

Jun Zheng

List of Publications by Year in descending order

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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	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
2	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
3	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
4	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
5	A Hybrid Adaptive Channel Access (HyACA) Mechanism for LTE-U and WiFi Coexistence Systems. IEEE Systems Journal, 2021, 15, 3654-3663.	4.6	3
6	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
7	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
8	Modeling and Analysis of the Downlink Local Delay in MEC-Based VANETs. IEEE Transactions on Vehicular Technology, 2020, 69, 6619-6630.	6.3	16
9	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
10	AUV-Aided Localization of Underwater Acoustic Devices Based on Doppler Shift Measurements. IEEE Transactions on Wireless Communications, 2020, 19, 2226-2239.	9.2	39
11	Modeling and Analysis of the Uplink Local Delay in MEC-Based VANETs. IEEE Transactions on Vehicular Technology, 2020, 69, 3538-3549.	6.3	19
12	MONET Special Issue on Towards Future Ad Hoc Networks: Technologies and Applications (I). Mobile Networks and Applications, 2020, 25, 756-759.	3.3	1
13	Performance Modeling and Analysis of the LAA Category-4 LBT Procedure. IEEE Transactions on Vehicular Technology, 2019, 68, 10045-10055.	6.3	13
14	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
15	U-CCS: An Unlicensed Component Carrier Selection Algorithm for Carrier Aggregation in LTE-U and WiFi Coexistence Networks. , 2018, , .		5
16	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
17	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
18	A connectivity analytical model for a highway with an entrance/exit in vehicular ad hoc networks. , 2016, , .		7

#	ARTICLE	IF	CITATIONS
19	An adaptive channel access mechanism for LTE-U and WiFi coexistence in an unlicensed spectrum. , 2016, , .		23
20	A preset threshold based cross-tier handover algorithm for uplink co-channel interference mitigation in two-tier femtocell networks. <i>Wireless Networks</i> , 2016, 22, 1819-1835.	3.0	9
21	Delivery Delay Analysis for Roadside Unit Deployment in Vehicular Ad Hoc Networks With Intermittent Connectivity. <i>IEEE Transactions on Vehicular Technology</i> , 2016, 65, 8591-8602.	6.3	60
22	Performance modeling and analysis of the ADHOC MAC protocol for vehicular networks. <i>Wireless Networks</i> , 2016, 22, 799-812.	3.0	17
23	Performance Modeling and Analysis of the IEEE 802.11p EDCA Mechanism for VANET. <i>IEEE Transactions on Vehicular Technology</i> , 2016, 65, 2673-2687.	6.3	97
24	Dynamic resource allocation based on service time prediction for device-to-device communication underlying cellular networks. <i>IET Communications</i> , 2015, 9, 350-358.	2.2	6
25	Performance modeling and analysis of IEEE 802.11 DCF based fair channel access for vehicle-to-roadside communication in a non-saturated state. <i>Wireless Networks</i> , 2015, 21, 1-11.	3.0	52
26	SARA: A service-aware resource allocation scheme for device-to-device communication underlying cellular networks. , 2014, , .		7
27	A Capacity Oriented Resource Allocation algorithm for device-to-device communication in mobile cellular networks. , 2014, , .		23
28	A new distributed routing protocol using partial traffic information for vehicular ad hoc networks. <i>Wireless Networks</i> , 2014, 20, 1627-1637.	3.0	4
29	Weight Pick: an efficient packet selection algorithm for network coding based multicast retransmission in mobile communication networks. <i>Wireless Networks</i> , 2013, 19, 363-372.	3.0	4
30	Recent Advances in Wireless Communications and Networking. <i>Mobile Networks and Applications</i> , 2011, 16, 1-3.	3.3	3
31	CoRET: A Network Coding Based Multicast Retransmission Scheme for Mobile Communication Networks. , 2011, , .		16
32	Joint data aggregation and encryption using Slepian-Wolf coding for clustered wireless sensor networks. <i>Wireless Communications and Mobile Computing</i> , 2010, 10, 573-583.	1.2	1
33	Hierarchical location service for wireless sensor networks with mobile sinks. <i>Wireless Communications and Mobile Computing</i> , 2010, 10, 899-911.	1.2	3
34	Network coding for wireless communication networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2009, 27, 577-581.	14.0	9
35	MONET Special Issue on Towards Future Ad Hoc Networks: Technologies and Applications (II). <i>Mobile Networks and Applications</i> , 0, , 1.	3.3	0