

Tong Bai

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

871
citations

759233

12
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

893
citing authors

#	ARTICLE	IF	CITATIONS
1	Latency Minimization for Intelligent Reflecting Surface Aided Mobile Edge Computing. IEEE Journal on Selected Areas in Communications, 2020, 38, 2666-2682.	14.0	305
2	Energy-Efficient Computation Offloading for Secure UAV-Edge-Computing Systems. IEEE Transactions on Vehicular Technology, 2019, 68, 6074-6087.	6.3	180
3	Resource Allocation for Intelligent Reflecting Surface Aided Wireless Powered Mobile Edge Computing in OFDM Systems. IEEE Transactions on Wireless Communications, 2021, 20, 5389-5407.	9.2	103
4	Resource Allocation for NOMA-MEC Systems in Ultra-Dense Networks: A Learning Aided Mean-Field Game Approach. IEEE Transactions on Wireless Communications, 2021, 20, 1487-1500.	9.2	42
5	Adaptive Coherent/Non-Coherent Spatial Modulation Aided Unmanned Aircraft Systems. IEEE Wireless Communications, 2019, 26, 170-177.	9.0	34
6	Joint Power Allocation for the Multi-User NOMA-Downlink in a Power-Line-Fed VLC Network. IEEE Transactions on Vehicular Technology, 2019, 68, 5185-5190.	6.3	32
7	Reconfigurable Intelligent Surface Aided Mobile Edge Computing. IEEE Wireless Communications, 2021, 28, 80-86.	9.0	26
8	Adaptive Coherent/Non-Coherent Single/Multiple-Antenna Aided Channel Coded Ground-to-Air Aeronautical Communication. IEEE Transactions on Communications, 2019, 67, 1099-1116.	7.8	25
9	Fifty Years of Noise Modeling and Mitigation in Power-Line Communications. IEEE Communications Surveys and Tutorials, 2021, 23, 41-69.	39.4	23
10	Reconfigurable Intelligent Surface Assisted Multi-Carrier Wireless Systems for Doubly Selective High-Mobility Ricean Channels. IEEE Transactions on Vehicular Technology, 2022, 71, 4023-4041.	6.3	21
11	Discrete Multi-Tone Digital Subscriber Loop Performance in the Face of Impulsive Noise. IEEE Access, 2017, 5, 10478-10495.	4.2	18
12	Dynamic Aerial Base Station Placement for Minimum-Delay Communications. IEEE Internet of Things Journal, 2021, 8, 1623-1635.	8.7	17
13	Constant-Envelope Space-Time Shift Keying. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 1387-1402.	10.8	11
14	Impulsive Noise Mitigation in Digital Subscriber Lines: The State-of-the-Art and Research Opportunities. IEEE Communications Magazine, 2019, 57, 145-151.	6.1	9
15	Performance of HARQ-Assisted OFDM Systems Contaminated by Impulsive Noise: Finite-Length LDPC Code Analysis. IEEE Access, 2019, 7, 14112-14123.	4.2	7
16	Far-End Crosstalk Mitigation for Future Wireline Networks Beyond G.mgfast: A Survey and an Outlook. IEEE Access, 2020, 8, 9998-10039.	4.2	6
17	Learning-Aided Resource Allocation for Pattern Division Multiple Access-Based SWIPT Systems. IEEE Wireless Communications Letters, 2021, 10, 131-135.	5.0	6
18	Joint Impulsive Noise Estimation and Data Detection Conceived for LDPC-Coded DMT-Based DSL Systems. IEEE Access, 2017, 5, 23133-23145.	4.2	5

#	ARTICLE	IF	CITATIONS
19	Big Data Driven Oriented Graph Theory Aided tagSNPs Selection for Genetic Precision Therapy. IEEE Access, 2019, 7, 3746-3754.	4.2	1
20	Energy Efficient Transmission Based on Grouped Spatial Modulation for Upstream DSL Systems. IEEE Access, 2019, 7, 88312-88326.	4.2	0