

Nebojsa Maletic

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

221
citations

1684188

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1372567

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26
all docs

26
docs citations

26
times ranked

235
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-Valued Spreading Sequences for PSSS Based High-Speed Wireless Systems. IEEE Access, 2022, 10, 8673-8692.	4.2	2
2	DNN-Assisted Particle-Based Bayesian Joint Synchronization and Localization. IEEE Transactions on Communications, 2022, 70, 4837-4851.	7.8	1
3	Synchronization in 5G networks: a hybrid Bayesian approach toward clock offset/skew estimation and its impact on localization. Eurasip Journal on Wireless Communications and Networking, 2021, 2021, .	2.4	5
4	Modelling power amplifier impairments in mmWave phasedâ€array systems. Electronics Letters, 2021, 57, 532-534.	1.0	1
5	2 Å– 4 VGA-Less Bidirectional Dual-Polarization 28 GHz Beamformer in 130-nm SiGe BiCMOS. IEEE Microwave and Wireless Components Letters, 2021, 31, 981-984.	3.2	4
6	Utilizing Beamsteering at Millimeter Waves for Indoor Object and Room Geometry Detection. , 2021, , .		1
7	Frequency Interleaving IF Transmitter and Receiver for 240-GHz Communication in SiGe:C BiCMOS. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 239-251.	4.6	14
8	On the Impact of Residual Transceiver Impairments in mmWave RF Beamforming Systems. IEEE Communications Letters, 2020, 24, 2459-2463.	4.1	3
9	Performance Investigation of 2-GBaud QAMs Using Fully-Integrated SiGe Chipset at 240-GHz. , 2020, , .		0
10	A Hybrid Bayesian Approach Towards Clock Offset and Skew Estimation in 5G Networks. , 2020, , .		4
11	Bayesian Joint Synchronization and Localization Based on Asymmetric Time-stamp Exchange. , 2020, , .		2
12	Next-cell Prediction Based on Cell Sequence History and Intra-cell Trajectory. , 2019, , .		7
13	Performance assessment for OAM antenna arrays. , 2019, , .		3
14	Achieving Millimeter Precision Distance Estimation using Two-Way Ranging in the 60 GHz Band. , 2019, , .		5
15	Experimental Evaluation of a 60 GHz Beamforming Solution with 32-Dipole Printed Array. , 2019, , .		1
16	Experimental Evaluation of Round-Trip ToF-based Localization in the 60 GHz Band. , 2019, , .		8
17	Wireless Communication Systems in the 240 GHz Band: Applications, Feasibility and Challenges. , 2019, , .		1
18	Beamforming mmWave MIMO: Impact of Nonideal Hardware and Channel State Information. , 2018, , .		7

#	ARTICLE	IF	CITATIONS
19	Device Localization Using mmWave Ranging with Sub-6-Assisted Angle of Arrival Estimation. , 2018, , .		13
20	The IoT Architectural Framework, Design Issues and Application Domains. Wireless Personal Communications, 2017, 92, 127-148.	2.7	105
21	An approach for implementation of ranging and positioning methods on a software defined radio. , 2017, , .		5
22	5Gâ€œHaul: a converged optical and wireless solution for 5G transport networks. Transactions on Emerging Telecommunications Technologies, 2016, 27, 1187-1195.	3.9	16
23	Performance evaluation of Dual Crosspoint Queued crossbar packet switch. , 2013, , .		2
24	Random Binary Sequences in Telecommunications. Journal of Electrical Engineering, 2013, 64, 230-237.	0.7	8
25	Frequency Hopping Synchronization Scheme Based on Real-Time Clock. , 2012, , .		2
26	True random binary sequence generator for secure communications. , 2011, , .		1