

# Yixue Hao

## List of Publications by Year in descending order

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49  
papers

4,835  
citations

218677

26  
h-index

233421

45  
g-index

50  
all docs

50  
docs citations

50  
times ranked

4935  
citing authors

#	ARTICLE	IF	CITATIONS
1	Task Offloading for Mobile Edge Computing in Software Defined Ultra-Dense Network. IEEE Journal on Selected Areas in Communications, 2018, 36, 587-597.	14.0	796
2	Disease Prediction by Machine Learning Over Big Data From Healthcare Communities. IEEE Access, 2017, 5, 8869-8879.	4.2	786
3	Narrow Band Internet of Things. IEEE Access, 2017, 5, 20557-20577.	4.2	342
4	Edge cognitive computing based smart healthcare system. Future Generation Computer Systems, 2018, 86, 403-411.	7.5	225
5	Energy Efficient Task Caching and Offloading for Mobile Edge Computing. IEEE Access, 2018, 6, 11365-11373.	4.2	217
6	On the computation offloading at ad hoc cloudlet: architecture and service modes. , 2015, 53, 18-24.		205
7	5G-Smart Diabetes: Toward Personalized Diabetes Diagnosis with Healthcare Big Data Clouds. IEEE Communications Magazine, 2018, 56, 16-23.	6.1	194
8	Data-Driven Computing and Caching in 5G Networks: Architecture and Delay Analysis. IEEE Wireless Communications, 2018, 25, 70-75.	9.0	169
9	Green and Mobility-Aware Caching in 5G Networks. IEEE Transactions on Wireless Communications, 2017, 16, 8347-8361.	9.2	147
10	Mobility-Aware Caching and Computation Offloading in 5G Ultra-Dense Cellular Networks. Sensors, 2016, 16, 974.	3.8	138
11	A Dynamic Service Migration Mechanism in Edge Cognitive Computing. ACM Transactions on Internet Technology, 2019, 19, 1-15.	4.4	134
12	Edge-CoCaCo: Toward Joint Optimization of Computation, Caching, and Communication on Edge Cloud. IEEE Wireless Communications, 2018, 25, 21-27.	9.0	128
13	SPHA: Smart Personal Health Advisor Based on Deep Analytics. IEEE Communications Magazine, 2018, 56, 164-169.	6.1	121
14	A 5G Cognitive System for Healthcare. Big Data and Cognitive Computing, 2017, 1, 2.	4.7	110
15	Label-less Learning for Traffic Control in an Edge Network. IEEE Network, 2018, 32, 8-14.	6.9	104
16	Audio-visual emotion fusion (AVEF): A deep efficient weighted approach. Information Fusion, 2019, 46, 184-192.	19.1	96
17	Smart-Edge-CoCaCo: AI-Enabled Smart Edge with Joint Computation, Caching, and Communication in Heterogeneous IoT. IEEE Network, 2019, 33, 58-64.	6.9	95
18	Opportunistic Task Scheduling over Co-Located Clouds in Mobile Environment. IEEE Transactions on Services Computing, 2018, 11, 549-561.	4.6	93

#	ARTICLE	IF	CITATIONS
19	Label-less Learning for Emotion Cognition. IEEE Transactions on Neural Networks and Learning Systems, 2019, 31, 1-11.	11.3	93
20	Cognitive information measurements: A new perspective. Information Sciences, 2019, 505, 487-497.	6.9	74
21	Ready Player One: UAV-Clustering-Based Multi-Task Offloading for Vehicular VR/AR Gaming. IEEE Network, 2019, 33, 42-48.	6.9	71
22	The introduction of population migration to SEIAR for COVID-19 epidemic modeling with an efficient intervention strategy. Information Fusion, 2020, 64, 252-258.	19.1	53
23	Recurrent convolutional neural network based multimodal disease risk prediction. Future Generation Computer Systems, 2019, 92, 76-83.	7.5	51
24	Deep Reinforcement Learning for Edge Service Placement in Softwarized Industrial Cyber-Physical System. IEEE Transactions on Industrial Informatics, 2021, 17, 5552-5561.	11.3	40
25	Energy Harvesting Based Body Area Networks for Smart Health. Sensors, 2017, 17, 1602.	3.8	31
26	Network Slicing Technology in a 5G Wearable Network. IEEE Communications Standards Magazine, 2018, 2, 66-71.	4.9	30
27	Profit Maximization for Video Caching and Processing in Edge Cloud. IEEE Journal on Selected Areas in Communications, 2019, 37, 1632-1641.	14.0	27
28	Wireless Fractal Ultra-Dense Cellular Networks. Sensors, 2017, 17, 841.	3.8	25
29	Emotion-Aware Video QoE Assessment Via Transfer Learning. IEEE MultiMedia, 2019, 26, 31-40.	1.7	23
30	6G Cognitive Information Theory: A Mailbox Perspective. Big Data and Cognitive Computing, 2021, 5, 56.	4.7	23
31	Depression Analysis and Recognition Based on Functional Near-Infrared Spectroscopy. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 4289-4299.	6.3	22
32	Multiple Disease Risk Assessment With Uniform Model Based on Medical Clinical Notes. IEEE Access, 2016, 4, 7074-7083.	4.2	20
33	Negative Information Measurement at AI Edge: A New Perspective for Mental Health Monitoring. ACM Transactions on Internet Technology, 2022, 22, 1-16.	4.4	18
34	iTaskOffloading: Intelligent Task Offloading for a Cloud-Edge Collaborative System. IEEE Network, 2019, 33, 82-88.	6.9	17
35	Cognitive-Caching: Cognitive Wireless Mobile Caching by Learning Fine-Grained Caching-Aware Indicators. IEEE Wireless Communications, 2020, 27, 100-106.	9.0	15
36	Intelligent Task Caching in Edge Cloud via Bandit Learning. IEEE Transactions on Network Science and Engineering, 2021, 8, 625-637.	6.4	15

#	ARTICLE	IF	CITATIONS
37	Data-Driven Resource Management in a 5G Wearable Network Using Network Slicing Technology. IEEE Sensors Journal, 2019, 19, 8379-8386.	4.7	14
38	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.	0.3	13
39	Learning for Smart Edge: Cognitive Learning-Based Computation Offloading. Mobile Networks and Applications, 2020, 25, 1016-1022.	3.3	9
40	User Intent-Oriented Video QoE with Emotion Detection Networking. , 2016, , .		7
41	Human-Like Hybrid Caching in Software-Defined Edge Cloud. IEEE Internet of Things Journal, 2020, 7, 5806-5815.	8.7	6
42	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.	4.3	5
43	Cloud-Assisted Mood Fatigue Detection System. Mobile Networks and Applications, 2016, 21, 744-752.	3.3	4
44	Cloud-assisted hugtive robot for affective interaction. Multimedia Tools and Applications, 2017, 76, 10839-10854.	3.9	4
45	Non-Uniform Pricing and Resource Allocation Economics for HetNet Based on Stackelberg Game. IEEE Communications Letters, 2022, 26, 632-636.	4.1	3
46	Cloud-assisted humanoid robotics for affective interaction. , 2016, , .		2
47	Online Vehicle Selection for Task Replication via Bandit Learning. , 2021, , .		2
48	Energy-efficient multiperiod planning of optical core network to support 5G networks. Transactions on Emerging Telecommunications Technologies, 2017, 28, e3147.	3.9	1
49	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.	6.4	1