

Tao Zheng

List of Publications by Year in descending order

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29
papers

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1163117

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29
docs citations

29
times ranked

502
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancing Vehicular Communication Using 5G-Enabled Smart Collaborative Networking. IEEE Wireless Communications, 2017, 24, 72-79.	9.0	65
2	WirArb: A New MAC Protocol for Time Critical Industrial Wireless Sensor Network Applications. IEEE Sensors Journal, 2016, 16, 2127-2139.	4.7	58
3	Joint Optimization of Computation Offloading and Task Scheduling in Vehicular Edge Computing Networks. IEEE Access, 2020, 8, 10466-10477.	4.2	57
4	Joint communication and computing resource allocation in vehicular edge computing. International Journal of Distributed Sensor Networks, 2019, 15, 155014771983785.	2.2	32
5	SVCC-HSR: Providing Secure Vehicular Cloud Computing for Intelligent High-Speed Rail. IEEE Network, 2018, 32, 64-71.	6.9	21
6	An Adaptive Multipath Algorithm to Overcome the Unpredictability of Heterogeneous Wireless Networks for High-Speed Railway. IEEE Transactions on Vehicular Technology, 2018, 67, 11332-11344.	6.3	15
7	BNNC: Improving Performance of Multipath Transmission in Heterogeneous Vehicular Networks. IEEE Access, 2019, 7, 158113-158125.	4.2	14
8	Fuzzy and Utility Based Network Selection for Heterogeneous Networks in High-Speed Railway. Wireless Communications and Mobile Computing, 2017, 2017, 1-14.	1.2	13
9	Issues of Trust Management for Mobile Wireless Sensor Networks. , 2011, , .		8
10	A Bignum Network Coding Scheme for Multipath Transmission in Vehicular Networks. , 2018, , .		8
11	Comprehensive Analysis on Heterogeneous Wireless Network in High-Speed Scenarios. Wireless Communications and Mobile Computing, 2018, 2018, 1-12.	1.2	8
12	A self-configurable power control algorithm for cognitive radio-based industrial wireless sensor networks with interference constraints. , 2012, , .		7
13	Congestion Game With Link Failures for Network Selection in High-Speed Vehicular Networks. IEEE Access, 2018, 6, 76165-76175.	4.2	7
14	Improving bandwidth utilization by compressing small-payload traffic for vehicular networks. International Journal of Distributed Sensor Networks, 2019, 15, 155014771984305.	2.2	5
15	Improved Gradient-Based Micro Sensor Routing Protocol with Node Sleep Scheduling in Wireless Sensor Networks. , 2010, , .		4
16	An Adaptive Network Coding Scheme for Multipath Transmission in Cellular-Based Vehicular Networks. Sensors, 2020, 20, 5902.	3.8	4
17	SmartSec: A Smart Security Mechanism for the New-Flow Attack in Software-Defined Networking. , 2017, , .		3
18	Fuzzy Multi-Attribute Utility Based Network Selection Approach for High-Speed Railway Scenario. , 2017, , .		3

#	ARTICLE	IF	CITATIONS
19	A general multi-sensor node in wireless sensor networks. , 2009, , .		2
20	Issues of routing protocol for Wireless Industrial Sensor Networks. , 2012, , .		2
21	An Adaptive Bitrate Control Algorithm for Real-Time Streaming Media Transmission in High-Speed Railway Networks. , 2018, , .		2
22	Deterministic medium access mechanism for time-critical wireless sensor network applications. , 2013, , .		1
23	An Adaptive Cooperative Transmission Algorithm for Multi-stream in Heterogeneous Multipath Networks. , 2018, , .		1
24	DDGS: A Network Coding Scheme for Dynamic Adaptation to Heterogeneous Vehicular Networks. Wireless Communications and Mobile Computing, 2021, 2021, 1-12.	1.2	1
25	A Bottleneck-Aware Multipath Scheduling Mechanism for Social Networks. , 2021, , .		1
26	Research and development of universal dialing method for smart cooperative router. , 2020, , .		0
27	An Efficient Network Coding Scheme for Heterogeneous Wireless Networks. , 2020, , .		0
28	A Preliminary Prototype Based on Biological Mimicry for Hardware Data Acquisition. , 2021, , .		0
29	An Adaptive Cooperative Transmission Algorithm for Multi-stream in Heterogeneous Multipath Networks. , 2018, , .		0