

Lista portofoliului de lucrări științifice considerate relevante de către candidat, elaborate în domeniul de doctorat vizat

COMȘA CIPRIAN-ROMEO

1. T.G. Sorescu, V.M. Chiriac, M.A. Stoica, C.R. Comsa , I.G. Soroaga, A. Contac, "Comparative Performance Analysis of Lightweight Cryptographic Algorithms on Resource-Constrained IoT Platforms," in Sensors, MDPI, vol. 25, issue 18, pag. 5887 20.09.2025, https://doi.org/10.3390/s25185887 https://www.webofscience.com/wos/woscc/full-record/WOS:001582216500001
2. N. Cleju, C. Pascal, C.R. Comsa , C.F. Caruntu, I.A. Ciocoiu, C. Patachia-Sultanoiu, R. Mihai "Towards Efficient Urban Mobility: Deployment Strategies for Smart Traffic Management and Crowd Monitoring Systems," 2024 Joint European Conference on Networks and Communications & 6G Summit (EuCNC/6G Summit), Antwerp, Belgium, 2024, pp. 997-1002 https://www.webofscience.com/wos/woscc/full-record/WOS:001275093600065
3. T.G. Sorescu, A.V. Militaru, V.M. Chiriac, C.R. Comsa and I.E. Alecsandrescu, "UWB Indoor Localization: Accuracy Evaluation in a Controlled Environment," 2024 16th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), Iasi, Romania, 2024, pp. 1-6 https://www.webofscience.com/wos/author/record/38881282
4. A.V. Militaru, R.G. Lazar, C. Pascal, C.R. Comsa , I. Bogdan and C.F. Caruntu, "Validation of Real-world Measurements Through Ray Tracing Simulation for 5G Urban Scenarios," 2024 International Symposium on Electronics and Telecommunications (ISETC), Timisoara, Romania, 2024, pp. 1-4 https://www.webofscience.com/wos/author/record/38881282
5. AV Militaru, CF Caruntu, CR Comsa , „Application Design Principles for Road Users’ Safety,” in Proc. of the 2021 International Symposium on Signals, Circuits and Systems (ISSCS), 1-4, Iasi Romania https://ieeexplore.ieee.org/document/9497370
6. A. Abunej, C.R. Comșa , C.F. Caruntu, and I. Bogdan, "Redundancy Based V2V Communication Platform for Vehicle Platooning," in the Proceedings of the 2019 International Symposium on Signals, Circuits and Systems (ISSCS2019), Iasi, 11-12 July 2019, pp. 1-4. ISBN:978-1-7281-3897-8. DOI: 10.1109/ISSCS.2019.8801781. https://www.webofscience.com/wos/woscc/full-record/WOS:000503459500053
7. V.M. Chiriac, C.R. Comsa , and D. Burdia, "Safety Concepts for Body Control Automotive Functionalities," in 2018 10th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), pp. 1-4. IEEE, 2018. DOI: 10.1109/ECAI.2018.8678953 https://www.webofscience.com/wos/woscc/full-record/WOS:000467734100024
8. C. R. Comsa , A. M. Haimovich, "Performance Bound for Time Delay and Amplitude Estimation from Low Rate Samples of Pulse Trains," presented at the 20th European Signal Processing Conference, EUSIPCO 2012, Bucharest, Romania, Aug. 27-31, 2012. https://www.webofscience.com/wos/woscc/full-record/WOS:000310623800092
9. C. R. Comsa , A. M. Haimovich, S. Schwartz, Y. H. Dobyns, and J. A. Dabin, "Source Localization using Time Difference of Arrival within a Sparse Representation Framework," presented at the International Conference on Acoustics, Speech and Signal Processing, ICASSP 2011, May 22-27, Prague, Czech Republic. https://www.webofscience.com/wos/woscc/full-record/WOS:000296062403071
10. C. R. Comsa and I. Bogdan, "Simulation model for WLAN and GSM interoperating," in the Proceedings of the IEEE International Symposium on Signals, Circuits and Systems, ISSCS 2005, vol. 1, pp. 271 - 274, Iași, Romania, 14-15 July 2005. https://www.webofscience.com/wos/woscc/full-record/WOS:000231532900068