

Jiaxon Lu

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

429
citations

1040056

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25
docs citations

25
times ranked

516
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward Big Data Processing in IoT: Path Planning and Resource Management of UAV Base Stations in Mobile-Edge Computing System. IEEE Internet of Things Journal, 2020, 7, 5995-6009.	8.7	81
2	Beyond Empirical Models: Pattern Formation Driven Placement of UAV Base Stations. IEEE Transactions on Wireless Communications, 2018, 17, 3641-3655.	9.2	53
3	Energy-Efficient 3D UAV-BS Placement versus Mobile Users' Density and Circuit Power. , 2017, , .		35
4	Massive MIMO Beamforming With Transmit Diversity for High Mobility Wireless Communications. IEEE Access, 2017, 5, 23032-23045.	4.2	31
5	To Smart City: Public Safety Network Design for Emergency. IEEE Access, 2018, 6, 1451-1460.	4.2	31
6	Smart Channel Sounder for 5G IoT: From Wireless Big Data to Active Communication. IEEE Access, 2016, 4, 8888-8899.	4.2	28
7	Directivity-Beamwidth Tradeoff of Massive MIMO Uplink Beamforming for High Speed Train Communication. IEEE Access, 2017, 5, 5936-5946.	4.2	28
8	Convergence Analysis and System Design for Federated Learning Over Wireless Networks. IEEE Journal on Selected Areas in Communications, 2021, 39, 3622-3639.	14.0	24
9	Location-Aware ICI Reduction in MIMO-OFDM Downlinks for High-Speed Railway Communication Systems. IEEE Transactions on Vehicular Technology, 2018, 67, 2958-2972.	6.3	20
10	Message Importance Measure and Its Application to Minority Subset Detection in Big Data. , 2016, , .		17
11	Location-Aware Low Complexity ICI Reduction in OFDM Downlinks for High-Speed Railway Communication Systems with Distributed Antennas. , 2016, , .		12
12	Location-Aided Umbrella-Shaped Massive MIMO Beamforming Scheme with Transmit Diversity for High Speed Railway Communications. , 2016, , .		11
13	Semi-centralized control for multi robot formation. , 2017, , .		11
14	Toward Traffic Patterns in High-Speed Railway Communication Systems: Power Allocation and Access Selection. IEEE Transactions on Vehicular Technology, 2018, 67, 12273-12287.	6.3	9
15	Differential services in HSR communication systems: Power allocation and antenna selection. , 2017, , .		6
16	Minor Probability Eventsâ€™ Detection in Big Data: An Integrated Approach With Bayes Detection and MIM. IEEE Communications Letters, 2019, 23, 418-421.	4.1	6
17	General hardware framework of Nakagami m parameter estimator for wireless fading channel. , 2015, , .		5
18	Precoding with adaptive subcarrier grouping in MIMO-OFDM systems. , 2014, , .		4

#	ARTICLE	IF	CITATIONS
19	Progressively Balanced Supervised Contrastive Representation Learning for Long-Tailed Fault Diagnosis. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-12.	4.7	4
20	Subcarrier grouping with environmental sensing for MIMO-OFDM systems over correlated double-selective fading channels. Wireless Communications and Mobile Computing, 2016, 16, 2677-2689.	1.2	3
21	Non-parametric message important measure: Compressed storage design for big data in wireless communication systems. , 2017, , .		3
22	Information Theory in Formation Control: An Error Analysis to Multi-Robot Formation. Entropy, 2018, 20, 618.	2.2	3
23	Towards Big Data Processing in IoT: Network Management for Online Edge Data Processing. , 2019, , .		3
24	Imbalanced Fault Diagnosis by Supervised Contrastive Learning. , 2022, , .		1
25	Big Data Viewpoint On Channel Information Measures Based on ACE Algorithm. , 2018, , .		0