Qiang Sun

List of Publications by Year
in descending order

29 papers	435 citations	840776 11 h-index	713466 21 g-index
29 all docs	29 docs citations	29 times ranked	409 citing authors

#	Article	IF	Citations
1	Physical Layer Security for RIS-Aided Wireless Communications With Uncertain Eavesdropper Distributions. IEEE Systems Journal, 2023, 17, 848-859.	4.6	16
2	Ergodic Capacity of Intelligent Omni-Surface-Aided Communication Systems With Phase Quantization Errors and Outdated CSI. IEEE Systems Journal, 2023, 17, 1889-1898.	4.6	3
3	Performance Analysis and Optimization of NOMA-Based Cell-Free Massive MIMO for IoT. IEEE Internet of Things Journal, 2022, 9, 9625-9639.	8.7	16
4	Performance Analysis of Dual-Hop RF/FSO Relaying Systems With Imperfect CSI. IEEE Transactions on Vehicular Technology, 2022, 71, 4965-4976.	6.3	9
5	Deep Learning-Based Joint CSI Feedback and Hybrid Precoding in FDD mmWave Massive MIMO Systems. Entropy, 2022, 24, 441.	2.2	8
6	A hybrid CNN-Transformer model for ozone concentration prediction. Air Quality, Atmosphere and Health, 2022, 15, 1533-1546.	3.3	17
7	Cell-Free Massive MIMO with Energy-Efficient Downlink Operation in Industrial IoT. Mathematics, 2022, 10, 1687.	2.2	4
8	Scalable Cell-Free Massive MIMO with Multiple CPUs. Mathematics, 2022, 10, 1900.	2.2	2
9	Ergodic capacity analysis of multiple IRS–aided dual–hop DF relaying system. IET Communications, 2022, 16, 1973-1981.	2.2	1
10	A hybrid deep learning model with multi-source data for PM2.5 concentration forecast. Air Quality, Atmosphere and Health, 2021, 14, 503-513.	3.3	9
11	Ergodic Rate Analysis and IRS Configuration for Multi-IRS Dual-Hop DF Relaying Systems. IEEE Communications Letters, 2021, 25, 3224-3228.	4.1	19
12	Performance Analysis of Dual-Hop Wireless Systems Over Mixed FSO/RF Fading Channel. IEEE Access, 2021, 9, 85529-85542.	4.2	19
13	A Semidynamic Bidirectional Clustering Algorithm for Downlink Cell-Free Massive Distributed Antenna System. Wireless Communications and Mobile Computing, 2021, 2021, 1-11.	1.2	1
14	Deep Learning Methods for Heart Sounds Classification: A Systematic Review. Entropy, 2021, 23, 667.	2.2	58
15	Physical Layer Security Enhancement With Reconfigurable Intelligent Surface-Aided Networks. IEEE Transactions on Information Forensics and Security, 2021, 16, 3480-3495.	6.9	50
16	A NOVEL DEEP LEARNING NEURAL NETWORK SYSTEM FOR IMBALANCED HEART SOUNDS CLASSIFICATION. Journal of Mechanics in Medicine and Biology, 2021, 21, .	0.7	1
17	Data-Limited Modulation Classification With a CVAE-Enhanced Learning Model. IEEE Communications Letters, 2020, 24, 2191-2195.	4.1	8
18	Location-Based MIMO-NOMA: Multiple Access Regions and Low-Complexity User Pairing. IEEE Transactions on Communications, 2020, 68, 2293-2307.	7.8	17

#	ARTICLE	IF	CITATIONS
19	Modulation recognition in maritime multipath channels: A blind equalization-aided deep learning approach. China Communications, 2020, 17, 12-25.	3.2	14
20	CNNâ€‌based CSI acquisition for FDD massive MIMO with noisy feedback. Electronics Letters, 2019, 55, 963-965.	1.0	5
21	A Stochastic Ray-Tracing Approach for Maritime Line-of-Sight Channel Modeling. , 2019, , .		0
22	Phonocardiogram Classification Using Deep Convolutional Neural Networks with Majority Vote Strategy. Journal of Medical Imaging and Health Informatics, 2019, 9, 1692-1704.	0.3	5
23	Computationally Efficient Blind CFO Estimation for Massive MIMO Uplink. IEEE Transactions on Vehicular Technology, 2018, 67, 7795-7799.	6.3	7
24	New Results on the Fluctuating Two-Ray Model With Arbitrary Fading Parameters and Its Applications. IEEE Transactions on Vehicular Technology, 2018, 67, 2766-2770.	6.3	80
25	Group Zero-Forcing for Dense Small Cell Network With Static Pilot Reuse. IEEE Wireless Communications Letters, 2017, 6, 734-737.	5.0	2
26	Downlink massive distributed antenna systems scheduling. IET Communications, 2015, 9, 1006-1016.	2.2	58
27	Joint power allocation and antenna selection for energy-efficient OFDM D-MIMO systems. , 2014, , .		2
28	User Scheduling Algorithms for Downlink MU-MIMO System Based on the SCSI. IEICE Transactions on Communications, 2013, E96.B, 651-655.	0.7	4
29	On downlink coordinated scheduling for inter-cell interference alleviation with inter-BS cooperation. , 2012, , .		0