Zhan Xu

List of Publications by Year
in descending order

26 papers	144 citations	1478505 6 h-index	1281871 11 g-index
27 all docs	27 docs citations	27 times ranked	104 citing authors

#	Article	IF	Citations
1	Fault Tolerant Parallel Filters Based on Error Correction Codes. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2015, 23, 384-387.	3.1	32
2	Fault Tolerant Parallel FFTs Using Error Correction Codes and Parseval Checks. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2016, 24, 769-773.	3.1	21
3	LOS/NLOS Channel Identification Technology Based on CNN. , 2019, , .		14
4	Efficient Arithmetic-Residue-Based SEU-Tolerant FIR Filter Design. IEEE Transactions on Circuits and Systems II: Express Briefs, 2013, 60, 497-501.	3.0	13
5	Design and Implementation of Configuration Memory SEU-Tolerant Viterbi Decoders in SRAM-Based FPGAs. IEEE Nanotechnology Magazine, 2019, 18, 691-699.	2.0	12
6	Efficient Coding Schemes for Fault-Tolerant Parallel Filters. IEEE Transactions on Circuits and Systems II: Express Briefs, 2015, 62, 666-670.	3.0	9
7	Modulation Recognition using Wavelet-assisted Convolutional Neural Network. , 2018, , .		8
8	A real-time implementation of CoMP transmission based on cloud-RAN infrastructure. , 2014, , .		6
9	Design of SEU-Tolerant Turbo Decoders Implemented on SRAM-FPGAs. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2020, 28, 2563-2572.	3.1	6
10	Potential transmission choice for Internet of Things (IoT): Wireless and batteryless communications and open problems. China Communications, 2021, 18, 241-249.	3.2	6
11	Modulation scheme recognition using convolutional neural network. Journal of Engineering, 2019, 2019, 9075-9078.	1.1	5
12	Exploring the Performance of Receiver Algorithm in OTFS Based on CNN. , 2022, , .		3
13	Real Time Object Detection Based on FPGA with Big Data. , 2018, , .		2
14	Spatially Asymptotic Behavior of Structured Covariance Matrix Estimation for Massive MIMO. IEEE Communications Letters, 2021, 25, 2594-2598.	4.1	2
15	Analysis of Channel Characteristics Between Satellite and Space Station in Terahertz Band Based on Ray Tracing. Radio Science, 2021, 56, e2021RS007290.	1.6	2
16	Implementation of NRF in the Docker−based NFV platform. Journal of Engineering, 2019, 2019, 8884-8887.	1.1	1
17	A Novel Integer Frequency Offset Estimation Method for OFDM Based on Preamble. , 2021, , .		1
18	OFDM Signal Design Based on Electrode-based Through-the-earth Communication. , 2021, , .		1

#	Article	IF	Citations
19	Effect of nonlinearities in wireless communication with digital receiver. , 2013, , .		0
20	Impact of terminal multi-antenna spacing on spatial variation of performance in distributed antenna systems. , 2014, , .		0
21	Capacity analysis and comparison for cellular systems over different frequency bands. , 2016, , .		0
22	Research and implementation of synchronization for ultra-wide bandwidth receiver within enclosed metal cabin. Cluster Computing, 2019, 22, 5869-5880.	5.0	0
23	Low latency-oriented Reliable Slicing for URLLC services over TDM-PON based Mobile Edge Computing enabled Cloud Radio Access Network. , 2021, , .		0
24	Dynamic adaptive streaming over HTTPâ€based 3D resource allocation algorithm. Journal of Engineering, 2019, 2019, 8888-8890.	1.1	0
25	A Spectrum Sensing Method Based on CNN-LSTM Deep Neural Network. , 2021, , .		0
26	5G Service Architecture Automatic Code Generation. , 2021, , .		0