Yixue Hao

List of Publications by Citations

47 papers	3,328 citations	23 h-index	50 g-index
50 ext. papers	4,123 ext. citations	6.4 avg, IF	6.33 L-index

#	Paper	IF	Citations
47	Task Offloading for Mobile Edge Computing in Software Defined Ultra-Dense Network. *IEEE Journal on Selected Areas in Communications*, **2018**, 36, 587-597	14.2	509
46	Disease Prediction by Machine Learning Over Big Data From Healthcare Communities. *IEEE Access*, **2017**, 5, 8869-8879	3.5	467
45	Narrow Band Internet of Things. *IEEE Access*, **2017**, 5, 20557-20577	3.5	246
44	On the computation offloading at ad hoc cloudlet: architecture and service modes **2015**, 53, 18-24		183
43	Edge cognitive computing based smart healthcare system. *Future Generation Computer Systems*, **2018**, 86, 403-411	7.5	156
42	Energy Efficient Task Caching and Offloading for Mobile Edge Computing. *IEEE Access*, **2018**, 6, 11365-11373	3.5	148
41	Data-Driven Computing and Caching in 5G Networks: Architecture and Delay Analysis. *IEEE Wireless Communications*, **2018**, 25, 70-75	13.4	139
40	Mobility-Aware Caching and Computation Offloading in 5G Ultra-Dense Cellular Networks. *Sensors*, **2016**, 16,	3.8	122
39	Green and Mobility-Aware Caching in 5G Networks. *IEEE Transactions on Wireless Communications*, **2017**, 16, 8347-8361	9.6	121
38	5G-Smart Diabetes: Toward Personalized Diabetes Diagnosis with Healthcare Big Data Clouds. *IEEE Communications Magazine*, **2018**, 56, 16-23	9.1	120
37	Edge-CoCaCo: Toward Joint Optimization of Computation, Caching, and Communication on Edge Cloud. *IEEE Wireless Communications*, **2018**, 25, 21-27	13.4	105
36	A Dynamic Service Migration Mechanism in Edge Cognitive Computing. *ACM Transactions on Internet Technology*, **2019**, 19, 1-15	3.8	100
35	Label-less Learning for Traffic Control in an Edge Network. *IEEE Network*, **2018**, 32, 8-14	11.4	87
34	A 5G Cognitive System for Healthcare. *Big Data and Cognitive Computing*, **2017**, 1, 2	3.5	86
33	SPHA: Smart Personal Health Advisor Based on Deep Analytics. *IEEE Communications Magazine*, **2018**, 56, 164-169	9.1	85
32	. *IEEE Transactions on Services Computing*, **2018**, 11, 549-561	4.8	83
31	Label-less Learning for Emotion Cognition. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 2430-2440	10.3	75

30	Cognitive information measurements: A new perspective. *Information Sciences*, **2019**, 505,	7.7	66
29	Smart-Edge-CoCaCo: AI-Enabled Smart Edge with Joint Computation, Caching, and Communication in Heterogeneous IoT. *IEEE Network*, **2019**, 33, 58-64	11.4	61
28	Audio-visual emotion fusion (AVEF): A deep efficient weighted approach. *Information Fusion*, **2019**, 46, 184-192	16.7	58
27	Ready Player One: UAV-Clustering-Based Multi-Task Offloading for Vehicular VR/AR Gaming. *IEEE Network*, **2019**, 33, 42-48	11.4	43
26	Recurrent convolutional neural network based multimodal disease risk prediction. *Future Generation Computer Systems*, **2019**, 92, 76-83	7.5	32
25	Energy Harvesting Based Body Area Networks for Smart Health. *Sensors*, **2017**, 17,	3.8	25
24	Network Slicing Technology in a 5G Wearable Network. *IEEE Communications Standards Magazine*, **2018**, 2, 66-71	3.3	23
23	The introduction of population migration to SEIAR for COVID-19 epidemic modeling with an efficient intervention strategy. *Information Fusion*, **2020**, 64, 252-258	16.7	22
22	Wireless Fractal Ultra-Dense Cellular Networks. *Sensors*, **2017**, 17,	3.8	19
21	Emotion-Aware Video QoE Assessment Via Transfer Learning. *IEEE MultiMedia*, **2019**, 26, 31-40	2.1	15
20	Multiple Disease Risk Assessment With Uniform Model Based on Medical Clinical Notes. *IEEE Access* , **2016**, 4, 7074-7083	3.5	13
19	Profit Maximization for Video Caching and Processing in Edge Cloud. *IEEE Journal on Selected Areas in Communications*, **2019**, 37, 1632-1641	14.2	12
18	Deep Reinforcement Learning for Edge Service Placement in Softwarized Industrial Cyber-Physical System. *IEEE Transactions on Industrial Informatics*, **2021**, 17, 5552-5561	11.9	12
17	CP-Robot: Cloud-Assisted Pillow Robot for Emotion Sensing and Interaction. *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering*, **2016**, 81-93	0.2	10
16	Data-Driven Resource Management in a 5G Wearable Network Using Network Slicing Technology. *IEEE Sensors Journal*, **2019**, 19, 8379-8386	4	10
15	Cognitive-Caching: Cognitive Wireless Mobile Caching by Learning Fine-Grained Caching-Aware Indicators. *IEEE Wireless Communications*, **2020**, 27, 100-106	13.4	9
14	iTaskOffloading: Intelligent Task Offloading for a Cloud-Edge Collaborative System. *IEEE Network*, **2019**, 33, 82-88	11.4	8
13	6G Cognitive Information Theory: A Mailbox Perspective. *Big Data and Cognitive Computing*, **2021**, 5, 56	3.5	8

12	User Intent-Oriented Video QoE with Emotion Detection Networking **2016**,		7
11	Intelligent Task Caching in Edge Cloud via Bandit Learning. *IEEE Transactions on Network Science and Engineering*, **2021**, 8,	4.9	7
10	Cloud-Assisted Mood Fatigue Detection System. *Mobile Networks and Applications*, **2016**, 21, 744-752	2.9	4
9	Human-Like Hybrid Caching in Software-Defined Edge Cloud. *IEEE Internet of Things Journal*, **2020**, 7, 5806-5815	10.7	4
8	Learning for Smart Edge: Cognitive Learning-Based Computation Offloading. *Mobile Networks and Applications*, **2020**, 25, 1016-1022	2.9	4
7	Depression Analysis and Recognition Based on Functional Near-Infrared Spectroscopy. *IEEE Journal of Biomedical and Health Informatics*, **2021**, 25, 4289-4299	7.2	4
6	Cloud-assisted hugtive robot for affective interaction. *Multimedia Tools and Applications*, **2017**, 76, 10839-10854	2.5	4
5	A Multi-feature and Time-aware-based Stress Evaluation Mechanism for Mental Status Adjustment. *ACM Transactions on Multimedia Computing, Communications and Applications*, **2022**, 18, 1-18	3.4	2
4	Negative Information Measurement at AI Edge: A New Perspective for Mental Health Monitoring. *ACM Transactions on Internet Technology*, **2022**, 22, 1-16	3.8	2
3	Energy-efficient multiperiod planning of optical core network to support 5G networks. *Transactions on Emerging Telecommunications Technologies*, **2017**, 28, e3147	1.9	0
2	Adjuvant Therapy System of COVID-19 Patient: Integrating Warning, Therapy, Post-Therapy Psychological Intervention.. *IEEE Transactions on Network Science and Engineering*, **2022**, 9, 247-257	4.9	0
1	Non-uniform Pricing and Resource Allocation Economics for HetNet Based on Stackelberg Game. *IEEE Communications Letters*, **2021**, 1-1	3.8	