Wenhao Fan

List of Publications by Year
in descending order

35 papers	383 citations	933447 10 h-index	839539 18 g-index
35 all docs	35 docs citations	35 times ranked	386 citing authors

#	Article	IF	Citations
1	Effective Charging Planning Based on Deep Reinforcement Learning for Electric Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 542-554.	8.0	64
2	Computation Offloading Based on Cooperations of Mobile Edge Computing-Enabled Base Stations. IEEE Access, 2018, 6, 22622-22633.	4.2	63
3	Joint Task Offloading and Resource Allocation for Multi-Access Edge Computing Assisted by Parked and Moving Vehicles. IEEE Transactions on Vehicular Technology, 2022, 71, 5314-5330.	6.3	31
4	Graph-Based Data Gathering Scheme in WSNs With a Mobility-Constrained Mobile Sink. IEEE Access, 2017, 5, 19463-19477.	4.2	20
5	GEM: An analytic geometrical approach to fast event matching for multi-dimensional content-based publish/subscribe services. , 2016, , .		15
6	Latency-energy optimization for joint WiFi and cellular offloading in mobile edge computing networks. Computer Networks, 2020, 181, 107570.	5.1	15
7	Batch-Assisted Verification Scheme for Reducing Message Verification Delay of the Vehicular *Ad Hoc* Networks. IEEE Internet of Things Journal, 2020, 7, 8144-8156.	8.7	15
8	TerminalBooster: Collaborative Computation Offloading and Data Caching via Smart Basestations. IEEE Wireless Communications Letters, 2016, 5, 612-615.	5.0	12
9	An Adaptive Dual Prediction Scheme Based on Edge Intelligence. IEEE Internet of Things Journal, 2020, 7, 9481-9493.	8.7	12
10	Multi-Dimensional Joint Prediction Model for IoT Sensor Data Search. IEEE Access, 2019, 7, 90863-90873.	4.2	11
11	Multisite computation offloading in dynamic mobile cloud environments. Science China Information Sciences, 2017, 60, 1.	4.3	10
12	An Enhanced Random Access Algorithm Based on the Clustering-Reuse Preamble Allocation in NB-IoT System. IEEE Access, 2019, 7, 183847-183859.	4.2	10
13	Game-Based Multitype Task Offloading Among Mobile-Edge-Computing-Enabled Base Stations. IEEE Internet of Things Journal, 2021, 8, 17691-17704.	8.7	10
14	Exploiting Joint Computation Offloading and Data Caching to Enhance Mobile Terminal Performance. , 2016, , .		8
15	DroidInjector: A process injection-based dynamic tracking system for runtime behaviors of Android applications. Computers and Security, 2017, 70, 224-237.	6.0	8
16	A Hybrid Intrusion Detection System for IoT Applications with Constrained Resources. International Journal of Digital Crime and Forensics, 2020, 12, 109-130.	0.7	8
17	Joint Task Offloading and Resource Allocation for Accuracy-Aware Machine-Learning-Based IIoT Applications. IEEE Internet of Things Journal, 2023, 10, 3305-3321.	8.7	8
18	Joint Task Offloading and Service Caching for Multi-Access Edge Computing in WiFi-Cellular Heterogeneous Networks. IEEE Transactions on Wireless Communications, 2022, 21, 9653-9667.	9.2	8

#	Article	IF	Citations
19	DEXIN: A fast content-based multi-attribute event matching algorithm using dynamic exclusive and inclusive methods. Future Generation Computer Systems, 2017, 68, 289-303.	7.5	7
20	EstiDroid: Estimate API Calls of Android Applications Using Static Analysis Technology. IEEE Access, 2020, 8, 105384-105398.	4.2	7
21	A Truthful Combinatorial Auction Mechanism Towards Mobile Edge Computing in Industrial Internet of Things. IEEE Transactions on Cloud Computing, 2023, 11, 1678-1691.	4.4	6
22	DroidARA: Android Application Automatic Categorization Based on API Relationship Analysis. IEEE Access, 2019, 7, 157987-157996.	4.2	5
23	Mixed Numerology Interference Recognition Approach for 5G NR. IEEE Wireless Communications Letters, 2021, 10, 2135-2139.	5.0	5
24	A Meta-Learning Algorithm for Rebalancing the Bike-Sharing System in IoT Smart City. IEEE Internet of Things Journal, 2022, 9, 21073-21085.	8.7	5
25	Optimal resource allocation for transmission diversity in multi-radio access networks: a coevolutionary genetic algorithm approach. Science China Information Sciences, 2014, 57, 1-14.	4.3	4
26	Feature Data Selection for Improving the Performance of Entity Similarity Searches in the Internet of Things. IEEE Access, 2019, 7, 49938-49944.	4.2	3
27	PageRank-Based Multi-Hop Computation Offloading in D2D Networks. IEEE Networking Letters, 2020, 2, 195-198.	1.9	3
28	Toward high efficiency for content-based multi-attribute event matching via hybrid methods. Science China Information Sciences, 2016, 59, 1-16.	4.3	2
29	Optimal Storage Allocation for Delay Sensitivity Data in Electric Vehicle Network. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 579-591.	8.0	2
30	Android Malware Detection Based on Functional Classification. IEICE Transactions on Information and Systems, 2022, E105.D, 656-666.	0.7	2
31	Environment RF Power Harvesting in IoT: A Resent Review. , 2019, , .		1
32	GEM-Tree: Tree-Based Analytic Geometrical Multi-Dimensional Content-Based Event Matching. IEEE Access, 2019, 7, 164089-164101.	4.2	1
33	Probabilistic computation offloading and data caching assisted by mobile-edge-computing–enabled base stations. Annales Des Telecommunications/Annals of Telecommunications, 2021, 76, 447-465.	2.5	1
34	Accuracy-Based Task Offloading and Resource Allocation for Edge Intelligence in IoT. IEEE Wireless Communications Letters, 2022, 11, 371-375.	5.0	1
35	Joint Computation Offloading and Data Caching Based on Cooperation of Mobile-Edge-Computing-Enabled Base Stations. Applied Sciences (Switzerland), 2021, 11, 5802.	2.5	0