

# Xiaoya Zuo

## List of Publications by Year in descending order

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39  
papers

133  
citations

1937685

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1872680

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all docs

39  
docs citations

39  
times ranked

127  
citing authors

#	ARTICLE	IF	CITATIONS
1	Low pilot overhead channel estimation for CP-OFDM-based massive MIMO OTFS system. IET Communications, 2022, 16, 1071-1082.	2.2	2
2	Untrusted Relay Selection and Secure Transmission Optimization Based on Stackelberg Game. , 2021, , .		0
3	Deep Learning Assisted Relay Matching in Multi-user Pair and Multi-relay Untrusted Networks. , 2021, , .		0
4	Deep Learning Assisted Channel Estimation Refinement in Uplink OFDM Systems Under Time-Varying Channels. , 2021, , .		5
5	Power Allocation Strategy of Untrusted Relay Network Based on Stackelberg Game. , 2021, , .		1
6	Power Allocation Method Based on Two-Stage Stackelberg Game in Wireless Networks. , 2021, , .		0
7	Performance analysis for 5G beamforming heterogeneous networks. Wireless Networks, 2020, 26, 463-477.	3.0	6
8	A Spectrum Efficient Constellation to Simultaneously Transmit Information and Synchronization Sequence. IEEE Access, 2020, 8, 95442-95456.	4.2	1
9	Secure Precoding Scheme for Full-Duplex MIMO Untrusted Relay Network with Energy Harvesting. , 2020, , .		1
10	One-Step Backtracking Algorithm Based on Viterbi Algorithm in GMSK Demodulation. , 2020, , .		1
11	Intelligent Modulation Pattern Recognition Based on Wavelet Approximate Coefficient Entropy in Cognitive Radio Networks. IEEE Access, 2020, 8, 226176-226187.	4.2	0
12	User Pair-Relay Matching in a Multiple User Pair and Multiple Untrusted Relay Network*. , 2020, , .		0
13	Deep Learning Aided Power Allocation in An Energy Harvesting Untrusted Relay Network. , 2020, , .		0
14	Physical Layer Security and Spectral Efficiency Augmentation of Quadrature Spatial Modulation Using Layered Architecture. , 2019, , .		1
15	Deep Learning Aided Signal Detection in OFDM Systems with Time-Varying Channels. , 2019, , .		8
16	A Shifted Constellation of QPSK: Constellation Design and Dynamic Demodulation Threshold Optimization. , 2019, , .		1
17	Secrecy Energy Efficiency Maximization in a NOMA System. , 2019, , .		2
18	An OFDMA-based joint reservation and cooperation MAC protocol for the next generation WLAN. Wireless Networks, 2019, 25, 471-485.	3.0	11

#	ARTICLE	IF	CITATIONS
19	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
20	Symbol separation and beamforming to improve secure transmission in multi-€untrusted relay networks. Electronics Letters, 2018, 54, 252-254.	1.0	4
21	Optimized Time Splitting to Maximize Rate in An Interference Alignment Based Network. , 2018, , .		0
22	Load Balanced User Grouping Scheme for Multibeam Multicast Satellite Communication. , 2018, , .		3
23	Robust MMSE Based Intra-Tier precoding Design for A VFDM System. , 2018, , .		0
24	Improved ZF-like Intra-Tier Precoder for A VFDM Based Two-Tier System. , 2018, , .		1
25	A robust demodulation method based on signal intensity in wireless laser communications. , 2018, , .		0
26	FH-SCMA: Frequency-Hopping Based Sparse Code Multiple Access for Next Generation Internet of Things. , 2017, , .		22
27	Fairness Oriented MAC Protocol for the Next Generation WLAN. , 2017, , .		3
28	MU-FuPlex: A Multiuser Full-Duplex MAC Protocol for the Next Generation Wireless Networks. , 2017, , .		15
29	AJRC-MAC: An ALOHA-Based Joint Reservation and Cooperation MAC for Dense Wireless Networks. , 2017, , .		1
30	Beam coordinated multi-points transmission for 5G millimeter-wave network. , 2017, , .		1
31	The neighbor channel sensing capability for wireless networks. , 2016, , .		0
32	Integrated Link-System Level Simulation Platform for the Next Generation WLAN - IEEE 802.11ax. , 2016, , .		22
33	Outage analysis for 5G beamforming heterogeneous networks. , 2016, , .		3
34	MAC protocol framework for 5G mmWave backhaul network. , 2016, , .		1
35	Cell capacity for 5G cellular network with inter-beam interference. , 2016, , .		6
36	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

#	ARTICLE	IF	CITATIONS
37	Indoor channel measurements and capacity evaluation with directional antennas. , 2014, , .		0
38	Fair downlink traffic scheduling for energy sustainable vehicular roadside infrastructure. , 2014, , .		2
39	Ultra wideband technology for Micro Air Vehicles data links systems. , 2008, , .		4