

Qiang Sun

List of Publications by Year in descending order

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409
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Downlink massive distributed antenna systems scheduling. IET Communications, 2015, 9, 1006-1016.	2.2	58
3	Deep Learning Methods for Heart Sounds Classification: A Systematic Review. Entropy, 2021, 23, 667.	2.2	58
4	Physical Layer Security Enhancement With Reconfigurable Intelligent Surface-Aided Networks. IEEE Transactions on Information Forensics and Security, 2021, 16, 3480-3495.	6.9	50
5	Ergodic Rate Analysis and IRS Configuration for Multi-IRS Dual-Hop DF Relaying Systems. IEEE Communications Letters, 2021, 25, 3224-3228.	4.1	19
6	Performance Analysis of Dual-Hop Wireless Systems Over Mixed FSO/RF Fading Channel. IEEE Access, 2021, 9, 85529-85542.	4.2	19
7	Location-Based MIMO-NOMA: Multiple Access Regions and Low-Complexity User Pairing. IEEE Transactions on Communications, 2020, 68, 2293-2307.	7.8	17
8	A hybrid CNN-Transformer model for ozone concentration prediction. Air Quality, Atmosphere and Health, 2022, 15, 1533-1546.	3.3	17
9	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
10	Physical Layer Security for RIS-Aided Wireless Communications With Uncertain Eavesdropper Distributions. IEEE Systems Journal, 2023, 17, 848-859.	4.6	16
11	Modulation recognition in maritime multipath channels: A blind equalization-aided deep learning approach. China Communications, 2020, 17, 12-25.	3.2	14
12	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
13	Performance Analysis of Dual-Hop RF/FSO Relaying Systems With Imperfect CSI. IEEE Transactions on Vehicular Technology, 2022, 71, 4965-4976.	6.3	9
14	Data-Limited Modulation Classification With a CVAE-Enhanced Learning Model. IEEE Communications Letters, 2020, 24, 2191-2195.	4.1	8
15	Deep Learning-Based Joint CSI Feedback and Hybrid Precoding in FDD mmWave Massive MIMO Systems. Entropy, 2022, 24, 441.	2.2	8
16	Computationally Efficient Blind CFO Estimation for Massive MIMO Uplink. IEEE Transactions on Vehicular Technology, 2018, 67, 7795-7799.	6.3	7
17	CNN-based CSI acquisition for FDD massive MIMO with noisy feedback. Electronics Letters, 2019, 55, 963-965.	1.0	5
18	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

#	ARTICLE	IF	CITATIONS
19	User Scheduling Algorithms for Downlink MU-MIMO System Based on the SCS. IEICE Transactions on Communications, 2013, E96.B, 651-655.	0.7	4
20	Cell-Free Massive MIMO with Energy-Efficient Downlink Operation in Industrial IoT. Mathematics, 2022, 10, 1687.	2.2	4
21	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
22	Joint power allocation and antenna selection for energy-efficient OFDM D-MIMO systems. , 2014, , .		2
23	Group Zero-Forcing for Dense Small Cell Network With Static Pilot Reuse. IEEE Wireless Communications Letters, 2017, 6, 734-737.	5.0	2
24	Scalable Cell-Free Massive MIMO with Multiple CPUs. Mathematics, 2022, 10, 1900.	2.2	2
25	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
26	A NOVEL DEEP LEARNING NEURAL NETWORK SYSTEM FOR IMBALANCED HEART SOUNDS CLASSIFICATION. Journal of Mechanics in Medicine and Biology, 2021, 21, .	0.7	1
27	Ergodic capacity analysis of multiple IRS-aided hop DF relaying system. IET Communications, 2022, 16, 1973-1981.	2.2	1
28	On downlink coordinated scheduling for inter-cell interference alleviation with inter-BS cooperation. , 2012, , .		0
29	A Stochastic Ray-Tracing Approach for Maritime Line-of-Sight Channel Modeling. , 2019, , .		0