

Universitatea Tehnică din Cluj-Napoca
Facultatea Automatica si Calculatoare
Departamentul Calculatoare
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LISTA

lucrărilor științifice in extenso publicate în perioada de după susținerea tezei de doctorat

Capitole de carte

1. A. Costan, C. Rasa, A. Radu, **B. Iancu**, A. Peculea, V. Dadarlat, *Intercloud. Delivering Innovative Cloud Services*, in Digital Entrepreneurship and Global Innovation, IGI Global publishing, USA, 2016, ISBN: 9781522509530, <https://www.igi-global.com/chapter/intercloud/167585>

C – Lucrări indexate ISI/BDI

c1) Articole / studii publicate în reviste de specialitate de circulație internațională recunoscute (cotate ISI)

1. R. Kovacs, S. Buzura, **B. Iancu**, V. Dadarlat, A. Peculea, E. Cebuc, Practical Implementation of a Blockchain-Enabled SDN for Large-Scale Infrastructure Networks, Appl. Sci. 2024, 14, 1914. <https://doi.org/10.3390/app14051914>
2. S. Buzura, A. Peculea, **B. Iancu**, E. Cebuc, V. Dadarlat, and R. Kovacs, A Hybrid Software and Hardware SDN Simulation Testbed, Sensors, vol. 23, no. 1, p. 490, Jan. 2023, <http://dx.doi.org/10.3390/s23010490>
3. S. Buzura, M. Lehene, **B. Iancu**, V. Dadarlat, Extendable Software Architecture for Mitigating ARP Spoofing-Based Attacks in SDN Data Plane Layer, Electronics 2022, 11(13), 1965; <https://doi.org/10.3390/electronics11131965>
4. S. Buzura, **B. Iancu**, V. Dadarlat, A. Peculea, E. Cebuc, Optimizations for Energy Efficiency in Software-Defined Wireless Sensor Networks. Sensors, 20(17), 4779, 2020, <https://doi.org/10.3390/s20174779>

c2) Studii publicate la conferințe indexate în baze de date internaționale de referință în domeniul Calculatoare si Tehnologia Informatiei (ISI, DBLP, ACM, IEEE, SCOPUS)

1. S. Buzura, V. Lazar, **B. Iancu**, A. Peculea, V. Dadarlat, *Using Software-Defined Networking Technology for Delivering Software Updates to Wireless Sensor Networks*, 20th RoEduNet Conference: Networking in Education and Research, 2021, <https://ieeexplore.ieee.org/document/9637720>
2. R. Kovacs, **B. Iancu**, V. Dadarlat, S. Buzura, A. Peculea, E. Cebuc, *A collaborative game theory approach for determining the feasibility of a shared AS blockchain infrastructure*, 2021 20th RoEduNet Conference: Networking in Education and Research (RoEduNet), Iasi, Romania, 2021, <https://ieeexplore.ieee.org/document/9637711>

3. S. Buzura, **B. Iancu**, V. Dadarlat, *A System Proposal for Collecting Medical Data from Heterogeneous Sensors Using Software-Defined Networks*, 7th International Conference on Advancements of Medicine and Health Care through Technology, MediTech, 2020, https://link.springer.com/chapter/10.1007%2F978-3-030-93564-1_32
4. **B. Iancu**, I. Illyes, V. Dadarlat, A. Peculea, *Pollution Probes Application: the impact of using PVDM messages in VANET infrastructures for environmental monitoring*, 2019 IEEE 15th International Conference on Intelligent Computer Communication and Processing, Cluj-Napoca, 2019, <https://ieeexplore.ieee.org/document/8959532>
5. B. Iancu, **R. Kovacs**, V. Dadarlat, A. Peculea, *Interconnecting heterogeneous non-smart medical devices using a wireless sensor networks (WSN) infrastructure*, 5th International Conference on Advancements of Medicine and Health Care through Technology - MEDITECH 2016, Oct.2016, Romania, https://link.springer.com/chapter/10.1007/978-3-319-52875-5_45