Zhi Quan

List of Publications by Year
in descending order

29 papers	314 citations	1163117 8 h-index	888059 17 g-index
29 all docs	29 docs citations	29 times ranked	414 citing authors

#	Article	IF	Citations
1	Data-Driven Bandpass Filter Design for Estimating Symbol Rate of Sporadic Signal at Low SNR. IEEE Transactions on Wireless Communications, 2022, 21, 2680-2694.	9.2	1
2	Joint ML/MAP Estimation of the Frequency and Phase of a Single Sinusoid With Wiener Carrier Phase Noise. IEEE Transactions on Signal Processing, 2022, 70, 337-350.	5.3	9
3	Theory and techniques for "intellicise" wireless networks. Frontiers of Information Technology and Electronic Engineering, 2022, 23, 1-4.	2.6	14
4	Online Cognitive Data Sensing and Processing Optimization in Energy-Harvesting Edge Computing Systems. IEEE Transactions on Wireless Communications, 2022, 21, 6611-6626.	9.2	7
5	Efficient DOA Estimation Under Partially Impaired Antenna Array Elements. IEEE Transactions on Vehicular Technology, 2022, 71, 7991-7996.	6.3	6
6	Data-Driven Hybrid Beamforming for Uplink Multi-User MIMO in Mobile Millimeter-Wave Systems. IEEE Transactions on Wireless Communications, 2022, 21, 9341-9350.	9.2	3
7	Cognitive radio networks for green wireless communications: an overview. Telecommunication Systems, 2021, 76, 129-138.	2.5	8
8	Generalized Mutual Information Analysis for BICM-8QAM With Residual Phase Noise. IEEE Communications Letters, 2021, 25, 3819-3823.	4.1	3
9	Data-Driven Beam Tracking for Mobile Millimeter-Wave Communication Systems Without Channel Estimation. IEEE Wireless Communications Letters, 2021, 10, 2747-2751.	5.0	4
10	Quasi-Elliptic Bandpass Frequency Selective Surface Based on Coupled Stubs-Loaded Ring Resonators. IEEE Access, 2020, 8, 113675-113682.	4.2	8
11	Clock Synchronization in Wireless Networks Using Matrix Completion-Based Maximum Likelihood Estimation. IEEE Transactions on Wireless Communications, 2020, 19, 8220-8231.	9.2	4
12	M-APSK Constellation Optimization in the Presence of Phase Reference Error. IEEE Wireless Communications Letters, 2020, 9, 2154-2158.	5.0	3
13	Data-Driven RF Transmit Power Calibration for Wireless Communication Systems. IEEE Wireless Communications Letters, 2020, 9, 721-725.	5.0	7
14	Optimal Linear Cooperation for Signal Classification in Cognitive Communication Networks. IEEE Transactions on Wireless Communications, 2020, 19, 3144-3155.	9.2	1
15	Intelligent Reflecting Surface Enhanced User Cooperation in Wireless Powered Communication Networks. IEEE Wireless Communications Letters, 2020, 9, 901-905.	5.0	81
16	Minimizing Misclassification for Cooperative Spectrum Sensing Using M-Ary Hypothesis Testing. IEEE Transactions on Vehicular Technology, 2019, 68, 8210-8215.	6.3	0
17	Data-Driven Measurement of Receiver Sensitivity in Wireless Communication Systems. IEEE Transactions on Communications, 2019, 67, 3665-3676.	7.8	20
18	On the Outage Probability and Power Control of D2D Underlaying NOMA UAV-Assisted Networks. IEEE Access, 2019, 7, 16525-16536.	4.2	35

#	Article	IF	Citations
19	Online Mutual Coupling Calibration Using a Signal Source at Unknown Location. , 2018, , .		1
20	Joint Power Allocation and Splitting (JoPAS) for SWIPT in Doubly Selective Vehicular Channels. IEEE Transactions on Green Communications and Networking, 2017, 1, 494-502.	5.5	13
21	5G entering into a new era [Guest Editorial]. China Communications, 2017, 14, iv-vi.	3.2	1
22	Robust beamforming against direction-of-arrival mismatch via signal-to-interference-plus-noise ratio maximization. , 2017, , .		6
23	A fast receiver sensitivity identification method for wireless systems. , 2016, , .		4
24	High precision RF transmit power calibration based on recursive least squares estimation. , 2016, , .		2
25	A novel diplexer-based receiver for simultaneous wireless information and power transfer. , 2016, , .		1
26	Optimal linear cooperation for signal classification. , 2016, , .		4
27	Cooperative signal classification using spectral correlation function in cognitive radio networks. , 2016, , .		8
28	Adaptive multi-band resource allocation for wireless power and information transmission. , 2015, , .		3
29	Optimal Spectral Feature Detection for Spectrum Sensing at Very Low SNR. IEEE Transactions on Communications, 2011, 59, 201-212.	7.8	57