

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 | 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 |
| 2 | Dynamic Aerial Base Station Placement for Minimum-Delay Communications. IEEE Internet of Things Journal, 2021, 8, 1623-1635. | 8.7 | 17 |
| 3 | Fifty Years of Noise Modeling and Mitigation in Power-Line Communications. IEEE Communications Surveys and Tutorials, 2021, 23, 41-69. | 39.4 | 23 |
| 4 | Learning-Aided Resource Allocation for Pattern Division Multiple Access-Based SWIPT Systems. IEEE Wireless Communications Letters, 2021, 10, 131-135. | 5.0 | 6 |
| 5 | 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 |
| 6 | 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 |
| 7 | Reconfigurable Intelligent Surface Aided Mobile Edge Computing. IEEE Wireless Communications, 2021, 28, 80-86. | 9.0 | 26 |
| 8 | Latency Minimization for Intelligent Reflecting Surface Aided Mobile Edge Computing. IEEE Journal on Selected Areas in Communications, 2020, 38, 2666-2682. | 14.0 | 305 |
| 9 | 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 |
| 10 | Adaptive Coherent/Non-Coherent Spatial Modulation Aided Unmanned Aircraft Systems. IEEE Wireless Communications, 2019, 26, 170-177. | 9.0 | 34 |
| 11 | Energy Efficient Transmission Based on Grouped Spatial Modulation for Upstream DSL Systems. IEEE Access, 2019, 7, 88312-88326. | 4.2 | 0 |
| 12 | Constant-Envelope Space-Time Shift Keying. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 1387-1402. | 10.8 | 11 |
| 13 | 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 |
| 14 | Energy-Efficient Computation Offloading for Secure UAV-Edge-Computing Systems. IEEE Transactions on Vehicular Technology, 2019, 68, 6074-6087. | 6.3 | 180 |
| 15 | 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 |
| 16 | Performance of HARQ-Assisted OFDM Systems Contaminated by Impulsive Noise: Finite-Length LDPC Code Analysis. IEEE Access, 2019, 7, 14112-14123. | 4.2 | 7 |
| 17 | Big Data Driven Oriented Graph Theory Aided tagSNPs Selection for Genetic Precision Therapy. IEEE Access, 2019, 7, 3746-3754. | 4.2 | 1 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Discrete Multi-Tone Digital Subscriber Loop Performance in the Face of Impulsive Noise. IEEE Access, 2017, 5, 10478-10495. | 4.2 | 18 |
| 20 | Joint Impulsive Noise Estimation and Data Detection Conceived for LDPC-Coded DMT-Based DSL Systems. IEEE Access, 2017, 5, 23133-23145. | 4.2 | 5 |