

Nebojsa Maletic

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2649093/publications.pdf>

Version: 2024-02-01

26
papers

221
citations

1684188

5
h-index

1372567

10
g-index

26
all docs

26
docs citations

26
times ranked

235
citing authors

#	ARTICLE	IF	CITATIONS
1	The IoT Architectural Framework, Design Issues and Application Domains. <i>Wireless Personal Communications</i> , 2017, 92, 127-148.	2.7	105
2	5G-XHaul: a converged optical and wireless solution for 5G transport networks. <i>Transactions on Emerging Telecommunications Technologies</i> , 2016, 27, 1187-1195.	3.9	16
3	Frequency Interleaving IF Transmitter and Receiver for 240-GHz Communication in SiGe:C BiCMOS. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2020, 68, 239-251.	4.6	14
4	Device Localization Using mmWave Ranging with Sub-6-Assisted Angle of Arrival Estimation. , 2018, , .		13
5	Random Binary Sequences in Telecommunications. <i>Journal of Electrical Engineering</i> , 2013, 64, 230-237.	0.7	8
6	Experimental Evaluation of Round-Trip ToF-based Localization in the 60 GHz Band. , 2019, , .		8
7	Beamforming mmWave MIMO: Impact of Nonideal Hardware and Channel State Information. , 2018, , .		7
8	Next-cell Prediction Based on Cell Sequence History and Intra-cell Trajectory. , 2019, , .		7
9	An approach for implementation of ranging and positioning methods on a software defined radio. , 2017, , .		5
10	Achieving Millimeter Precision Distance Estimation using Two-Way Ranging in the 60 GHz Band. , 2019, , .		5
11	Synchronization in 5G networks: a hybrid Bayesian approach toward clock offset/skew estimation and its impact on localization. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2021, 2021, .	2.4	5
12	A Hybrid Bayesian Approach Towards Clock Offset and Skew Estimation in 5G Networks. , 2020, , .		4
13	2 Å– 4 VGA-Less Bidirectional Dual-Polarization 28 GHz Beamformer in 130-nm SiGe BiCMOS. <i>IEEE Microwave and Wireless Components Letters</i> , 2021, 31, 981-984.	3.2	4
14	Performance assessment for OAM antenna arrays. , 2019, , .		3
15	On the Impact of Residual Transceiver Impairments in mmWave RF Beamforming Systems. <i>IEEE Communications Letters</i> , 2020, 24, 2459-2463.	4.1	3
16	Frequency Hopping Synchronization Scheme Based on Real-Time Clock. , 2012, , .		2
17	Performance evaluation of Dual Crosspoint Queued crossbar packet switch. , 2013, , .		2
18	Bayesian Joint Synchronization and Localization Based on Asymmetric Time-stamp Exchange. , 2020, , .		2

#	ARTICLE	IF	CITATIONS
19	Real-Valued Spreading Sequences for PSSS Based High-Speed Wireless Systems. IEEE Access, 2022, 10, 8673-8692.	4.2	2
20	True random binary sequence generator for secure communications. , 2011, , .		1
21	Experimental Evaluation of a 60 GHz Beamforming Solution with 32-Dipole Printed Array. , 2019, , .		1
22	Wireless Communication Systems in the 240 GHz Band: Applications, Feasibility and Challenges. , 2019, , .		1
23	Modelling power amplifier impairments in mmWave phasedâ€array systems. Electronics Letters, 2021, 57, 532-534.	1.0	1
24	Utilizing Beamsteering at Millimeter Waves for Indoor Object and Room Geometry Detection. , 2021, , .		1
25	DNN-Assisted Particle-Based Bayesian Joint Synchronization and Localization. IEEE Transactions on Communications, 2022, 70, 4837-4851.	7.8	1
26	Performance Investigation of 2-GBaud QAMs Using Fully-Integrated SiGe Chipset at 240-GHz. , 2020, , .		0