Aaron Yi Ding

List of Publications by Year
in descending order

28 papers	1,034 citations	840776 11 h-index	1058476 14 g-index
32 all docs	32 docs citations	32 times ranked	1217 citing authors

#	ARTICLE	IF	CITATIONS
1	Security and Privacy in Device-to-Device (D2D) Communication: A Review. IEEE Communications Surveys and Tutorials, 2017, 19, 1054-1079.	39.4	237
2	Consolidate IoT Edge Computing with Lightweight Virtualization. IEEE Network, 2018, 32, 102-111.	6.9	214
3	IoT-KEEPER: Detecting Malicious IoT Network Activity Using Online Traffic Analysis at the Edge. IEEE Transactions on Network and Service Management, 2020, 17, 45-59.	4.9	101
4	Enabling energy-aware collaborative mobile data offloading for smartphones. , 2013, , .		69
5	Driving forces for Multi-Access Edge Computing (MEC) IoT integration in 5G. ICT Express, 2021, 7, 127-137.	4.8	61
6	Software defined networking for security enhancement in wireless mobile networks. Computer Networks, 2014, 66, 94-101.	5.1	57
7	Roadmap for edge AI. Computer Communication Review, 2022, 52, 28-33.	1.8	29
8	Opportunities for applications using 5G networks. , 2018, , .		24
9	Software Defined 5G Mobile Backhaul. , 2014, , .		23
10	Enhancing the Internet of Things with Knowledge-Driven Software-Defined Networking Technology: Future Perspectives. Sensors, 2020, 20, 3459.	3.8	23
11	Revisiting the Arguments for Edge Computing Research. IEEE Internet Computing, 2021, 25, 36-42.	3.3	22
12	FADES. , 2017, , .		21
13	Toward network controlled IP traffic offloading. , 2013, 51, 96-102.		20
14	Structural Hole Theory in Social Network Analysis: A Review. IEEE Transactions on Computational Social Systems, 2022, 9, 724-739.	4.4	20
15	Bridging the gap between internet standardization and networking research. Computer Communication Review, 2013, 44, 56-62.	1.8	13
16	Nimbus: Towards Latency-Energy Efficient Task Offloading for AR Services. IEEE Transactions on Cloud Computing, 2023, 11, 1530-1545.	4.4	13
17	Managing IoT at the Edge. , 2017, , .		12
18	Bias in Automated Speaker Recognition. , 2022, , .		12

#	Article	IF	Citations
19	Transfer Learning-Based Outdoor Position Recovery With Cellular Data. IEEE Transactions on Mobile Computing, 2021, 20, 2094-2110.	5.8	10
20	Enhancing Indoor IoT Communication with Visible Light and Ultrasound. , 2019, , .		8
21	Enabling energy-aware mobile data offloading for smartphones through vertical collaboration. , 2012, , .		7
22	AMSense: How Mobile Sensing Platforms Capture Pedestrian/Cyclist Spatiotemporal Properties in Cities. IEEE Intelligent Transportation Systems Magazine, 2022, 14, 29-43.	3.8	6
23	Machine Learning Systems in the IoT: Trustworthiness Trade-offs for Edge Intelligence. , 2020, , .		5
24	P 2 hub private personal data hub for mobile devices. , 2016, , .		3
25	Trustworthy and Sustainable Edge AI: A Research Agenda. , 2021, , .		2
26	DeepPick: A Deep Learning Approach to Unveil Outstanding Users Ranking with Public Attainable Features. IEEE Transactions on Knowledge and Data Engineering, 2021, , 1-1.	5.7	1
27	MirageManager. , 2020, , .		1
28	The Road Towards Private Proximity Services. , 2019, , .		0