

Michael Mao Wang

List of Publications by Year in descending order

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31
papers

1,390
citations

686830

13
h-index

580395

25
g-index

33
all docs

33
docs citations

33
times ranked

1089
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards 6G wireless communication networks: vision, enabling technologies, and new paradigm shifts. Science China Information Sciences, 2021, 64, 1.	2.7	858
2	Maritime Internet of Things: Challenges and Solutions. IEEE Wireless Communications, 2020, 27, 188-196.	6.6	70
3	Analysis of the Frequency Offset Effect on Zadoff-Chu Sequence Timing Performance. IEEE Transactions on Communications, 2014, 62, 4024-4039.	4.9	55
4	Stochastic Congestion Game for Load Balancing in Mobile-Edge Computing. IEEE Internet of Things Journal, 2021, 8, 778-790.	5.5	42
5	Machine-Type Communication for <i>Maritime</i> Internet of Things: A Design. IEEE Communications Surveys and Tutorials, 2020, 22, 2550-2585.	24.8	41
6	LTE on License-Exempt Spectrum. IEEE Communications Surveys and Tutorials, 2018, 20, 647-673.	24.8	40
7	Analysis of the Frequency Offset Effect on Random Access Signals. IEEE Transactions on Communications, 2013, 61, 4728-4740.	4.9	38
8	Satellite Machine-Type Communication for Maritime Internet of Things: An Interference Perspective. IEEE Access, 2019, 7, 76404-76415.	2.6	35
9	Cellular machine-type communications: physical challenges and solutions. IEEE Wireless Communications, 2016, 23, 126-135.	6.6	24
10	<i>Maritime</i> IoT: An Architectural and Radio Spectrum Perspective. IEEE Access, 2020, 8, 93109-93122.	2.6	24
11	An Efficient Power Allocation Scheme for Leakage-Based Precoding in Multi-Cell Multiuser MIMO Downlink. IEEE Communications Letters, 2011, 15, 1053-1055.	2.5	23
12	Centralized Resource Allocation and Distributed Power Control for NOMA-Integrated NR V2X. IEEE Internet of Things Journal, 2021, 8, 16522-16534.	5.5	20
13	On Reliability Bound and Improvement of Sensing-Based Semipersistent Scheduling in LTE-V2X. IEEE Internet of Things Journal, 2021, 8, 6101-6113.	5.5	17
14	MIMO Precoding Using Rotating Codebooks. IEEE Transactions on Vehicular Technology, 2011, 60, 1222-1227.	3.9	13
15	Load Balancing for Distributed Intelligent Edge Computing: A State-Based Game Approach. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 1066-1077.	4.9	13
16	ML integer frequency offset estimation for OFDM systems with null subcarriers: Estimation range and pilot design. Science China Information Sciences, 2010, 53, 2567-2575.	2.7	10
17	Relay Selection Schemes for Precoded Cooperative OFDM and Their Achievable Diversity Orders. IEEE Signal Processing Letters, 2011, 18, 231-234.	2.1	10
18	Multi-User MIMO with Limited Feedback Using Alternating Codebooks. IEEE Transactions on Communications, 2012, 60, 333-338.	4.9	10

#	ARTICLE	IF	CITATIONS
19	High-sum-rate beamformers for multi-pair two-way relay networks with amplify-and-forward relaying strategy. Science China Information Sciences, 2014, 57, 1-11.	2.7	8
20	Robust Synchronization Waveform Design for Massive IoT. IEEE Transactions on Wireless Communications, 2017, 16, 7551-7559.	6.1	8
21	An efficient sparse channel estimator combining time-domain LS and iterative shrinkage for OFDM systems with IQ-imbalances. Science China Information Sciences, 2012, 55, 2604-2610.	2.7	7
22	Practical Synchronization Waveform for Massive Machine-Type Communications. IEEE Transactions on Communications, 2019, 67, 1467-1479.	4.9	5
23	QoS Optimization for Mobile Ad Hoc Cloud: A Multi-Agent Independent Learning Approach. IEEE Transactions on Vehicular Technology, 2022, 71, 1077-1082.	3.9	5
24	A Minimum-Complexity High-Performance Channel Estimator for MIMO-OFDM Communications. IEEE Transactions on Vehicular Technology, 2010, 59, 4634-4639.	3.9	4
25	Kalman Filter Based Precoding Approach for Inter-Beam Interference Cancellation in Maritime MTC Satellite. , 2021, , .		4
26	Resource allocation for cellular device-to-device aided vehicle-to-everything networks with partial channel state information. Transactions on Emerging Telecommunications Technologies, 2022, 33, .	2.6	4
27	Applying NOMA to NR V2X: A Graph-based Matching and Cooperative Game Approach. , 2021, , .		1
28	Multi-user Stochastic Game for Utility Optimization in Mobile Ad Hoc Cloud. , 2021, , .		1
29	QoS Optimization for Distributed Edge Computing System: A Multi-agent State-based Learning Approach. , 2021, , .		0
30	System Architecture. Wireless Networks, 2021, , 17-34.	0.3	0
31	High-Reliability and Low-Energy Sensor Sharing in Vehicle Platoon Based on Multihop Millimeter-Wave Communication. IEEE Internet of Things Journal, 2022, 9, 18514-18526.	5.5	0