LISTA LUCRĂRILOR PUBLICATE

Student doctorand: ZADOBRISCHI Eduard
Domeniul: Inginerie Electronică, Telecomunicații și Tehnologii Informaționale

Nr. crt.	Titlul lucrării si autorii[1)]	Publicația / Conferința (Journal / Proceedings) DOI: Digital Object Identifier[2)] Notă: inclusiv adresa paginii web dacă aceasta există	Anul	Categoria
1	**Zadobrischi, E.** Intelligent Traffic Monitoring through Heterogeneous and Autonomous Networks Dedicated to Traffic Automation.	***Sensors* 2022**, *22*, 7861. https://doi.org/10.3390/s22207861	**2022**	***Q2 Journal - ISI Impact factor 2022-2022 = 3,847***
2	Beguni, C.; Căilean, A.-M.; Avătămăniței, S.-A.; **Zadobrischi, E.;** Stoler, R.; Dimian, M.; Popa, V.; Béchadergue, B.; Chassagne, L. In-Vehicle Visible Light Communications Data Transmission System Using Optical Fiber Distributed Light: Implementation and Experimental Evaluation.	***Sensors* 2022**, *22*, 6738. https://doi.org/10.3390/s22186738	**2022**	***Q2 Journal - ISI Impact factor 2022-2022 = 3,847***
3	Nistor, A.; **Zadobrischi, E.** The Influence of Fake News on Social Media: Analysis and Verification of Web Content during the COVID-19 Pandemic by Advanced Machine Learning Methods and Natural Language Processing.	**Sustainability 2022**, 14, 10466. https://doi.org/10.3390/su141710466	**2022**	***Q2 Journal - ISI Impact factor 2022-2022 = 3,889***
4	**Zadobrischi, E.** Analysis and Experiment of Wireless Optical Communications in Applications Dedicated to Mobile Devices with Applicability in the Field of Road and Pedestrian Safety. *Sensors* **2022**, *22*, 1023. https://doi.org/10.3390/s22031023	**Sensors 2022**, 22, 1023. https://doi.org/10.3390/s22031023	**2022**	***Q1 Journal - ISI Impact factor 2021-2022 = 3,576***
5	**Zadobrischi, E.**; Dimian, M.; Negru, M. The Utility of DSRC and V2X in Road Safety Applications and Intelligent Parking: Similarities, Differences, and the Future of Vehicular Communication.	**Sensors 2021**, 21, 7237. https://doi.org/10.3390/s21217237	**2021**	***Q1 Journal - ISI Impact factor 2021-2022 = 3,576***
6	**Zadobrischi, E.**; Dimian, M. Inter-Urban Analysis of Pedestrian and Drivers through a Vehicular Network Based on Hybrid Communications Embedded in a Portable Car System and Advanced Image Processing Technologies.	**Remote Sens.** 2021, 13, 1234. https://www.mdpi.com/2072-4292/13/7/1234	**2021**	***Q1 Journal - ISI Impact factor 2020-2021 = 4,509***
7	**Zadobrischi, E.**; Dimian, M. Vehicular Communications Utility in Road Safety Applications: A Step toward Self-Aware Intelligent Traffic Systems.	**Symmetry 2021**, 13, 438. https://www.mdpi.com/2073-8994/13/3/438	**2021**	***Q2 Journal - ISI Impact factor 2020-2021 = 2,645***

8	**Zadobrischi, E.**; Cosovanu, L.-M.; Dimian, M. Traffic Flow Density Model and Dynamic Traffic Congestion Model Simulation Based on Practice Case with Vehicle Network and System Traffic Intelligent Communication.		**Symmetry 2020**, 12, 1172. https://www.mdpi.com/2073-8994/12/7/1172	***2020***	***Q2 Journal - ISI Impact factor 2020-2021 = 2,645***
9	**E. Zadobrischi**, "System Prototype Proposed for Vehicle Communications Based on VLC-RF Technologies Adaptable on Infrastructure,"		2020 International Conference on Development and Application Systems (DAS), 2020, pp. 78-83, doi: 10.1109/DAS49615.2020.9108908. https://ieeexplore.ieee.org/document/9108908	***2020***	***ISI***
10	S.-A. Avatamanitei, A. M. Cailean, **E. Zadobrischi**, A. Done, M. Dimian, V. Popa, "Intensive Testing of Infrastructure-to-Vehicle Visible Light Communications in Real Outdoor Scenario: Evaluation of a 50 meters link in Direct Sun Exposure,"		*Global LIFI Congress (GLC)*, Paris, 2018, pp. 1-4. https://ieeexplore.ieee.org/document/8864129	***2019***	***ISI***