Yuanguo Bi

List of Publications by Year
in descending order

35 papers	845 citations	623734 14 h-index	501196 28 g-index
35 all docs	35 docs citations	35 times ranked	1036 citing authors

#	Article	IF	Citations
1	A Deep One-Class Intrusion Detection Scheme in Software-Defined Industrial Networks. IEEE Transactions on Industrial Informatics, 2022, 18, 4286-4296.	11.3	5
2	Dynamic Service Migration and Request Routing for Microservice in Multicell Mobile-Edge Computing. IEEE Internet of Things Journal, 2022, 9, 13126-13143.	8.7	19
3	A Multi-Objective Task Scheduling Strategy for Intelligent Production Line Based on Cloud-Fog Computing. Sensors, 2022, 22, 1555.	3.8	15
4	Distributed Computation Offloading and Trajectory Optimization in Multi-UAV-Enabled Edge Computing. IEEE Internet of Things Journal, 2022, 9, 20096-20110.	8.7	7
5	Heuristic Routing Algorithms for Time-Sensitive Networks in Smart Factories. Sensors, 2022, 22, 4153.	3.8	1
6	FacetsBase: A Key-Value Store Optimized for Querying on Scholarly Data. IEEE Transactions on Emerging Topics in Computing, 2021, 9, 302-315.	4.6	2
7	Fast Node Clustering Based on an Improved Birch Algorithm for Data Collection Towards Software-Defined Underwater Acoustic Sensor Networks. IEEE Sensors Journal, 2021, 21, 25480-25488.	4.7	7
8	Intelligent Quality of Service Aware Traffic Forwarding for Software-Defined Networking/Open Shortest Path First Hybrid Industrial Internet. IEEE Transactions on Industrial Informatics, 2020, 16, 1395-1405.	11.3	31
9	MR-Forest: A Deep Decision Framework for False Positive Reduction in Pulmonary Nodule Detection. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 1652-1663.	6.3	9
10	A Path Planning Scheme for AUV Flock-Based Internet-of-Underwater-Things Systems to Enable Transparent and Smart Ocean. IEEE Internet of Things Journal, 2020, 7, 9760-9772.	8.7	50
11	Software-Defined Networking-Assisted Content Delivery at Edge of Mobile Social Networks. IEEE Internet of Things Journal, 2020, 7, 8122-8132.	8.7	5
12	An SDN Architecture for AUV-Based Underwater Wireless Networks to Enable Cooperative Underwater Search. IEEE Wireless Communications, 2020, 27, 132-139.	9.0	39
13	A Local Communication System Over Wi-Fi Direct: Implementation and Performance Evaluation. IEEE Internet of Things Journal, 2020, 7, 5140-5158.	8.7	13
14	Computation Offloading with Reliability Guarantee in Vehicular Edge Computing Systems. , 2020, , .		1
15	Hierarchical Edge Computing: A Novel Multi-Source Multi-Dimensional Data Anomaly Detection Scheme for Industrial Internet of Things. IEEE Access, 2019, 7, 111257-111270.	4.2	31
16	Mobility Management for Intro/Inter Domain Handover in Software-Defined Networks. IEEE Journal on Selected Areas in Communications, 2019, 37, 1739-1754.	14.0	35
17	A Scheme for Delay-Sensitive Spatiotemporal Routing in SDN-Enabled Underwater Acoustic Sensor Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 9280-9292.	6.3	33
18	An AUV Location Prediction-Based Data Collection Scheme for Underwater Wireless Sensor Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 6037-6049.	6.3	72

#	Article	IF	Citations
19	Spectrum Sharing for Vehicular Communications in A Multi-operator Scenario. , 2019, , .		2
20	Software Defined Space-Terrestrial Integrated Networks: Architecture, Challenges, and Solutions. IEEE Network, 2019, 33, 22-28.	6.9	98
21	How DHCP Leases Meet Smart Terminals: Emulation and Modeling. IEEE Internet of Things Journal, 2018, 5, 56-68.	8.7	2
22	Scheduling for Time-Constrained Big-File Transfer Over Multiple Paths in Cloud Computing. IEEE Transactions on Emerging Topics in Computational Intelligence, 2018, 2, 25-40.	4.9	9
23	Neighboring vehicle-assisted fast handoff for vehicular fog communications. Peer-to-Peer Networking and Applications, 2018, 11, 738-748.	3.9	15
24	DTE-SDN: A Dynamic Traffic Engineering Engine for Delay-Sensitive Transfer. IEEE Internet of Things Journal, 2018, 5, 5240-5253.	8.7	29
25	A low-cost indoor localization system based on received signal strength indicator by modifying trilateration for harsh environments. International Journal of Distributed Sensor Networks, 2018, 14, 155014771877968.	2.2	2
26	Software-Defined Vehicular Networks: Architecture, Algorithms, and Applications: Part 2. IEEE Communications Magazine, 2017, 55, 58-59.	6.1	9
27	Software-Defined Vehicular Networks: Architecture, Algorithms, and Applications: Part 1. , 2017, 55, 78-79.		9
28	Catalyzing Cloud-Fog Interoperation in 5G Wireless Networks: An SDN Approach. IEEE Network, 2017, 31, 14-20.	6.9	80
29	Scheduling algorithms for time-constrained big-file transfers in the Internet of Vehicles. Journal of Communications and Information Networks, 2017, 2, 126-135.	5.2	8
30	Research on bottleneck-delay in internet based on IP united mapping. Peer-to-Peer Networking and Applications, 2017, 10, 1219-1231.	3.9	2
31	A State Transition-Aware Energy-Saving Mechanism for Dense WLANs in Buildings. IEEE Access, 2017, 5, 25671-25681.	4.2	2
32	Time-Constrained Big Data Transfer for SDN-Enabled Smart City. , 2017, 55, 44-50.		24
33	An Efficient PMIPv6-Based Handoff Scheme for Urban Vehicular Networks. IEEE Transactions on Intelligent Transportation Systems, 2016, 17, 3613-3628.	8.0	30
34	A Multi-Hop Broadcast Protocol for Emergency Message Dissemination in Urban Vehicular Ad Hoc Networks. IEEE Transactions on Intelligent Transportation Systems, 2016, 17, 736-750.	8.0	140
35	A Multi-Channel Token Ring Protocol for Inter-Vehicle Communications. , 2008, , .		9