Chuan Xu

List of Publications by Year
in descending order

25 papers	348 citations	933447 10 h-index	839539 18 g-index
25 all docs	25 docs citations	25 times ranked	401 citing authors

#	Article	IF	Citations
1	A Sparse Reconstruction Domain Transfer Method for Interference Suppression in Artificial Olfactory System. IEEE Sensors Journal, 2022, 22, 6717-6730.	4.7	6
2	On-Demand Dynamic Controller Placement in Software Defined Satellite-Terrestrial Networking. IEEE Transactions on Network and Service Management, 2021, 18, 2915-2928.	4.9	13
3	A Novel Mobile Core Network Architecture for Satellite-Terrestrial Integrated Network. , 2021, , .		7
4	Dynamic Routing for Software-Defined LEO Satellite Networks based on ISL Attributes. , 2021, , .		4
5	A Packet Reception Probability-Based Reliable Routing Protocol for 3D VANET. IEEE Wireless Communications Letters, 2020, 9, 495-498.	5.0	14
6	Link Reliability-Based Adaptive Routing for Multilevel Vehicular Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 11771-11785.	6.3	12
7	Personalized Location Privacy Protection for Location-Based Services in Vehicular Networks. IEEE Wireless Communications Letters, 2020, 9, 1633-1637.	5.0	11
8	Personalized QoS Improvement in User-Centered Heterogeneous V2X Communication Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 619-630.	0.3	0
9	An Energy-Efficient Region Source Routing Protocol for Lifetime Maximization in WSN. IEEE Access, 2019, 7, 135277-135289.	4.2	102
10	Modelling the impact of interference on the energy efficiency of WLANs. Concurrency Computation Practice and Experience, 2019, 31, e5217.	2.2	2
11	Joint Power Control and Channel Allocation for Interference Mitigation Based on Reinforcement Learning. IEEE Access, 2019, 7, 177254-177265.	4.2	35
12	Interference-Aware Multisource Transmission in Multiradio and Multichannel Wireless Network. IEEE Systems Journal, 2019, 13, 2507-2518.	4.6	54
13	Energy-Efficient WLANs With Resource and Re-Association Scheduling Optimization. IEEE Transactions on Network and Service Management, 2019, 16, 563-577.	4.9	15
14	SCDN: A Novel Software-driven CDN for Better Content Pricing and Caching. IEEE Communications Letters, 2018, , 1-1.	4.1	5
15	Efficient Performance Monitoring for Ubiquitous Virtual Networks Based on Matrix Completion. IEEE Access, 2018, 6, 14524-14536.	4.2	2
16	Tuna: An Efficient and Practical Scheme for Wireless Access Point in 5G Networks Virtualization. IEEE Communications Letters, 2018, 22, 748-751.	4.1	9
17	MC-VAP: A multi-connection virtual access point for high performance software-defined wireless networks. Journal of Network and Computer Applications, 2018, 122, 88-98.	9.1	3
18	Analyzing and Modelling the Interference Impact on Energy Efficiency of WLANs. , 2018, , .		6

#	Article	IF	Citations
19	A Novel Multipath-Transmission Supported Software Defined Wireless Network Architecture. IEEE Access, 2017, 5, 2111-2125.	4.2	24
20	A Sleeping and Offloading Optimization Scheme for Energy-Efficient WLANs. IEEE Communications Letters, 2017, 21, 877-880.	4.1	7
21	A Scalable Parallel Architecture Based on Many-Core Processors for Generating HTTP Traffic. Applied Sciences (Switzerland), 2017, 7, 154.	2.5	0
22	Cache Scheme Based on Pre-Fetch Operation in ICN. PLoS ONE, 2016, 11, e0158260.	2.5	1
23	A geometric model for website evolution in mobile internet. Multiagent and Grid Systems, 2014, 10, 95-108.	0.9	0
24	Network dynamics of mobile social networks. , 2014, , .		1
25	A novel model for user clicks identification based on hidden semi-Markov. Journal of Network and Computer Applications, 2013, 36, 791-798.	9.1	15