahti; Bengtsson, Mats; **Trump, Tõnu** IEEE transactions on signal and information processing over networks 2018 / p. 362-377 : ill <https://doi.org/10.1109/TSPN.2017.2705483> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Does knowledge retrieval improves work efficiency? An investigation under multiple systems use

Sutanto, Juliana; Liu, Yi; Grigore, Mihai; **Lemmik, Rivo** International Journal of Information Management 2018 / p. 42 - 53
<https://doi.org/10.1016/j.ijinfomgt.2018.01.009> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

EcoLight+ : a novel multi-modal data fusion for enhanced eco-friendly traffic signal control driven by urban traffic noise prediction

Ounoughi, Chahinez; Ounoughi, Doua; **Ben Yahia, Sadok** Knowledge and information systems 2023 / p. 5309–5329
<https://doi.org/10.1007/s10115-023-01938-y> 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, Viuu; 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

An empirical modeling for the baseline energy consumption of an NB-IoT radio transceiver

Khan, Sikandar Muhammad Zulqarnain; Alam, Muhammad Mahtab; Le Moullec, Yannick; Kuusik, Alar; Päränd, Sven; Verikoukis, Christos IEEE Internet of Things Journal 2021 / p. 14756-14772 : ill <https://doi.org/10.1109/JIOT.2021.3072769> 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](#)

Enhancing urban vitality: integrating traditional metrics with big data and socio-economic insights

Osunkoya, Kofoworola Modupe; Partanen, Jenni Journal of Spatial Information Science 2024 / p. 43-68

<https://doi.org/10.5311/JOSIS.2024.29.357> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ensemble approach for detection of depression using EEG features

Avots, Egils; Jermakovs, Kļavs; Bachmann, Maie; Päske, 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](#)

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

Taipalus, Toni; Grahn, Hilikka; Ghanbari, Hadi Journal of systems and software 2021 / art. 111034, 15 p.: ill

<https://doi.org/10.1016/j.jss.2021.111034> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

EUKARYOME: the rRNA gene reference database for identification of all eukaryotes

Tedersoo, Leho; Hosseini-Moghaddam, Mahdih S.; Mikryukov, Vladimir; Hakimzadeh, Ali; Bahram, Mohammad; Nilsson, Rolf Henrik; Yatsiuk, Iryna; Geisen, Stefan; Schwelm, Arne; Piwosz, Kasia; Prous, Marko; Sildvee, Sirje; Laas, Peeter Database 2024 / art. baee043 <https://doi.org/10.1093/database/baee043> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [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](#)

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

Evaluation of VoIP QoS performance in wireless mesh networks

Meeran, Mohammad Tariq; Annus, Paul; Alam, Muhammad Mahtab; Le Moullec, Yannick Information 2017 / art. 88, p. 1-26 : ill

<https://doi.org/10.3390/info8030088> [Journal metrics 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](#)

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

Evolving process views

Eshuis, Rik; Norta, Alexander; Roulaux, Raoul Information and software technology 2016 / p. 20-35 : ill

<https://doi.org/10.1016/j.infsof.2016.08.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Explainability and transparency of classifiers for air-handling unit faults using explainable artificial intelligence (XAI)

Meas, Molika; Machlev, Ram; Köse, Ahmet; Tepljakov, Aleksei; Loo, Lauri; Levron, Yoash; Petlenkov, Eduard; Belikov, Juri Sensors 2022 / art. 6338 : ill <https://doi.org/10.3390/s22176338> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Exploring digital sustainability of/through Estonia's e-residency: Africa's case and the importance of culture for sustainability

Abaku, Tamunonengiyeofori; Calzati, Stefano; Masso, Anu Digital Policy, Regulation and Governance 2021 / p. 300-313

<https://doi.org/10.1108/DPRG-10-2020-0153> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Exploring the limits of early predictive maintenance in wind turbines applying an anomaly detection technique

Jankauskas, Mindaugas; Serackis, Artūras; Šapurov, Martynas; Pomarnacki, Raimondas; Baskys, Algirdas; Hyunh, Van Khang; Vaimann, Toomas; Zakis, Janis Sensors 2023 / art. 5695 <https://doi.org/10.3390/s23125695> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Extending the “Smart City” concept to small-to-medium sized Estonian municipalities: initiatives and challenges faced

Fröhlich, K. A.; Soe, Ralf-Martin; Maoneke, P.B.; Jain, K.; Pinomaa, A.; Nieminen, M. Information Systems : 19th European, Mediterranean, and Middle Eastern Conference, EMCIS 2022, Virtual Event, December 21–22, 2022 : proceedings 2023 / p. 264–276 https://doi.org/10.1007/978-3-031-30694-5_20 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Fabrication, potentiometric characterization, and application of screen-printed RuO₂ pH electrodes for water quality testing

Uppuluri, Kiranmai; Lazouskaya, Maryna; Szwagierczak, Dorota; Zaraska, Krzysztof; Tamm, Martti Sensors 2021 / art. 5399, 15 p. : ill <https://doi.org/10.3390/s21165399> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Fault collapsing in digital circuits using fast fault dominance and equivalence analysis with SSBDDs

Ubar, Raimund-Johannes; Jürimägi, Lembit; Orasson, Elmet; Raik, Jaan VLSI-SoC : Design for Reliability, Security, and Low

Power : 23rd IFIP WG 10.5/IEEE International Conference on Very Large Scale Integration, VLSI-SoC 2015 Daejeon, Korea, October 5-7, 2015 : revised selected papers 2016 / p. 23-45 : ill https://doi.org/10.1007/978-3-319-46097-0_2 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

FedBranched : leveraging federated learning for anomaly-aware load forecasting in energy networks

Manzoor, Habib Ullah; Khan, Ahsan Raza; Flynn, David; **Alam, Muhammad Mahtab**; Akram, Muhammad; Imran, Muhammad Ali; Zoha, Ahmed Sensors 2023 / art. 3570 <https://doi.org/10.3390/s23073570> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

FESDA : fog-enabled secure data aggregation in smart grid IoT network

Saleem, Ahsan; Khan, Abid; Malik, Saif Ur Rehman; Pervaiz, Haris; **Malik, Hassan**; Alam, Masoom; Jindal, Anish IEEE Internet of Things Journal 2020 / p. 6132-6142 <https://doi.org/10.1109/JIOT.2019.2957314> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

First principles simulations of phenol and methanol detector based on pristine graphene nanosheet and armchair graphene nanoribbons

Rashid, Muhammad Haroon; Koel, Ants; Rang, Toomas Sensors 2019 / art. 2731, 14 p. : ill <https://doi.org/10.3390/s19122731> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

FLHex: a flapped-paddle hexapod for all-terrain amphibious locomotion

Burzynski, Piotr; **Simha, Ashutosh**; Kotta, Ülle; Pawluszewicz, Ewa; Sastry, Shivakumar Bulletin of the Polish Academy of Sciences Technical Sciences 2021 / art. e139007, 9 p. : ill <https://doi.org/10.24425/bpasts.2021.139007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Forecasting of absolute dynamic topography using deep learning algorithm with application to the Baltic Sea

Rajabi-Kiasari, Saeed; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu Computers & geosciences 2023 / art. 105406, 16 p. : ill <https://doi.org/10.1016/j.cageo.2023.105406> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Forward and backward walking : multifactorial characterization of gait parameters

Donno, Lucia; **Monoli, Cecilia**; Frigo, Carlo Albino; Galli, Manuela Sensors 2023 / art. 4671 <https://doi.org/10.3390/s23104671> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fractional Fourier transform-based signal separation for ultrasonic guided wave inspection of plates

Peng, Chengxiang; Annus, Paul; Rist, Marek; Land, Raul; Ratassep, Madis Sensors 2024 / art. 7564 <https://doi.org/10.3390/s24237564> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Frictional wear and corrosion behavior of AlCoCrFeNi high-entropy alloy coatings synthesized by atmospheric plasma spraying

Mu, Yongkun; Zhang, Liangbo; Xu, Long; **Prashanth, Konda Gokuldoss**; Zhang, Nizhen; Ma, Xindi; Jia, Yuefei; Xu, Yulai; Jia, Yandong; Wang, Gang Entropy 2020 / art. 740 <https://doi.org/10.3390/e22070740> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

From customer-, to actor-, to stakeholder engagement: taking stock, conceptualization, and future directions

Hollebeek, Linda Desiree; Kumar, Virender; Srivastava, Rajendra K. Journal of Service Research 2022 / p. 328-343 <https://doi.org/10.1177/1094670520977680> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Game on! How gamified loyalty programs boost customer engagement value

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

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

Sakil, Fatima Feyza; Erol, Serdar; **Ellmann, Artu**; Erol, Bihter Computers & geosciences 2021 / art. 104909 <https://doi.org/10.1016/j.cageo.2021.104909> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ghost protocol – Snapchat as a method of surveillance

Matthews, Richard; **Lovell, Kieren Nicolas**; Sorell, Matthew Forensic Science International : Digital Investigation 2021 / art. 301112 <https://doi.org/10.1016/j.fsidi.2021.301112> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

Guest editorial : implementation issues in system-on-chip

Ellervee, Peeter; Nurmi, Jari Journal of signal processing systems 2017 / p. 269-270 <https://doi.org/10.1007/s11265-017-1242-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Guest editorial: KM in a changing world: time for a new research agenda

Durst, Susanne; Temel, Serdal VINE Journal of Information and Knowledge Management Systems 2022 / p. 333 - 334 <https://doi.org/10.1108/VJKMS-07-2022-317> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Harnessing cloud scalability to hadoop clusters

Koschel, Arne; Heine, Felix; **Astrova, Irina** Information Systems 15th European, Mediterranean, and Middle Eastern Conference, EMCIS 2018 : Limassol, Cyprus, October 4–5, 2018 : proceedings 2019 / p. 59-71 https://doi.org/10.1007/978-3-030-11395-7_6 [Conference proceeding at Scopus](#) [Article at Scopus](#)

Harnessing graph neural networks to predict international trade flows

Sellami, Bassem; Ounoughi, Chahinez; Kalvet, Tarmo; Tiits, Marek; Rincon-Yanez, Diego Big Data and Cognitive Computing 2024 / art. 65 <https://doi.org/10.3390/bdcc8060065> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Heuristic radio access network subslicing with user clustering and bandwidth subpartitioning

Kulmar, Marika; Mürsepp, Ivo; Alam, Muhammad Mahtab Sensors 2023 / art. 4613 : ill <https://doi.org/10.3390/s23104613> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

High-level axioms for graphical linear algebra

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

High-performance information processing in distributed computing systems

Sklyarov, Valery; **Rjabov, Artjom**; Skliarova, Iuliia; **Sudnitsõn, Aleksander** International journal of innovative computing, information and control 2016 / p. 139-160 : ill https://www.researchgate.net/publication/297047447_High-performance_information_processing_in_distributed_computing_systems [Journal metrics at Scopus](#) [Article at Scopus](#)

How does context influence music preferences : a user-based study of the effects of contextual information on users' preferred music

Ben Sassi, Imen; Ben Yahia, Sadok Multimedia Systems 2021 / p. 143–160 <https://doi.org/10.1007/s00530-020-00717-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hygrothermal criteria for design of cross-laminated timber external walls

Kukk, Villu; Kers, Jaan; Kalamees, Targo; Wang, Lin; Ge, Hua Proceedings of the 5th international conference on building energy and environment 2023 / p. 811-815 https://doi.org/10.1007/978-981-19-9822-5_87 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Impact of component losses on the efficiency of a new quasi-Z-source based dual active bridge

Beldjajev, Viktor; Roasto, Indrek; Zakis, Janis Technological innovation for the Internet of things : 4th IFIP WG 5.5/SOCOLNET Doctoral Conference on Computing, Electrical and Industrial Systems : DoCEIS 2013 : Costa de Caparica, Portugal, April 15-17, 2013 : proceedings 2013 / p. 485-492 : ill https://doi.org/10.1007/978-3-642-37291-9_52 [Article collection metrics at Scopus](#) [Article at Scopus](#)

Implementation and evaluation of the DAOM framework and tool support for designing blockchain decentralized applications

Udokwu, Chibuzor; Brandtner, Patrick; **Norta, Alexander; Kormiltsõn, Aleksandr**; Matulevičius, Raimundas International journal of law and information technology 2021 / p. 2245–2263 : ill <https://doi.org/10.1007/s41870-021-00816-6> [Journal metrics at Scopus](#) [Article at Scopus](#)

Implementation of a web-based remote control system for qZS DAB application using low-cost ARM platform

Korzeniewski, Marek; Kulikowski, Krzysztof; **Zakis, Janis**; Jasiński, Marek Tomasz; Malinowski, Aleksander Bulletin of the Polish Academy of Sciences: Technical Sciences 2016 / p. 887-896 <https://doi.org/10.1515/bpasts-2016-0097> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Improving healthcare processes with smart contracts

Kormiltsõn, Aleksandr; Udokwu, Chibuzor; Karu, Kalev; **Thangalimodzi, Kondwani; Norte, Alexander** Business Information Systems : 22nd International Conference, BIS 2019, Seville, Spain, June 26–28, 2019 : proceedings. Part I 2019 / p. 500-513

https://doi.org/10.1007/978-3-030-20485-3_39 Conference proceeding at Scopus Article at Scopus Article at WOS

Improving IoT security with explainable AI : quantitative evaluation of explainability for IoT botnet detection

Kalakoti, Rajesh; Bahsi, Hayretudin; Nömm, Sven IEEE Internet of Things Journal 2024 / p. 18237 - 18254

<https://doi.org/10.1109/IJOT.2024.3360626> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Initial tests and accuracy assessment of a compact mobile laser scanning system [Online resource]

Julge, Kalev; Ellmann, Artu; Vajakas, Toivo; Kolka, Riivo The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences : XXIII ISPRS Congress, 12-19 July 2016, Prague, Czech Republic. Volume XLI-B1 2016 / p. 633-638 : ill

<https://doi.org/10.5194/isprs-archives-XLI-B1-633-2016> Conference Proceedings at Scopus Article at Scopus Article at WOS

Instantaneous, short-term and predictive long-term power balancing techniques in intelligent distribution grids

Suzdalenko, Alexander; Galkin, Ilya Technological Innovation for the Internet of Things : 4th IFIP WG 5.5/SOCOLNET Doctoral Conference on Computing, Electrical and Industrial Systems, DoCEIS 2013, Costa de Caparica, Portugal, April 15-17, 2013, Proceedings 2013 / p. 343-350 https://doi.org/10.1007/978-3-642-37291-9_37 Article collection metrics at Scopus Article at Scopus

Integration of blockchain technology into a land registration system for immutable traceability : a casestudy of Georgia

Lazuashvili, Nino; Norta, Alexander; Draheim, Dirk Business Process Management : Blockchain and Central and Eastern Europe Forum :BPM 2019 Blockchain and CEE Forum : Vienna, Austria, September 1–6, 2019 : proceedings 2019 / p. 219-233

https://doi.org/10.1007/978-3-030-30429-4_15 Article collection metrics at Scopus Article at Scopus Article at WOS

Intelligent control and digital twins for industry 4.0

Tepljakov, Aleksei Sensors 2023 / art. 4036 <https://doi.org/10.3390/s23084036> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Joint planning of EV fast charging stations and power distribution systems with balanced traffic flow assignment

Yang, Wentao; Liu, Weijia; Chung, Chi Yung; **Wen, Fushuan** IEEE transactions on industrial informatics 2021 / p. 1795–1809 : ill

<https://doi.org/10.1109/TII.2020.2995742> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Knowledge risk prevention strategies for handling new technological innovations in small businesses

Temel, Serdal; **Durst, Susanne** Vine journal of information and knowledge management systems 2020 / p. 655-673 : ill

<https://doi.org/10.1108/VJKMS-10-2019-0155> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Lidar-camera semi-supervised learning for semantic segmentation

Caltagirone, Luka; **Bellone, Mauro;** Svensson, Lennart; Wahde, Mattias; **Sell, Raivo** Sensors 2021 / art. 4813

<https://doi.org/10.3390/s21144813> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A lightweight anonymous authentication scheme for secure cloud computing services

Hammami, Hamza; **Ben Yahia, Sadok;** Obaidat, Mohammad S. The Journal of Supercomputing 2021 / p. 1693-1713

<https://doi.org/10.1007/s11227-020-03313-y> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A machine learning approach to achieving energy efficiency in relay-assisted LTE-a downlink system

Hassan, Hammad; Ahmed, Ifran; Ahmad, Rizwan; Khammari, Hedi; Bhatti, Ghulam; Ahmed, Waqas; **Alam, Muhammad Mahtab** Sensors 2019 / art. 3461, 25 p. : ill <https://doi.org/10.3390/s19163461> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A machine learning-based forensic tool for image classification - a design science approach

Del Mar-Raave, Joanna Rose; Bahsi, Hayretudin; Masic, Leo; Hausknecht, Kresimir Forensic Science International : Digital Investigation 2021 / art. 301265, 13 p <https://doi.org/10.1016/j.fsidi.2021.301265> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Machine learning-based prediction of specific energy consumption for cut-off grinding

Awan, Muhammad Rizwan; Rojas, Hernan A. Gonzalez; **Hameed, Saqib;** Riaz, Fahid; Hamid, Shahzaib; **Hussain, Abrar** Sensors 2022 / art. 7152 <https://doi.org/10.3390/s22197152> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Malicious accounts detection from online social networks : a systematic review of literature

Ben Sassi, Imen; Ben Yahia, Sadok International Journal of General Systems 2021 / p. 741–814

<https://doi.org/10.1080/03081079.2021.1976773> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Management of national eID infrastructure as a state-critical asset and public-private partnership : learning from the case of Estonia

Lips, Silvia; Tsap, Valentyna; Bharosa, Nitesh; Krimmer, Robert Johannes; **Tammet, Tanel; Draheim, Dirk** Information Systems Frontiers 2023 / p.2439-2456 <https://doi.org/10.1007/s10796-022-10363-5> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Mapping recurrent flooding zone along Estonian inland waters from Sentinel-1 and-2

Sipelgas, Liis; Aavaste, Age; Uiboupin, Rivo International archives of the photogrammetry, remote sensing and spatial information sciences 2020 / p. 627-632 <https://doi.org/10.5194/isprs-archives-XLIII-B3-2020-627-2020> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Measuring explainability and trustworthiness of power quality disturbances classifiers using XAI - explainable artificial intelligence

Machlev, Ram; Perl, Michael; **Belikov, Juri**; Levy, Kfir; Levron, Yoash IEEE transactions on industrial informatics 2022 / p. 5127-5137 <https://doi.org/10.1109/TII.2021.3126111> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Method for evaluating information security level in organisations

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

Methods and tools for healthcare data anonymization : a literature review

Vovk, Olga; Piho, Gunnar; Ross, Peeter International Journal of General Systems 2023 / p. 326-342 : ill <https://doi.org/10.1080/03081079.2023.2173749> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Methods for detection of bioimpedance variations in resource constrained environments

Priidel, Eiko; Annus, Paul; Krivošei, Andrei; Rist, Marek; Land, Raul; Min, Mart; Märtens, Olev Sensors 2020 / art. 1363, 16 p. : ill <https://doi.org/10.3390/s20051363> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A 3D mixed reality visualization of network topology and activity results in better dyadic cyber team communication and cyber situational awareness

Ask, Torvald F.; **Kullman, Kaur; Sütterlin, Stefan**; Knox, Benjamin James; Engel, Don; **Lugo, Ricardo Gregorio** Frontiers in Big Data 2023 / art. 1042783, 21 p. : ill <https://doi.org/10.3389/fdata.2023.1042783> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Multichannel electrical impedance spectroscopy analyzer with microfluidic sensors

Ojarand, Jaan; Min, Mart; Koel, Ants Sensors 2019 / art. 1891, 28 p. : ill <https://doi.org/10.3390/s19081891> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Narrowband internet of things (NB-IoT) : from physical (PHY) and media access control (MAC) layers perspectives

Mwakwata, Collins Burton; Malik, Hassan; Alam, Muhammad Mahtab; Le Moullec, Yannick; Päränd, Sven; Mumtaz, Shahid Sensors 2019 / art. 2613, 34 p. : ill <https://doi.org/10.3390/s19112613> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An NB-IoT based edge-of-things framework for energy-efficient image transfer

Khan, Sikandar Muhammad Zulqarnain; Le Moullec, Yannick; Alam, Muhammad Mahtab Sensors 2021 / art. 5929, 21 p. : ill <https://doi.org/10.3390/s21175929> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Network-on-Chip with equality-of-service : a local fair runtime arbitration method for global fair bandwidth share

Samman, Faizal; **Hollstein, Thomas** International journal of innovative computing, information and control 2019 / p. 1821-1834 <http://www.ijicic.net/servlet/Download?contentID=CONT34590d01977b424ea4f1cdfbb4c8c264> <https://doi.org/10.24507/ijicic.15.05.1821> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Three-level neutral-point-clamped quasi-Z-source inverter with maximum power point tracking for photovoltaic systems

Roncero-Clemente, Carlos; Stepenko, Serhii; **Husev, Oleksandr**; Minambres-Marcos, Victor; Romero-Cadaval, Enrique; **Vinnikov, Dmitri** Technological innovation for the Internet of things : 4th IFIP WG 5.5/SOCOLNET Doctoral Conference on Computing, Electrical and Industrial Systems : DoCEIS 2013 : Costa de Caparica, Portugal, April 15-17, 2013 : proceedings 2013 / p. 334-342 https://doi.org/10.1007/978-3-642-37291-9_36 https://link.springer.com/chapter/10.1007/978-3-642-37291-9_36 [Article collection metrics at Scopus](#) [Article at Scopus](#)

New shoot-through control methods for qZSI-based DC/DC converters

Roasto, Indrek; Vinnikov, Dmitri; Zakis, Janis; Husev, Oleksandr IEEE transactions on industrial informatics 2013 / p. 640-647 : ill <https://doi.org/10.1109/TII.2012.2224353> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Non-standard electrode placement strategies for ECG signal acquisition

Metshein, Margus; Krivošei, Andrei; Abdullayev, Anar; Annus, Paul; Märtens, Olev Sensors 2022 / art. 9351 <https://doi.org/10.3390/s22239351> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Hammami, Hamza; **Ben Yahia, Sadok**; Obaidat, Mohammad S. The Journal of Supercomputing 2023 / p. 7360 - 7376 <https://doi.org/10.1007/s11227-022-04944-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A novel physical fatigue assessment method utilizing heart rate variability and pulse arrival time towards personalized feedback with wearable sensors

Allik, Ardo; Pilt, Kristjan; Viigimäe, Moonika; Fridolin, Ivo; Jervan, Gert Sensors 2022 / art. 1680 <https://doi.org/10.3390/s22041680> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On coverage of critical nodes in UAV-assisted emergency networks

Waheed, Maham; Ahmad, Rizwan; Ahmed, Waqas; Alam, Muhammad Mahtab; Magarini, Maurizio Sensors 2023 / art. 1586 <https://doi.org/10.3390/s23031586> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On stable cones of polynomials via reduced Routh parameters

Nurges, Ülo; Belikov, Juri; Artemtšuk, Igor Kybernetika 2016 / p. 461-477 <https://doi.org/10.14736/kyb-2016-3-0461> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On-line corrosion monitoring of plate structures based on guided wave tomography using piezoelectric sensors

Rao, Jing; Ratassepp, Madis; Lisevych, Danylo; Caffoor, Mahadhir Hamzah; Fan, Zheng Sensors 2017 / art. 2882, p. 1-14 : ill <https://doi.org/10.3390/s17122882> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ontology integration : approaches and challenging issues

Osman, Ines; Ben Yahia, Sadok; Diallo, Gayo Information Fusion 2021 / p. 38-63 : ill <https://doi.org/10.1016/j.inffus.2021.01.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ontology merging using the weak unification of concepts

Kuusik, Norman; Vain, Jüri Big Data and Cognitive Computing 2024 / art. 98 <https://doi.org/10.3390/bdcc8090098> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An open surface drifter for river flow field characterization

Fuentes-Pérez, Juan Francisco; Sanz-Ronda, Francisco Javier; Tuhtan, Jeffrey Andrew Sensors 2022 / art. nr. 9918 <https://doi.org/10.3390/s22249918> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optimal control of automatic manipulator for elimination of galvanic line load oscillation

Autsou, Siarhei; Rassõlkin, Anton; Vaimann, Toomas; Demidova, Galina; Saroka, Viktor; Karpovich, Dzmitry; Kallaste, Ants Periodica polytechnica electrical engineering and computer science 2021 / 15 p. : ill <https://doi.org/10.3311/PPee.15893> [Journal metrics at Scopus](#) [Article at Scopus](#)

Overcoming system complexity using models and knowledge structures. Editorial introduction to issue 36 of CSIMQ

Nazaruka, Erika; Robal, Tarmo Complex systems informatics and modeling quarterly (CSIMQ) 2023 / p. I-II <https://doi.org/10.7250/csimq.2023-36.00> [Journal metrics at Scopus](#) [Article at Scopus](#)

Overview of battery energy storage systems readiness for digital twin of electric vehicles

Zequera, Rolando Antonio Gilbert; Rassõlkin, Anton; Vaimann, Toomas; Kallaste, Ants IET Smart Grid 2023 / p. 5-16 <https://doi.org/10.1049/stg2.12101> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Overview of digital twin platforms for EV applications

Mohamed, Mahmoud Ibrahim Hassanin; Rjabtšikov, Viktor; Zequera, Rolando Antonio Gilbert Sensors 2023 / art. 1414, 15 p. : ill <https://doi.org/10.3390/s23031414> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An overview of the functions of smart grids associated with virtual power plants including cybersecurity measures

Alvi, Anas Abdullah; Romero-Cadaval, Enrique; González-Romera, Eva; Hassan, Jamil; Vinnikov, Dmitri Technological innovation for connected cyber physical spaces : 14th IFIP WG 5.5/SOCOLNET Doctoral Conference on Computing, Electrical and Industrial Systems, DoCEIS 2023, Caparica, Portugal, July 5-7, 2023 : proceedings 2023 / p. 95 - 107 https://doi.org/10.1007/978-3-031-36007-7_7 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Parkinson's disease diagnostics based on the analysis of digital sentence writing test

Netšunajev, Aleksei; Nõmm, Sven; Toomela, Aaro; Medijainen, Kadri; Taba, Pille Vietnam journal of computer science 2021 / p. 493-512 <https://doi.org/10.1142/S2196888821500238> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A plea for responsible and inclusive knowledge management at the world level

Durst, Susanne VINE Journal of Information and Knowledge Management Systems 2024 / p. 211-219 <https://doi.org/10.1108/VJKMS-09-2021-0204> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Preface

Jallouli, Rim; Tobji, Mohamed Anis Bach; Mcheick, Hamid; Piho, Gunnar Digital Economy. Emerging Technologies and Business Innovation : 6th International Conference on Digital Economy, ICDEc 2021, Tallinn, Estonia, July 15–17, 2021 : proceedings 2021 / p. v–vi <https://link.springer.com/content/pdf/bfm:978-3-030-92909-1/1> [Collection metrics at Scopus](#) [Article at Scopus](#)

Preface

Hollstein, Thomas; Raik, Jaan; Kostin, Sergei; Tšertov, Anton; O'Connor, Ian; Reis, Ricardo VLSI-SoC: System-on-Chip in the Nanoscale Era – Design, Verification and Reliability, 24th IFIP WG 10.5/IEEE International Conference on Very Large Scale Integration, VLSI-SoC 2016, Tallinn, Estonia, September 26-28, 2016 : Revised Selected Papers 2017 / p. V-VI
<https://link.springer.com/book/10.1007/978-3-319-67104-8> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Preface

Polyakova, Tatiana; Prikhodko, Viacheslav; **Rüütmann, Tiia;** Auer, Michael E. The International Society for Engineering Pedagogy : 1972-2022 2023 / p. ix-x <https://link.springer.com/book/10.1007/978-3-031-19890-8> https://www.estee.ee/record=b5746643*est [Article collection metrics at Scopus](#) [Article at Scopus](#)

Preface of the special issue on advances in data-driven engineering

Ben Yahia, Sadok; Attiogbé, Christian International Journal of General Systems 2023 / p. 203-205

<https://doi.org/10.1080/03081079.2023.2204251> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Propagation of bankruptcy risk over scale-free economic networks

Andria, Joseph; di Tollo, Giacomo; **Kalda, Jaan** Entropy 2022 / art. 1713 <https://doi.org/10.3390/e24121713> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A public, blockchain-based distributed smart-contract platform enabling mobile lite wallets using a proof-of-stake consensus algorithm

Norta, Alexander; Dai, Patrick; Mahi, Neil; Earls, Jordan Business Information Systems Workshops : BIS 2018 : International Workshops, Berlin, Germany, July 18–20, 2018 : Revised Papers 2019 / p. 368-380 https://doi.org/10.1007/978-3-030-04849-5_33 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Q-Learning based joint energy-spectral efficiency optimization in multi-hop device-to-device communication

Khan, Muhidul Islam; Reggiani, Luca; **Alam, Muhammad Mahtab;** Le Moullec, Yannick; Sharma, Navuday; Yaacoub, Elias; Magarini, Maurizio Sensors 2020 / art. 6692, 23 p.: ill <https://doi.org/10.3390/s20226692> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A QoS optimization approach in cognitive body area networks for healthcare applications

Ahmed, Tauseef; Le Moullec, Yannick Sensors 2017 / art. 780, p. 1-23 : ill <https://doi.org/10.3390/s17040780> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Radio resource management in NB-IoT systems : empowered by interference prediction and flexible duplexing

Malik, Hassan; **Alam, Muhammad Mahtab;** Pervaiz, Haris; **Le Moullec, Yannick;** Al-Dulaimi, Anwer; Päränd, Sven; Reggiani, Luca IEEE Network 2020 / Art. nr. 8839971 <https://doi.org/10.1109/MNET.001.1900087> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Rate-latency optimization for NB-IoT with adaptive resource unit configuration in uplink transmission

Elgarhy, Osama Mohamed Mostafa; **Reggiani, Luca;** **Malik, Hassan;** **Alam, Muhammad Mahtab;** Imran, Muhammad Ali IEEE Systems Journal 2021 / p. 265 - 276 <https://doi.org/10.1109/JSYST.2020.2991073> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Realization of nonlinear input-output equations in controller canonical form

Kaldmäe, Arvo; **Kotta, Ülle** Kybernetika 2018 / p. 736-747 <https://doi.org/10.14736/kyb-2018-4-0736> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Real-time regulation of beam-based feedback : implementing an FPGA solution for a continuous wave linear accelerator

Maalberg, Andrei; Kuntzsch, Michael; **Petlenkov, Eduard** Sensors 2022 / art. 6236, 22 p. : ill <https://doi.org/10.3390/s22166236> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A reinforcement learning routing protocol for UAV aided public safety networks

Minhas, Hassan Ishtiaq; Ahmad, Rizwan; Ahmed, Waqas; Waheed, Maham; **Alam, Muhammad Mahtab;** Gul, Sufi Tabassum Sensors 2021 / Art. nr. 4121 <https://doi.org/10.3390/s21124121> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Relation between self-organization and wear mechanisms of diamond films

Podgurski, Vitali; **Bogatov, Andrei;** **Yashin, Maxim** Entropy 2018 / art. 279, 16 p. : ill <https://doi.org/10.3390/e20040279> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Review of novel topologies for PV applications

Makovenko, Elena; **Husev, Oleksandr;** Roncero-Clemente, Carlos; Romero-Cadaval, Enrique Technological innovation for cyber-physical systems : 7th IFIP WG 5.5/SOCOLNET Advanced Doctoral Conference on Computing, Electrical and Industrial Systems, DoCEIS 2016, Costa de Caparica, Portugal, April 11-13, 2016 : proceedings 2016 / p. 369-377 : ill https://doi.org/10.1007/978-3-319-31165-4_35 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Revisiting the LQR problem of singular systems

Nosrati, Komeil; Belikov, Juri; Tepljakov, Aleksei; Petlenkov, Eduard IEEE/CAA Journal of Automatica Sinica 2024 / p. 2236-2252 : ill <https://doi.org/10.1109/JAS.2024.124665> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Rise of the machines? Customer engagement in automated service interactions

Hollebeek, Linda Desiree; Sprott, David E.; Brady, Michael K. Journal of Service Research 2021 / p. 3–8
<https://doi.org/10.1177/1094670520975110> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Robust stability analysis of Smith predictor based interval fractional-order control systems: a case study in level control process

Ghorbani, Majid; Tavakoli-Kakhki, Mahsan; Tepljakov, Aleksei; Petlenkov, Eduard IEEE/CAA Journal of Automatica Sinica 2023 / p. 762-780 <https://doi.org/10.1109/JAS.2022.105986> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The role of European Logistics Association 2020 Standards in facing modern industry expectations and logistics managers' competencies

Bisogni, Paolo Gaetano; Brdulak, Halina Maria; Cantoni, Franca; Niine, Tarvo; Zsifkovits, Helmut International Journal of Value Chain Management 2021 / p. 171-198 <https://doi.org/10.1504/IJVM.2021.10033421> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Rule-based impact analysis for enterprise business intelligence

Tomingas, Kalle; Tammet, Tanel; Kliimask, Margus Artificial Intelligence Applications and Innovations : AIAI 2014 Workshops : CoPA, MHDW, IVC, and MT4BD, Rhodes, Greece, September 19-21, 2014 : proceedings 2014 / p. 302-309 : ill https://doi.org/10.1007/978-3-662-44722-2_32 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Scalable and imbalance-resistant machine learning models for anti-money laundering : a two-layered approach

Tertychnyi, Pavlo; Slobozhan, Ivan; Ollikainen, Madis; Dumas, Marlon Enterprise Applications, Markets and Services in the Finance Industry : 10th International Workshop, FinanceCom 2020, Helsinki, Finland, August 18, 2020, Revised Selected Papers 2020 / p. 43-58 https://doi.org/10.1007/978-3-030-64466-6_3 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

A scalable knowledge graph embedding model for next point-of-interest recommendation in Tallinn city

Ounoughi, Chahinez; Mouakher, Amira; Sherzad, Muhammad Ibraheem; Ben Yahia, Sadok Research Challenges in Information Science : 15th International Conference, RCIS 2021, Limassol, Cyprus, May 11–14, 2021 : proceedings 2021 / p. 435–451 https://doi.org/10.1007/978-3-030-75018-3_29 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Seamless 5g multi-hop connectivity architecture and trials for maritime applications

Lindenbergs, Arturs; Muehleisen, Maciej; Payaro, Miquel; Körbe Kaare, Kati; Zaglauer, Helmut W.; Scholliers, Johan; Sadam, Arvi; Kuhi, Kristjan; Nykanen, Lasse Sensors 2023 / art. 4203 <https://doi.org/10.3390/s23094203> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Securing airline-turnaround processes using security risk-oriented patterns

Samarütel, Silver; Matulevičius, Raimundas; Norta, Alexander; Nõukas, Rein The Practice of Enterprise Modeling : 9th IFIP WG 8.1. Working Conference, PoEM 2016, Skövde, Sweden, November 8-10, 2016 : proceedings 2016 / p. 209-224 https://doi.org/10.1007/978-3-319-48393-1_15 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Security requirements elicitation from airline turnaround processes

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

Semi-automated integration of domain ontologies to DSL meta-models

Haav, Hele-Mai; Ojamaa, Andres International journal of intelligent information and database systems 2017 / p. 94-116 : ill <https://doi.org/10.1504/IJIDS.2017.086198> [Journal metrics at Scopus](#) [Article at Scopus](#)

Sensor-location-specific joint acquisition of peripheral artery bioimpedance and photoplethysmogram for wearable applications

Metshein, Margus; Abdullayev, Anar; Gautier, Antoine; Larras, Benoit; Frappe, Antoine; Cardiff, Barry; Annus, Paul; Land, Raul; Märten, Olev Sensors 2023 / art. 7111 <https://doi.org/10.3390/s23167111> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Smart contracts and void declarations of intent

Hoffmann, Thomas Advanced Information Systems Engineering Workshops : CAiSE 2019 International Workshops, Rome, Italy, June 3-7, 2019 : proceedings 2019 / p. 168-175 https://doi.org/10.1007/978-3-030-20948-3_15 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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

Kosenko, Roman; Vinnikov, Dmitri Technological Innovation for Smart Systems : 8th IFIP WG 5.5/SOCOLNET Advanced Doctoral Conference on Computing, Electrical and Industrial Systems, DoCEIS 2017, Costa de Caparica, Portugal, May 3–5, 2017 : proceedings 2017 / p. 429–436 https://doi.org/10.1007/978-3-319-56077-9_42 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

String diagram rewrite theory I : rewriting with Frobenius structure

Bonchi, Filippo; Gadducci, Fabio; Kissinger, Aleks; **Sobocinski, Pawel Maria**; Zanasi, Fabio Journal of the ACM 2022 / art. 14 <https://doi.org/10.1145/3502719> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Structured development of implementations for divide-and-conquer specifications

Bortin, Maksym Science of computer programming 2024 / art. 103011, 15 p. : ill <https://doi.org/10.1016/j.scico.2023.103011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Supply chain quality improvement based on customer compliance

Maas, Rene; Shevtshenko, Eduard; **Karaulova, Tatjana** Technological Innovation for Connected Cyber Physical Spaces : 14th IFIP WG 5.5/SOCOLNET Doctoral Conference on Computing, Electrical and Industrial Systems, DoCEIS 2023, Caparica, Portugal, July 5–7, 2023 : proceedings 2023 / p. 230 - 242 https://doi.org/10.1007/978-3-031-36007-7_17 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

A survey on UAV computing platforms : a hardware reliability perspective

Ahmed, Foisal; Jenihhin, Maksim Sensors 2022 / art. 6286 <https://doi.org/10.3390/s22166286> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A systematic review of cutting-edge radar technologies : applications for unmanned ground vehicles (UGVs)

Ersü, Can; Petlenkov, Eduard; Janson, Karl Sensors 2024 / art. 7807 <https://doi.org/10.3390/s24237807> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Systematic review of fault tolerant techniques in underwater sensor networks

Vihman, Lauri; Kruusmaa, Maarja; Raik, Jaan Sensors 2021 / art. 3264 <https://doi.org/10.3390/s21093264> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Systematic support for full knowledge management lifecycle by advanced semantic annotation across information system boundaries

Pattanaik, Vishwajeet; Norta, Alexander; Felderer, Michael; Draheim, Dirk Information Systems in the Big Data Era : CAiSE Forum 2018, Tallinn, Estonia, June 11-15, 2018 : proceedings 2018 / p. 66–73 https://doi.org/10.1007/978-3-319-92901-9_7 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Systemic change, open data ecosystem performance improvements, and empirical insights from Estonia: A country-level action research study

McBride, Keegan David Braun; Olesk, Maarja; Kütt, Andres; Shysh, Diana Information Polity 2020 / p. 377-402 <https://doi.org/10.3233/IP-190195> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A taxonomy of knowledge risks for healthcare organizations

Hammoda, Basel Osama Sayed Ahmed; Durst, Susanne Vine journal of information and knowledge management systems 2022 / p. 354-372 <https://doi.org/10.1108/VJKMS-07-2021-0114> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Test scenario specification language for model-based testing

Halling, Evelin; Vain, Jüri; Boyarchuk, Artem; Illiashenko, Oleg International Journal of Computing 2019 / p. 408-421 : ill <http://www.computingonline.net/computing/article/view/1611> <https://doi.org/10.47839/ijc.18.4.1611> [Journal metrics at Scopus](#) [Article at Scopus](#)

Testing the applicability of digital decision support on a nationwide EHR

Metsallik, Janek; Ross, Peeter Digital Economy. Emerging Technologies and Business Innovation : 6th International Conference on Digital Economy, ICDEc 2021, Tallinn, Estonia, July 15–17, 2021 : proceedings 2021 / p. 134–146 https://doi.org/10.1007/978-3-030-92909-1_9 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

The e-LocGov model for introducing e-governance into local governments : an Estonian case study

Pappel, Ingrid; Tsap, Valentyna; Draheim, Dirk IEEE Transactions on Emerging Topics in Computing 2021 / p. 597-611 <https://doi.org/10.1109/TETC.2019.2910199> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The essential competencies of software professionals : a unified competence framework

Assyne, Nana; **Ghanbari, Hadi**; Pulkkinen, Mirja Information and software technology 2022 / art. 107020, 20 p. : ill <https://doi.org/10.1016/j.infsof.2022.107020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The History of IGIP

Polyakova, Tatiana; Prikhodko, Viacheslav; **Rüütman, Tiia**; Auer, Michael E. The International Society for Engineering Pedagogy:

The impact of the natural level of blood biochemicals on electroencephalographic markers in healthy people

Päeske, Laura; Hinrikus, Hiie; Lass, Jaanus; Pöld, Toomas; Bachmann, Maie Sensors 2024 / art. 7438

<https://doi.org/10.3390/s24237438> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The most prominent software development concepts cited in IT professionals' blogs

Ojastu, Deniss; Robal, Tarmo; Kalja, Ahto Perspectives in business informatics research : 14th International Conference, BIR

2015, Tartu, Estonia, August 26-28, 2015 : proceedings 2015 / p. 197-212 https://doi.org/10.1007/978-3-319-21915-8_13 [Conference proceedings at Scopus](#) [Article at Scopus](#)

The state of research on software engineering competencies : a systematic mapping study

Assyne, Nana; **Ghanbari, Hadi**; Pulkkinen, Mirja Journal of systems and software 2022 / art. 111183, 18 p. : ill

<https://doi.org/10.1016/j.jss.2021.111183> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Thermal analysis of a disposable, instrument-free DNA amplification lab-on-a-chip platform

Pardy, Tamas; Rang, Toomas; Tulp, Indrek Sensors 2018 / art. 1812, 13 p. : ill <https://doi.org/10.3390/s18061812> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Total interpretive structural modelling (TISM) and MICMAC approach in analysing knowledge risks in ICT-supported collaborative project

Foli, Samuel Vine journal of information and knowledge management systems 2022 / p. 394-410 <https://doi.org/10.1108/VJKMS-09-2021-0205> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Towards a Cross-Border Reference Architecture for the Once-Only Principle in Europe : An Enterprise Modelling Approach

Tepandi, Jaak; Grandry, Eric; Fieten, Sander; **Draheim, Dirk; Piho, Gunnar** The Practice of Enterprise Modeling : 12th IFIP

Working Conference, PoEM 2019, Luxembourg, Luxembourg, November 27–29, 2019 : proceedings 2019 / p. 103-117

https://doi.org/10.1007/978-3-030-35151-9_7 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Towards efficient wireless body area network using two-way relay cooperation

Waheed, Maham; Ahmad, Rizwan; **Alam, Muhammad Mahtab** Sensors 2018 / art. 565, 23 p. : ill <https://doi.org/10.3390/s18020565>

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

Towards process-aware cross-organizational human resource management

Cabanillas, Christina; **Norta, Alexander** Enterprise, Business-Process and Information Systems Modeling : 15th International Conference, BPMDS 2014, 19th International Conference, EMMSAD 2014, Held at CAiSE 2014, Thessaloniki, Greece, June 16-17, 2014 : proceedings 2014 / p. 79-93 : ill https://doi.org/10.1007/978-3-662-43745-2_6 [Conference proceedings at Scopus](#) [Article at Scopus](#)

[Scopus](#)

Towards self-development of evolutionary information systems : an action research of business architecture development by students in socially networked groups

Roost, Mart; Taveter, Kuldar; Rava, Karin; Tepandi, Jaak; Piho, Gunnar; Kuusik, Rein, inform.; Õunapuu, Enn Advanced

Information Systems Engineering Workshops : CAiSE 2013 International Workshops, Valencia, Spain, June 17-21, 2013 :

proceedings 2013 / p. 1-15 https://doi.org/10.1007/978-3-642-38490-5_1 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

TrajectoryNAS: a neural architecture search for trajectory prediction

Sharifi, Ali Asghar; Zoljodi, Ali; **Daneshtalab, Masoud** Sensors 2024 / 15, p. : ill <https://doi.org/10.3390/s24175696> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Transformation of nonlinear state equations into the observer form : necessary and sufficient conditions in terms of one-forms

Kaparin, Vadim; Kotta, Ülle Kybernetika 2015 / p. 36-58 <https://doi.org/10.14736/kyb-2015-1-0036> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Transition from self-organized criticality into self-organization during sliding Si3N4 balls against nanocrystalline diamond films

Bogatov, Andrei; Podgurski, Vitali; Vagiström, Heinar; Yashin, Maxim; Shaikh, Asad Alamgir; Viljus, Mart; Menezes,

Pradeep; Gershman, Iosif Entropy 2019 / art. 1055 ; 12 p <https://doi.org/10.3390/e21111055> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Tammpuu, Piia; Masso, Anu Information systems frontiers 2019 / p. 621-634 : ill <https://doi.org/10.1007/s10796-019-09908-y> [Professor](#)

[Anu Masso: e-residentsus taastoodab digitaalset ebavõrdsust](#) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Unpacking algorithms as technologies of power : Syrian refugees and data experts on algorithmic governance

Kasapoglu, Tayfun; **Masso, Anu**; **Calzati, Stefano** Digital Geography and Society 2021 / art. 100016

<https://doi.org/10.1016/j.diggeo.2021.100016> [Journal metrics at Scopus](#) [Article at Scopus](#)

User experience during an immersive virtual reality-based cognitive task : a comparison between Estonian and Italian older adults with MCI

Mondellini, Marta; Arlati, Sara; Gapeyeva, Helena; Lees, Kairi; Märitz, Ingrid; **Pizzagalli, Simone Luca**; **Otto, Tauno**; Sacco, Marco; Teder-Braschinsky, Anneli Sensors 2022 / art. 8249 <https://doi.org/10.3390/s22218249> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

Validation of wired and wireless interconnected body sensor networks

Talpur, Anum; Shaikh, Faisal Karim; Baloch, Natasha; Felemban, Emad; Khelil, Abdelmajid; **Alam, Muhammad Mahtab** Sensors

2019 / art. 3697, 23 p. : ill <https://doi.org/10.3390/s19173697> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A visual-semantic approach for building content-based recommender systems

Bendouch, Mounir M.; Frasinicar, Flavius; **Robal, Tarmo** Information systems 2023 / art. 102243, 12 p. : ill

<https://doi.org/10.1016/j.is.2023.102243> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)