

Lista portofoliului de lucrări științifice considerate relevante

Conf. univ. dr. ing. Adrian Alexandrescu

1. **Adrian Alexandrescu**, Delia-Elena Bărbuță, Cristian Nicolae Butincu, Alexandru Archip, Silviu-Dumitru Pavăl, Cătălin Mironeanu, Gabriel-Alexandru Scînteie. *Design Analysis for a Distributed Business Innovation System Employing Generated Expert Profiles, Matchmaking, and Blockchain Technology*. Future Internet, vol. 17, no. 4 (2025) (<https://doi.org/10.3390/fi17040171>) (Impact Factor 2024: 3.6 - Q2)
2. Delia-Elena Bărbuță, **Adrian Alexandrescu**. *A Secure Real Estate Transaction Framework Based on Blockchain Technology and Dynamic Non-Fungible Tokens*. In 2024 28th International Conference on System Theory, Control and Computing (ICSTCC), pp. 558-563. IEEE, 2024. (IEEE Xplore, SCOPUS)
3. Cristian Nicolae Butincu, **Adrian Alexandrescu**. *Design Aspects of Decentralized Identifiers and Self-Sovereign Identity Systems*. IEEE Access, vol. 12, pp. 60928-60942 (2024). (<https://doi.org/10.1109/ACCESS.2024.3394537>) (Impact Factor 2024: 3.6 - Q2)
4. **Adrian Alexandrescu**, Cristian Nicolae Butincu. *Dars: Decentralized article retrieval system*. SoftwareX, 25:101624, 2024. (<https://doi.org/10.1016/j.softx.2023.101624>) (Impact Factor 2024: 2.4 - Q2)
5. **Adrian Alexandrescu**, Cristian Nicolae Butincu. *Decentralized news-retrieval architecture using blockchain technology*. MATHEMATICS, 11(21), NOV 2023. (<https://doi.org/10.3390/math11214542>) (Impact Factor 2024: 2.2 - Q1)
6. Cristian Nicolae Butincu, **Adrian Alexandrescu**. *Blockchain-Based Platform to Fight Disinformation Using Crowd Wisdom and Artificial Intelligence*. Applied Sciences 13, no. 10 (2023): 6088. (<https://doi.org/10.3390/app13106088>) (Impact Factor 2024: 2.5 - Q2)
7. **Adrian Alexandrescu**, Parallel Processing of Sensor Data in a Distributed Rules Engine Environment through Clustering and Data Flow Reconfiguration, SENSORS, vol. 23, issue 3, p. 1543. Feb 2023. (<https://doi.org/10.3390/s23031543>) (Impact Factor 2024: 3.5 - Q2)
8. **Adrian Alexandrescu**, Nicolae Botezatu, Robert Lupu. *Monitoring and processing of physiological and domotics parameters in an Internet of Things (IoT) assistive living environment*. In 2022 26th International Conference on System Theory, Control and Computing (ICSTCC), pp. 362-367. IEEE, 2022.
9. **Adrian Alexandrescu**, *Optimization and Security in Information Retrieval, Extraction, Processing, and Presentation on a Cloud Platform*, Information 10.6 (2019), 200. (<https://doi.org/10.3390/info10060200>) (Impact Factor 2024: 2.9 - Q2)
10. **Adrian Alexandrescu**, Cristian Nicolae Butincu, Mitică Craus, *Recommending Products and Services belonging to Online Businesses using Intelligent Agents*, Service Science INFORMS, ISSN:2164-3962 EISSN:2164-3970. (<https://doi.org/10.1287/serv.2017.0188>) (Impact Factor 2024: 1.3 - Q3)

25.06.2025