Jun Zheng

List of Publications by Year
in descending order

35 papers	**551** citations	759233 **12** h-index	677142 **22** g-index
36 all docs	**36** docs citations	**36** times ranked	**619** citing authors

#	Article	IF	Citations
1	Performance Modeling and Analysis of the IEEE 802.11p EDCA Mechanism for VANET. IEEE Transactions on Vehicular Technology, 2016, 65, 2673-2687.	6.3	97
2	Delivery Delay Analysis for Roadside Unit Deployment in Vehicular Ad Hoc Networks With Intermittent Connectivity. IEEE Transactions on Vehicular Technology, 2016, 65, 8591-8602.	6.3	60
3	Performance modeling and analysis of IEEE 802.11 DCF based fair channel access for vehicle-to-roadside communication in a non-saturated state. Wireless Networks, 2015, 21, 1-11.	3.0	52
4	AUV-Aided Localization of Underwater Acoustic Devices Based on Doppler Shift Measurements. IEEE Transactions on Wireless Communications, 2020, 19, 2226-2239.	9.2	39
5	UAV Trajectory Optimization for Time-Constrained Data Collection in UAV-Enabled Environmental Monitoring Systems. IEEE Internet of Things Journal, 2022, 9, 24300-24314.	8.7	30
6	A Capacity Oriented Resource Allocation algorithm for device-to-device communication in mobile cellular networks. , 2014, , .		23
7	An adaptive channel access mechanism for LTE-U and WiFi coexistence in an unlicensed spectrum. , 2016, , .		23
8	Modeling and Analysis of the Uplink Local Delay in MEC-Based VANETs. IEEE Transactions on Vehicular Technology, 2020, 69, 3538-3549.	6.3	19
9	Connectivity Analysis of a Highway With One Entry/Exit and Multiple Roadside Units. IEEE Transactions on Vehicular Technology, 2018, 67, 11705-11718.	6.3	18
10	Performance modeling and analysis of the ADHOC MAC protocol for vehicular networks. Wireless Networks, 2016, 22, 799-812.	3.0	17
11	CoRET: A Network Coding Based Multicast Retransmission Scheme for Mobile Communication Networks. , 2011, , .		16
12	Modeling and Analysis of the Downlink Local Delay in MEC-Based VANETs. IEEE Transactions on Vehicular Technology, 2020, 69, 6619-6630.	6.3	16
13	Analysis of the Intra-Platoon Message Delivery Delay in a Platoon of Vehicles. IEEE Transactions on Vehicular Technology, 2021, 70, 7012-7026.	6.3	15
14	Performance Modeling of an LTE LAA and WiFi Coexistence System Using the LAA Category-4 LBT Procedure and 802.11e EDCA Mechanism. IEEE Transactions on Vehicular Technology, 2020, 69, 6603-6618.	6.3	14
15	Performance Modeling and Analysis of the LAA Category-4 LBT Procedure. IEEE Transactions on Vehicular Technology, 2019, 68, 10045-10055.	6.3	13
16	Connectivity Analysis of Vehicles Moving on a Highway With One Entry and Exit. IEEE Transactions on Vehicular Technology, 2018, 67, 4476-4486.	6.3	12
17	Network coding for wireless communication networks. IEEE Journal on Selected Areas in Communications, 2009, 27, 577-581.	14.0	9
18	A preset threshold based cross-tier handover algorithm for uplink co-channel interference mitigation in two-tier femtocell networks. Wireless Networks, 2016, 22, 1819-1835.	3.0	9

#	Article	IF	Citations
19	SARA: A service-aware resource allocation scheme for device-to-device communication underlaying cellular networks. , 2014, , .		7
20	A connectivity analytical model for a highway with an entrance/exit in vehicular ad hoc networks. , 2016, , .		7
21	Performance Analysis of an LAA and WiFi Coexistence System Using the LAA Category-4 LBT Procedure With GAP. IEEE Transactions on Vehicular Technology, 2021, 70, 8007-8018.	6.3	7
22	Performance Modeling and Analysis of Base Station Cooperation for Cellular-Connected UAV Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 1807-1819.	6.3	7
23	Dynamic resource allocation based on service time prediction for device‐to‐device communication underlaying cellular networks. IET Communications, 2015, 9, 350-358.	2.2	6
24	Modeling and Analysis of the Local Delay in an MEC-Based VANET for a Suburban Area. IEEE Internet of Things Journal, 2022, 9, 7065-7079.	8.7	6
25	U-CCS: An Unlicensed Component Carrier Selection Algorithm for Carrier Aggregation in LTE-U and WiFi Coexistence Networks. , 2018, , .		5
26	Weight Pick: an efficient packet selection algorithm for network coding based multicast retransmission in mobile communication networks. Wireless Networks, 2013, 19, 363-372.	3.0	4
27	A new distributed routing protocol using partial traffic information for vehicular ad hoc networks. Wireless Networks, 2014, 20, 1627-1637.	3.0	4
28	Hierarchical location service for wireless sensor networks with mobile sinks. Wireless Communications and Mobile Computing, 2010, 10, 899-911.	1.2	3
29	Recent Advances in Wireless Communications and Networking. Mobile Networks and Applications, 2011, 16, 1-3.	3.3	3
30	A Hybrid Adaptive Channel Access (HyACA) Mechanism for LTE-U and WiFi Coexistence Systems. IEEE Systems Journal, 2021, 15, 3654-3663.	4.6	3
31	A Delay Balanced Adaptive Channel Allocation Mechanism for LTE-U and WiFi Coexistence Systems. Mobile Networks and Applications, 2022, 27, 457-468.	3.3	2
32	Joint data aggregation and encryption using Slepian‐Wolf coding for clustered wireless sensor networks. Wireless Communications and Mobile Computing, 2010, 10, 573-583.	1.2	1
33	e-LBT: an Enhanced Listen Before Talk Mechanism for Collision Avoidance in an LTE-U and WiFi Coexistence System. Mobile Networks and Applications, 2018, 23, 1396-1405.	3.3	1
34	MONET Special Issue on Towards Future Ad Hoc Networks: Technologies and Applications (I). Mobile Networks and Applications, 2020, 25, 756-759.	3.3	1
35	MONET Special Issue on Towards Future Ad Hoc Networks: Technologies and Applications (II). Mobile Networks and Applications, 0, , 1.	3.3	0