Nguyen Van Huynh

List of Publications by Year
in descending order

33	1,128	759233 12	888059 17
papers	citations	h-index	g-index

33	33	33	1169
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Joint Speed Control and Energy Replenishment Optimization for UAV-Assisted IoT Data Collection With Deep Reinforcement Transfer Learning. IEEE Internet of Things Journal, 2023, 10, 5778-5793.	8.7	12
2	Joint Coding and Scheduling Optimization for Distributed Learning Over Wireless Edge Networks. IEEE Journal on Selected Areas in Communications, 2022, 40, 484-498.	14.0	6
3	Defeating Super-Reactive Jammers With Deception Strategy: Modeling, Signal Detection, and Performance Analysis. IEEE Transactions on Wireless Communications, 2022, 21, 7374-7390.	9.2	4
4	Transfer Learning for Wireless Networks: A Comprehensive Survey. Proceedings of the IEEE, 2022, 110, 1073-1115.	21.3	28
5	Time Scheduling and Energy Trading for Heterogeneous Wireless-Powered and Backscattering-Based IoT Networks. IEEE Transactions on Wireless Communications, 2021, 20, 6835-6851.	9.2	9
6	DeepFake: Deep Dueling-Based Deception Strategy to Defeat Reactive Jammers. IEEE Transactions on Wireless Communications, 2021, 20, 6898-6914.	9.2	13
7	Fast or Slow: An Autonomous Speed Control Approach for UAV-assisted IoT Data Collection Networks. , 2021, , .		5
8	Defeating Reactive Jammers with Deep Dueling-based Deception Mechanism. , 2021, , .		1
9	Optimal Beam Association for High Mobility mmWave Vehicular Networks: Lightweight Parallel Reinforcement Learning Approach. IEEE Transactions on Communications, 2021, 69, 5948-5961.	7.8	8
10	Dynamic Optimal Coding and Scheduling for Distributed Learning over Wireless Edge Networks. , 2021, , .		0
11	Ambient Backscatter: A Novel Method to Defend Jamming Attacks for Wireless Networks. IEEE Wireless Communications Letters, 2020, 9, 175-178.	5.0	21
12	Defeating Smart and Reactive Jammers with Unlimited Power. , 2020, , .		9
13	A Comprehensive Survey of Enabling and Emerging Technologies for Social Distancingâ€”Part II: Emerging Technologies and Open Issues. IEEE Access, 2020, 8, 154209-154236.	4.2	71
14	A Comprehensive Survey of Enabling and Emerging Technologies for Social Distancingâ€”Part I: Fundamentals and Enabling Technologies. IEEE Access, 2020, 8, 153479-153507.	4.2	114
15	Performance Improvement for Ambient Backscatter Communication Systems. , 2020, , 221-244.		0
16	Defeating Jamming Attacks with Ambient Backscatter Communications. , 2020, , .		2
17	Energy Trading and Time Scheduling for Energy-Efficient Heterogeneous Low-Power IoT Networks. , 2020, , .		4
18	Optimal Beam Association in mmWave Vehicular Networks with Parallel Reinforcement Learning. , 2020, , .		0

#	Article	IF	Citations
19	Energy Management and Time Scheduling for Heterogeneous IoT Wireless-Powered Backscatter Networks. , 2019, , .		5
20	Optimal and Low-Complexity Dynamic Spectrum Access for RF-Powered Ambient Backscatter System With Online Reinforcement Learning. IEEE Transactions on Communications, 2019, 67, 5736-5752.	7.8	25
21	â€œJam Me If You Can:â€•Defeating Jammer With Deep Dueling Neural Network Architecture and Ambient Backscattering Augmented Communications. IEEE Journal on Selected Areas in Communications, 2019, 37, 2603-2620.	14.0	56
22	Real-Time Network Slicing with Uncertain Demand: A Deep Learning Approach. , 2019, , .		10
23	Optimal and Fast Real-Time Resource Slicing With Deep Dueling Neural Networks. IEEE Journal on Selected Areas in Communications, 2019, 37, 1455-1470.	14.0	82
24	Optimal Time Scheduling for Wireless-Powered Backscatter Communication Networks. IEEE Wireless Communications Letters, 2018, 7, 820-823.	5.0	38
25	Reinforcement Learning Approach for RF-Powered Cognitive Radio Network with Ambient Backscatter. , 2018, , .		13
26	Offloading Energy Efficiency with Delay Constraint for Cooperative Mobile Edge Computing Networks. , 2018, , .		30
27	Ambient Backscatter Communications: A Contemporary Survey. IEEE Communications Surveys and Tutorials, 2018, 20, 2889-2922.	39.4	523
28	Physical-virtual topological visualization of OF@TEIN SDN-enabled multi-site cloud. , 2017, , .		1
29	Joint network embedding and server consolidation for energyâ€“efficient dynamic data center virtualization. Computer Networks, 2017, 125, 76-89.	5.1	17
30	Reducing Middle Nodes Mapping Algorithm for Energy Efficiency in Network Virtualization. Advances in Intelligent Systems and Computing, 2017, , 500-509.	0.6	0
31	An Energy-Aware Embedding Algorithm for Virtual Data Centers. , 2016, , .		3
32	Constructing Energy-Aware Software-Defined Network Virtualization. Proceedings of the Asia-Pacific Advanced Network, 2015, 40, 14.	0.3	0
33	A generalized resource allocation framework in support of multi-layer virtual network embedding based on SDN. Computer Networks, 2015, 92, 251-269.	5.1	18