

Yuliang Tang

List of Publications by Year in descending order

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61
papers

873
citations

840776

11
h-index

888059

17
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61
all docs

61
docs citations

61
times ranked

1222
citing authors

#	ARTICLE	IF	CITATIONS
1	UAV Relay in VANETs Against Smart Jamming With Reinforcement Learning. IEEE Transactions on Vehicular Technology, 2018, 67, 4087-4097.	6.3	226
2	Traffic Offloading for Online Video Service in Vehicular Networks: A Cooperative Approach. IEEE Transactions on Vehicular Technology, 2018, 67, 7630-7642.	6.3	77
3	Reinforcement Learning Based PHY Authentication for VANETs. IEEE Transactions on Vehicular Technology, 2020, 69, 3068-3079.	6.3	60
4	A Truthful Reverse-Auction Mechanism for Computation Offloading in Cloud-Enabled Vehicular Network. IEEE Internet of Things Journal, 2019, 6, 4214-4227.	8.7	55
5	Anti-Jamming Underwater Transmission With Mobility and Learning. IEEE Communications Letters, 2018, 22, 542-545.	4.1	50
6	Reinforcement-Learning-Based Relay Mobility and Power Allocation for Underwater Sensor Networks Against Jamming. IEEE Journal of Oceanic Engineering, 2020, 45, 1148-1156.	3.8	36
7	Allocation of Computation-Intensive Graph Jobs Over Vehicular Clouds in IoV. IEEE Internet of Things Journal, 2020, 7, 311-324.	8.7	35
8	Eliminating NB-IoT Interference to LTE System: A Sparse Machine Learning-Based Approach. IEEE Internet of Things Journal, 2019, 6, 6919-6932.	8.7	32
9	UAV Anti-Jamming Video Transmissions With QoE Guarantee: A Reinforcement Learning-Based Approach. IEEE Transactions on Communications, 2021, 69, 5933-5947.	7.8	32
10	Power control Stackelberg game in cooperative anti-jamming communications. , 2014, , .		29
11	Learning Based Security for VANET with Blockchain. , 2018, , .		27
12	Cooperative clustering-based medium access control for broadcasting in vehicular <i>ad hoc</i> networks. IET Communications, 2014, 8, 3136-3144.	2.2	24
13	Distributed Multi-Channel MAC Protocol for VANET: An Adaptive Frame Structure Scheme. IEEE Access, 2019, 7, 12868-12878.	4.2	23
14	Learning-Based Rogue Edge Detection in VANETs with Ambient Radio Signals. , 2018, , .		15
15	An enhanced GPSR routing protocol based on the buffer length of nodes for the congestion problem in VANETs. , 2015, , .		12
16	Jamming Detection of Smartphones for WiFi Signals. , 2015, , .		10
17	A multi-channel cooperative clustering-based MAC protocol for V2V communications. Wireless Communications and Mobile Computing, 2016, 16, 3295-3306.	1.2	10
18	Resource multi-objective mapping algorithm based on virtualized network functions: RMMA. Applied Soft Computing Journal, 2018, 66, 220-231.	7.2	10

#	ARTICLE	IF	CITATIONS
19	Joint Offloading Decision and Resource Allocation in MEC-enabled Vehicular Networks. , 2021, , .		10
20	Joint Task Offloading and Flexible Functional Split in 5G Radio Access Network. , 2019, , .		9
21	Research and design of the intelligent surveillance system based on DirectShow and OpenCV. , 2011, , .		7
22	Voltage Based Authentication for Controller Area Networks with Reinforcement Learning. , 2019, , .		7
23	A novel joint centralized scheduling and channel assignment scheme for IEEE 802.16 mesh networks. , 2009, , .		6
24	A novel cooperative MAC for broadcasting in clustering VANETs. , 2013, , .		6
25	Control Efficient Power Allocation of Uplink NOMA in UAV-Aided Vehicular Platooning. IEEE Access, 2021, 9, 139473-139488.	4.2	6
26	A multi-channel cooperative clustering-based MAC protocol for VANETs. , 2014, , .		5
27	An efficient message broadcasting MAC protocol for VANETs. Wireless Networks, 2020, 26, 6043-6057.	3.0	5
28	Network Selection in Heterogeneous Vehicular Network: A One-to-Many Matching Approach. , 2020, , .		5
29	A Q-learning-based downlink resource scheduling method for capacity optimization in LTE femtocells. , 2014, , .		4
30	Resource allocation mechanism based on two-step mapping for saving energy in wireless network virtualization. , 2015, , .		4
31	An Identification Decision Tree Learning Model for Self-Management in Virtual Radio Access Network: IDTLM. IEEE Access, 2018, 6, 504-518.	4.2	4
32	A Novel Mobility Prediction Mechanism in Heterogeneous Networks. , 2010, , .		3
33	Cooperative Downloading in Vehicular Networks: A Graph-Based Approach. , 2018, , .		3
34	Intelligent Fault Diagnosis Method for Mobile Cellular Networks. , 2021, , .		3
35	A cross-layer handover management scheme for SIP-based VoWLAN. , 2009, , .		2
36	A dynamic frame partitioning scheme for IEEE 802.16 mesh networks. , 2011, , .		2

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37	Design and implementation of SIP B2BUA server. , 2013, , .		2
38	Dynamic frame partitioning scheme for IEEE 802.16 mesh networks. Wireless Communications and Mobile Computing, 2014, 14, 1045-1054.	1.2	2
39	A resource collaboration scheduling scheme in ultra-dense small cells. , 2017, , .		2
40	SMDP Based Cross-Area Resource Management for Vehicular Cloud Networks. , 2019, , .		2
41	QoE-Aware Power Control for UAV-Aided Media Transmission with Reinforcement Learning. , 2019, , .		2
42	Topology-Aware Dynamic Computation Offloading in Vehicular Networks. , 2021, , .		2
43	Shaping gain of LDPC coded-QAM transmitting systems with non-uniform constellation. , 2007, , .		1
44	Map-based multi-path routing protocol in VANETs. , 2015, , .		1
45	A routing protocol based on improved Ad-hoc on demand multi-path distance vector in multi-radio network. , 2016, , .		1
46	Reinforcement Learning Based Prioritized Cross-Area Resource Management for Vehicular Cloud Networks. , 2019, , .		1
47	Reservation based Resource Allocation Scheme for Internet of Vehicles. , 2021, , .		1
48	Code-based Computation Offloading in Vehicular Fog Networks. , 2021, , .		1
49	Resource Allocation of Cache-aided NOMA in 5G Vehicular Networks with Imperfect Channel Estimation. , 2021, , .		1
50	Dynamic data path strategy base on fuzzy logic control for mobile wimax. , 2008, , .		0
51	Call admission control algorithm based on soft-blocking for TD-SCDMA system. , 2010, , .		0
52	Traffic-Aware Dynamic Frequency Band Allocation Scheme for OFDMA System. IEEE Communications Letters, 2013, 17, 1604-1607.	4.1	0
53	Research on a LED large screen adaptive image enhancement algorithm. , 2013, , .		0
54	A novel intercell interference coordination algorithm based on X2 interface for LTE system. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
55	Dynamic frequency partition scheme for downlink femto-macro interference coordination. , 2014, , .		0
56	The design of E-Learning service model based on SIP protocol. , 2014, , .		0
57	Research and implementation of mobile internet services identification system. , 2015, , .		0
58	Spectrum Multiplexing for LTE-U and Wi-Fi in Heterogeneous Network. , 2018, , .		0
59	Task-oriented data collection strategy in vehicular crowdsensing. , 2019, , .		0
60	Efficient 3D Placement of Drone Base Stations with Frequency Planning. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 329-338.	0.3	0
61	NOMA-Assisted Wireless Caching in Vehicular Networks: A Online Scheduling Strategy. , 2021, , .		0