

Abbas Bradai

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

734
citations

567281

15
h-index

752698

20
g-index

27
all docs

27
docs citations

27
times ranked

813
citing authors

#	ARTICLE	IF	CITATIONS
1	A Survey of Localization Systems in Internet of Things. <i>Mobile Networks and Applications</i> , 2019, 24, 761-785.	3.3	122
2	Scheduling Wireless Virtual Networks Functions. <i>IEEE Transactions on Network and Service Management</i> , 2016, 13, 240-252.	4.9	107
3	Deep Federated Q-Learning-Based Network Slicing for Industrial IoT. <i>IEEE Transactions on Industrial Informatics</i> , 2021, 17, 5572-5582.	11.3	66
4	A new fuzzy logic based node localization mechanism for Wireless Sensor Networks. <i>Future Generation Computer Systems</i> , 2019, 93, 799-813.	7.5	52
5	Adaptive dynamic network slicing in LoRa networks. <i>Future Generation Computer Systems</i> , 2019, 98, 697-707.	7.5	46
6	Single and Multi-Domain Adaptive Allocation Algorithms for VNF Forwarding Graph Embedding. <i>IEEE Transactions on Network and Service Management</i> , 2019, 16, 98-112.	4.9	40
7	Online GMM Clustering and Mini-Batch Gradient Descent Based Optimization for Industrial IoT 4.0. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 1427-1435.	11.3	37
8	Dynamic anchor points selection for mobility management in Software Defined Networks. <i>Journal of Network and Computer Applications</i> , 2015, 57, 1-11.	9.1	34
9	Distributed Network Slicing in Large Scale IoT Based on Coalitional Multi-Game Theory. <i>IEEE Transactions on Network and Service Management</i> , 2019, 16, 1567-1580.	4.9	34
10	EMCOS: Energy-efficient Mechanism for Multimedia Streaming over Cognitive Radio Sensor Networks. <i>Pervasive and Mobile Computing</i> , 2015, 22, 16-32.	3.3	24
11	ViCoV: Efficient video streaming for cognitive radio VANET. <i>Vehicular Communications</i> , 2014, 1, 105-122.	4.0	22
12	Joint Energy and QoS-Aware Memetic-Based Scheduling for M2M Communications in LTE-M. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2019, 3, 217-229.	4.9	22
13	Energy Efficiency Analysis of LoRa Networks. <i>IEEE Wireless Communications Letters</i> , 2021, 10, 1881-1885.	5.0	19
14	Deep reinforcement learning techniques for vehicular networks: Recent advances and future trends towards 6G. <i>Vehicular Communications</i> , 2022, 33, 100398.	4.0	18
15	Joint slice-based spreading factor and transmission power optimization in LoRa smart city networks. <i>Internet of Things (Netherlands)</i> , 2021, 14, 100121.	7.7	15
16	Learning-Based IoT Data Aggregation for Disaster Scenarios. <i>IEEE Access</i> , 2020, 8, 128490-128497.	4.2	14
17	Software-Defined Networking (SDN) and Network Function Virtualization (NFV) for a Hyperconnected World: Challenges, Applications, and Major Advancements. <i>Journal of Network and Systems Management</i> , 2020, 28, 433-435.	4.9	11
18	Network Slicing Optimization in Large Scale LoRa Wide Area Networks. , 2019, , .		9

#	ARTICLE	IF	CITATIONS
19	A New Closed-Form Expression of the Coverage Probability for Different QoS in LoRa Networks. , 2020, , .		9
20	Energy Efficiency Optimization in LoRa Networksâ€™A Deep Learning Approach. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 15435-15447.	8.0	8
21	On the Spectral Efficiency of LoRa Networks: Performance Analysis, Trends and Optimal Points of Operation. IEEE Transactions on Communications, 2022, 70, 2788-2804.	7.8	6
22	In-Depth Performance Evaluation of Network Slicing Strategies in Large Scale Industry 4.0. , 2021, , .		5
23	Design and experimental implementation of monitoring system in wireless sensor networks. IET Wireless Sensor Systems, 2018, 8, 350-359.	1.7	4
24	Network Slicing for Industrial IoT and Industrial Wireless Sensor Network: Deep Federated Learning Approach and Its Implementation Challenges. , 0, , .		4
25	On the Performance of Physical Layer Security of RIS-aided Communications. , 2021, , .		3
26	A novel intelligent mechanism for monitoring in wireless sensor networks. , 2017, , .		2
27	Machine Learning Modelling-Powered IoT Systems for Smart Applications. Lecture Notes on Data Engineering and Communications Technologies, 2021, , 185-212.	0.7	1