

# Fan Wu

## List of Publications by Year in descending order

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38  
papers

516  
citations

840776

11  
h-index

677142

22  
g-index

38  
all docs

38  
docs citations

38  
times ranked

474  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Three-Section Dual-Band Transformer for Frequency-Dependent Complex Load Impedance. IEEE Microwave and Wireless Components Letters, 2009, 19, 611-613.	3.2	119
2	Effective Charging Planning Based on Deep Reinforcement Learning for Electric Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 542-554.	8.0	64
3	Computation Offloading Based on Cooperations of Mobile Edge Computing-Enabled Base Stations. IEEE Access, 2018, 6, 22622-22633.	4.2	63
4	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
5	Multimicrogrid Load Balancing Through EV Charging Networks. IEEE Internet of Things Journal, 2022, 9, 5019-5026.	8.7	30
6	Graph-Based Data Gathering Scheme in WSNs With a Mobility-Constrained Mobile Sink. IEEE Access, 2017, 5, 19463-19477.	4.2	20
7	Latency-energy optimization for joint WiFi and cellular offloading in mobile edge computing networks. Computer Networks, 2020, 181, 107570.	5.1	15
8	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
9	Automatic Wireless Signal Classification in Multimedia Internet of Things: An Adaptive Boosting Enabled Approach. IEEE Access, 2019, 7, 160334-160344.	4.2	14
10	TerminalBooster: Collaborative Computation Offloading and Data Caching via Smart Basestations. IEEE Wireless Communications Letters, 2016, 5, 612-615.	5.0	12
11	An Adaptive Dual Prediction Scheme Based on Edge Intelligence. IEEE Internet of Things Journal, 2020, 7, 9481-9493.	8.7	12
12	Multi-Dimensional Joint Prediction Model for IoT Sensor Data Search. IEEE Access, 2019, 7, 90863-90873.	4.2	11
13	Multisite computation offloading in dynamic mobile cloud environments. Science China Information Sciences, 2017, 60, 1.	4.3	10
14	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
15	Game-Based Multitype Task Offloading Among Mobile-Edge-Computing-Enabled Base Stations. IEEE Internet of Things Journal, 2021, 8, 17691-17704.	8.7	10
16	Exploiting Joint Computation Offloading and Data Caching to Enhance Mobile Terminal Performance. , 2016, , .		8
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
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	Game-based distributed pricing and task offloading in multi-cloud and multi-edge environments. Computer Networks, 2021, 200, 108523.	5.1	5
25	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
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	Optimal Storage Allocation for Delay Sensitivity Data in Electric Vehicle Network. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 579-591.	8.0	2
29	Android Malware Detection Based on Functional Classification. IEICE Transactions on Information and Systems, 2022, E105.D, 656-666.	0.7	2
30	GMBO. , 2018, , .		1
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	Data-based Sensor Similarity Matching Algorithm for IoT Search. , 2017, , .		0
36	Energy Efficiency Optimization Method Under the Scene of Wireless Information and Energy Simultaneous Transmission. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
37	An Efficient Double-Sourced Energy Transfer Scheme for Mobility-Constrained IoT Applications. IEICE Transactions on Communications, 2018, E101.B, 2213-2221.	0.7	0
38	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