

Amirhosein Taherkordi

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,466
citations

686830

13
h-index

752256

20
g-index

30
all docs

30
docs citations

30
times ranked

2663
citing authors

#	ARTICLE	IF	CITATIONS
1	Mobile Edge Computing: A Survey. IEEE Internet of Things Journal, 2018, 5, 450-465.	5.5	1,679
2	Deep Learning for Network Traffic Monitoring and Analysis (NTMA): A Survey. Computer Communications, 2021, 170, 19-41.	3.1	147
3	A Survey and Future Directions on Clustering: From WSNs to IoT and Modern Networking Paradigms. IEEE Transactions on Network and Service Management, 2021, 18, 2242-2274.	3.2	86
4	Mobility-Aware Multi-Hop Task Offloading for Autonomous Driving in Vehicular Edge Computing and Networks. IEEE Transactions on Intelligent Transportation Systems, 2022, , 1-14.	4.7	72
5	Energy-Efficient Cooperative Communication and Computation for Wireless Powered Mobile-Edge Computing. IEEE Systems Journal, 2022, 16, 287-298.	2.9	61
6	Demand-Response Games for Peer-to-Peer Energy Trading With the Hyperledger Blockchain. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 19-31.	5.9	36
7	A comparative study on online machine learning techniques for network traffic streams analysis. Computer Networks, 2022, 207, 108836.	3.2	34
8	Edge-Enabled WBANs for Efficient QoS Provisioning Healthcare Monitoring: A Two-Stage Potential Game-Based Computation Offloading Strategy. IEEE Access, 2020, 8, 92718-92730.	2.6	30
9	Future Cloud Systems Design: Challenges and Research Directions. IEEE Access, 2018, 6, 74120-74150.	2.6	29
10	From statistical- to machine learning-based network traffic prediction. Transactions on Emerging Telecommunications Technologies, 2022, 33, e4394.	2.6	29
11	FedSTN: Graph Representation Driven Federated Learning for Edge Computing Enabled Urban Traffic Flow Prediction. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 8738-8748.	4.7	25
12	From IoT big data to IoT big services. , 2017, , .		24
13	Scalable modeling of cloud-based IoT services for smart cities. , 2016, , .		21
14	Energy Trading with Demand Response in a Community-based P2P Energy Market. , 2019, , .		21
15	Active Learning for Network Traffic Classification: A Technical Study. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 422-439.	4.9	20
16	A self-adaptive context processing framework for wireless sensor networks. , 2008, , .		18
17	A Communication-Efficient Distributed Clustering Algorithm for Sensor Networks. , 2008, , .		17
18	Latency Analysis of Wireless Networks for Proximity Services in Smart Home and Building Automation: The Case of Thread. IEEE Access, 2019, 7, 4856-4867.	2.6	15

#	ARTICLE	IF	CITATIONS
19	Mobile Edge as Part of the Multi-Cloud Ecosystem: A Performance Study. , 2019, , .		15
20	Deep Reinforcement Learning for QoS provisioning at the MAC layer: A Survey. Engineering Applications of Artificial Intelligence, 2021, 102, 104234.	4.3	14
21	TONTA: Trend-based Online Network Traffic Analysis in ad-hoc IoT networks. Computer Networks, 2021, 194, 108125.	3.2	11
22	A Clustering-Based Approach to Efficient Resource Allocation in Fog Computing. Communications in Computer and Information Science, 2019, , 207-224.	0.4	11
23	Context-Driven and Real-Time Provisioning of Data-Centric IoT Services in the Cloud. ACM Transactions on Internet Technology, 2019, 19, 1-24.	3.0	9
24	Task Partitioning and Orchestration on Heterogeneous Edge Platforms: The Case of Vision Applications. IEEE Internet of Things Journal, 2022, 9, 7418-7432.	5.5	9
25	Data-Centric IoT Services Provisioning in Fog-Cloud Computing Systems. , 2017, , .		8
26	A Survey on Fog Programming. , 2019, , .		8
27	A Self-Adaptive Network for HPC Clouds: Architecture, Framework, and Implementation. IEEE Transactions on Parallel and Distributed Systems, 2018, 29, 2658-2671.	4.0	7
28	A federated fog-cloud framework for data processing and orchestration. , 2021, , .		4
29	Deep Reinforcement Learning for Intelligent Migration of Fog Services in Smart Cities. Lecture Notes in Computer Science, 2020, , 230-244.	1.0	3
30	FLITC: A Novel Federated Learning-Based Method for IoT Traffic Classification. , 2022, , .		3