Xiaoya Zuo

List of Publications by Year
in descending order

39 papers	133 citations	1937685 4 h-index	1872680 6 g-index
39 all docs	39 docs citations	39 times ranked	127 citing authors

#	Article	IF	Citations
1	Integrated Link-System Level Simulation Platform for the Next Generation WLAN - IEEE 802.11ax. , 2016, , .		22
2	FH-SCMA: Frequency-Hopping Based Sparse Code Multiple Access for Next Generation Internet of Things. , 2017, , .		22
3	MU-FuPlex: A Multiuser Full-Duplex MAC Protocol for the Next Generation Wireless Networks. , 2017, , .		15
4	An OFDMA-based joint reservation and cooperation MAC protocol for the next generation WLAN. Wireless Networks, 2019, 25, 471-485.	3.0	11
5	Deep Learning Aided Signal Detection in OFDM Systems with Time-Varying Channels. , 2019, , .		8
6	Cell capacity for 5G cellular network with inter-beam interference. , 2016, , .		6
7	Performance analysis for 5G beamforming heterogeneous networks. Wireless Networks, 2020, 26, 463-477.	3.0	6
8	Analytical Approximation of the Channel Rate for Massive MIMO System With Large But Finite Number of Antennas. IEEE Access, 2018, 6, 6496-6504.	4.2	5
9	Deep Learning Assisted Channel Estimation Refinement in Uplink OFDM Systems Under Time-Varying Channels. , 2021, , .		5
10	Ultra wideband technology for Micro Air Vehicles data links systems. , 2008, , .		4
11	Symbol separation and beamforming to improve secure transmission in multiâ€untrusted relay networks. Electronics Letters, 2018, 54, 252-254.	1.0	4
12	Outage analysis for 5G beamforming heterogeneous networks. , 2016, , .		3
13	Fairness Oriented MAC Protocol for the Next Generation WLAN. , 2017, , .		3
14	Load Balanced User Grouping Scheme for Multibeam Multicast Satellite Communication. , 2018, , .		3
15	Fair downlink traffic scheduling for energy sustainable vehicular roadside infrastructure. , 2014, , .		2
16	Secrecy Energy Efficiency Maximization in a NOMA System. , 2019, , .		2
17	Low pilot overhead channel estimation for CPâ€OFDMâ€based massive MIMO OTFS system. IET Communications, 2022, 16, 1071-1082.	2.2	2
18	MAC protocol framework for 5G mmWave backhaul network. , 2016, , .		1

#	Article	IF	Citations
19	AJRC-MAC: An ALOHA-Based Joint Reservation and Cooperation MAC for Dense Wireless Networks. , 2017, , .		1
20	Beam coordinated multi-points transmission for 5G millimeter-wave network. , 2017, , .		1
21	Improved ZF-like Intra-Tier Precoder for A VFDM Based Two-Tier System. , 2018, , .		1
22	Physical Layer Security and Spectral Efficiency Augmentation of Quadrature Spatial Modulation Using Layered Architecture. , 2019, , .		1
23	A Shifted Constellation of QPSK: Constellation Design and Dynamic Demodulation Threshold Optimization¶. , 2019, , .		1
24	A Spectrum Efficient Constellation to Simultaneously Transmit Information and Synchronization Sequence. IEEE Access, 2020, 8, 95442-95456.	4.2	1
25	Secure Precoding Scheme for Full-Duplex MIMO Untrusted Relay Network with Energy Harvesting. , 2020, , .		1
26	One-Step Backtracking Algorithm Based on Viterbi Algorithm in GMSK Demodulation. , 2020, , .		1
27	Power Allocation Strategy of Untrusted Relay Network Based on Stackelberg Game. , 2021, , .		1
28	Indoor channel measurements and capacity evaluation with directional antennas. , 2014, , .		0
29	The neighbor channel sensing capability for wireless networks. , 2016, , .		0
30	Optimized Time Splitting to Maximize Rate in An Interference Alignment Based Network. , 2018, , .		0
31	Robust MMSE Based Intra-Tier precoding Design for A VFDM System. , 2018, , .		0
32	A robust demodulation method based on signal intensity in wireless laser communications. , 2018, , .		0
33	Untrusted Relay Selection and Secure Transmission Optimization Based on Stackelberg Game. , 2021, , .		0
34	Deep Learning Assisted Relay Matching in Multi-user Pair and Multi-relay Untrusted Networks. , 2021, , .		0
35	Indoor Channel Characterization and Performance Evaluation with Directional Antenna and Multiple Beam Combining. IEICE Transactions on Communications, 2016, E99.B, 104-114.	0.7	0
36	Intelligent Modulation Pattern Recognition Based on Wavelet Approximate Coefficient Entropy in Cognitive Radio Networks. IEEE Access, 2020, 8, 226176-226187.	4.2	0

#	Article	IF	Citations
37	User Pair-Relay Matching in a Multiple User Pair and Multiple Untrusted Relay Network*. , 2020, , .		0
38	Deep Learning Aided Power Allocation in An Energy Harvesting Untrusted Relay Network. , 2020, , .		0
39	Power Allocation Method Based on Two-Stage Stackelberg Game in Wireless Networks. , 2021, , .		0