

# Hongzhi Guo

## List of Publications by Year in descending order

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38  
papers

2,814  
citations

331670

21  
h-index

477307

29  
g-index

38  
all docs

38  
docs citations

38  
times ranked

2898  
citing authors

#	ARTICLE	IF	CITATIONS
1	ISVSF: Intelligent Vulnerability Detection Against Java via Sentence-Level Pattern Exploring. IEEE Systems Journal, 2022, 16, 1032-1043.	4.6	5
2	Vehicular intelligence in 6G: Networking, communications, and computing. Vehicular Communications, 2022, 33, 100399.	4.0	36
3	Deep Reinforcement Learning for Securing Software-Defined Industrial Networks With Distributed Control Plane. IEEE Transactions on Industrial Informatics, 2022, 18, 4275-4285.	11.3	6
4	A Survey on Space-Air-Ground-Sea Integrated Network Security in 6G. IEEE Communications Surveys and Tutorials, 2022, 24, 53-87.	39.4	140
5	Inter-Server Collaborative Federated Learning for Ultra-Dense Edge Computing. IEEE Transactions on Wireless Communications, 2022, 21, 5191-5203.	9.2	18
6	Achieve Load Balancing in Multi-UAV Edge Computing IoT Networks: A Dynamic Entry and Exit Mechanism. IEEE Internet of Things Journal, 2022, 9, 18725-18736.	8.7	18
7	Countering Large-Scale Drone Swarm Attack by Efficient Splitting. IEEE Transactions on Vehicular Technology, 2022, 71, 9967-9979.	6.3	7
8	Toward Intelligent Task Offloading at the Edge. IEEE Network, 2020, 34, 128-134.	6.9	53
9	UAV-Enhanced Intelligent Offloading for Internet of Things at the Edge. IEEE Transactions on Industrial Informatics, 2020, 16, 2737-2746.	11.3	209
10	Smart and Resilient EV Charging in SDN-Enhanced Vehicular Edge Computing Networks. IEEE Journal on Selected Areas in Communications, 2020, 38, 217-228.	14.0	130
11	Intelligent Task Offloading in Vehicular Edge Computing Networks. IEEE Wireless Communications, 2020, 27, 126-132.	9.0	90
12	Task Offloading in Vehicular Edge Computing Networks: A Load-Balancing Solution. IEEE Transactions on Vehicular Technology, 2020, 69, 2092-2104.	6.3	246
13	Envisioning Device-to-Device Communications in 6G. IEEE Network, 2020, 34, 86-91.	6.9	165
14	Toward Robust and Intelligent Drone Swarm: Challenges and Future Directions. IEEE Network, 2020, 34, 278-283.	6.9	51
15	Toward Swarm Coordination: Topology-Aware Inter-UAV Routing Optimization. IEEE Transactions on Vehicular Technology, 2020, 69, 10177-10187.	6.3	62
16	Adaptive Task Offloading in Vehicular Edge Computing Networks: a Reinforcement Learning Based Scheme. Mobile Networks and Applications, 2020, 25, 1736-1745.	3.3	25
17	Achieving Robust and Efficient Consensus for Large-Scale Drone Swarm. IEEE Transactions on Vehicular Technology, 2020, 69, 15867-15879.	6.3	17
18	A Reinforcement Learning Based Task Offloading Scheme for Vehicular Edge Computing Network. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 438-449.	0.3	12

#	ARTICLE	IF	CITATIONS
19	Collaborative Computation Offloading at UAV-Enhanced Edge. , 2019, , .		11
20	Smart Resource Configuration and Task Offloading with Ultra-Dense Edge Computing. , 2019, , .		4
21	Joint Computation Offloading and Resource Configuration in Ultra-Dense Edge Computing Networks: A Deep Reinforcement Learning Solution. , 2019, , .		7
22	FiWi-Enhanced Vehicular Edge Computing Networks: Collaborative Task Offloading. IEEE Vehicular Technology Magazine, 2019, 14, 45-53.	3.4	69
23	Energy-Aware Computation Offloading and Transmit Power Allocation in Ultradense IoT Networks. IEEE Internet of Things Journal, 2019, 6, 4317-4329.	8.7	67
24	Task Offloading in UAV-Aided Edge Computing: Bit Allocation and Trajectory Optimization. IEEE Communications Letters, 2019, 23, 538-541.	4.1	113
25	Big Data Acquisition Under Failures in FiWi Enhanced Smart Grid. IEEE Transactions on Emerging Topics in Computing, 2019, 7, 420-432.	4.6	25
26	Collaborative Computation Offloading for Multiaccess Edge Computing Over Fiber-Wireless Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 4514-4526.	6.3	306
27	On Minimizing Energy Consumption in FiWi Enhanced LTE-A HetNets. IEEE Transactions on Emerging Topics in Computing, 2018, 6, 579-591.	4.6	21
28	Energy-Aware Task Offloading for Ultra-Dense Edge Computing. , 2018, , .		8
29	Energy-Efficient Task Offloading and Transmit Power Allocation for Ultra-Dense Edge Computing. , 2018, , .		19
30	Optimal Satellite Gateway Placement in Space-Ground Integrated Networks. IEEE Network, 2018, 32, 32-37.	6.9	58
31	Efficient Computation Offloading for Multi-Access Edge Computing in 5G HetNets. , 2018, , .		51
32	Mobile-Edge Computation Offloading for Ultradense IoT Networks. IEEE Internet of Things Journal, 2018, 5, 4977-4988.	8.7	238
33	Computation Offloading for Multi-Access Mobile Edge Computing in Ultra-Dense Networks. IEEE Communications Magazine, 2018, 56, 14-19.	6.1	280
34	Fault Detection and Repairing for Intelligent Connected Vehicles Based on Dynamic Bayesian Network Model. IEEE Internet of Things Journal, 2018, 5, 2431-2440.	8.7	51
35	Optimal Placement of Virtual Machines in Mobile Edge Computing. , 2017, , .		25
36	Collaborative Computation Offloading for Mobile-Edge Computing over Fiber-Wireless Networks. , 2017, , .		12

#	ARTICLE	IF	CITATIONS
37	Energy Consumption Minimization for FiWi Enhanced LTE-A HetNets with UE Connection Constraint. , 2016, 54, 56-62.		41
38	New Perspectives on Future Smart FiWi Networks: Scalability, Reliability, and Energy Efficiency. IEEE Communications Surveys and Tutorials, 2016, 18, 1045-1072.	39.4	118