Long Dinh Nguyen

List of Publications by Year
in descending order

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27 papers	824 citations	516710 16 h-index	677142 22 g-index
27 all docs	27 docs citations	27 times ranked	739 citing authors

#	Article	IF	Citations
1	Role of UAVs in Public Safety Communications: Energy Efficiency Perspective. IEEE Access, 2019, 7, 140665-140679.	4.2	75
2	Joint Optimisation of Real-Time Deployment and Resource Allocation for UAV-Aided Disaster Emergency Communications. IEEE Journal on Selected Areas in Communications, 2021, 39, 3411-3424.	14.0	71
3	Real-Time Optimal Resource Allocation for Embedded UAV Communication Systems. IEEE Wireless Communications Letters, 2019, 8, 225-228.	5.0	68
4	Energy-Efficient and Throughput Fair Resource Allocation for TS-NOMA UAV-Assisted Communications. IEEE Transactions on Communications, 2020, 68, 7156-7169.	7.8	53
5	Downlink Beamforming for Energy-Efficient Heterogeneous Networks With Massive MIMO and Small Cells. IEEE Transactions on Wireless Communications, 2018, 17, 3386-3400.	9.2	51
6	Risk-Aware Identification of Highly Suspected COVID-19 Cases in Social IoT: A Joint Graph Theory and Reinforcement Learning Approach. IEEE Access, 2020, 8, 115655-115661.	4.2	46
7	Multi-User Regularized Zero-Forcing Beamforming. IEEE Transactions on Signal Processing, 2019, 67, 2839-2853.	5.3	43
8	Distributed Deep Deterministic Policy Gradient for Power Allocation Control in D2D-Based V2V Communications. IEEE Access, 2019, 7, 164533-164543.	4.2	40
9	Learning-Aided Realtime Performance Optimisation of Cognitive UAV-Assisted Disaster Communication. , 2019, , .		33
10	UAV-Assisted Emergency Communications in Social IoT: A Dynamic Hypergraph Coloring Approach. IEEE Internet of Things Journal, 2020, 7, 7663-7677.	8.7	33
11	Real-Time Deployment and Resource Allocation for Distributed UAV Systems in Disaster Relief. , 2019, , .		32
12	An Energy-Efficient Clustering and Routing Framework for Disaster Relief Network. IEEE Access, 2019, 7, 56520-56532.	4.2	30
13	An Introduction of Real-time Embedded Optimisation Programming for UAV Systems under Disaster Communication. EAI Endorsed Transactions on Industrial Networks and Intelligent Systems, 2018, 5, 156080.	1.9	30
14	Real-Time Energy Harvesting Aided Scheduling in UAV-Assisted D2D Networks Relying on Deep Reinforcement Learning. IEEE Access, 2021, 9, 3638-3648.	4.2	29
15	Reconfigurable Intelligent Surface-Assisted Multi-UAV Networks: Efficient Resource Allocation With Deep Reinforcement Learning. IEEE Journal on Selected Topics in Signal Processing, 2022, 16, 358-368.	10.8	27
16	Resource Allocation for Energy Efficiency in 5G Wireless Networks. EAI Endorsed Transactions on Industrial Networks and Intelligent Systems, 2018, 5, 154832.	1.9	23
17	Practical Optimisation of Path Planning and Completion Time of Data Collection for UAV-enabled Disaster Communications. , 2019, , .		20
18	Real-Time Optimized Path Planning and Energy Consumption for Data Collection in Unmanned Ariel Vehicles-Aided Intelligent Wireless Sensing. IEEE Transactions on Industrial Informatics, 2022, 18, 2753-2761.	11.3	19

#	Article	IF	Citations
19	Spectrum-Sharing UAV-Assisted Mission-Critical Communication: Learning-Aided Real-Time Optimisation. IEEE Access, 2021, 9, 11622-11632.	4.2	18
20	Energy-Efficient Multi-Cell Massive MIMO Subject to Minimum User-Rate Constraints. IEEE Transactions on Communications, 2021, 69, 914-928.	7.8	15
21	Outage probability of full-duplex cognitive relay networks with partial relay selection. , 2017, , .		13
22	Security Enhanced Content Sharing in Social IoT: A Directed Hypergraph-Based Learning Scheme. IEEE Transactions on Vehicular Technology, 2020, 69, 4412-4425.	6.3	13
23	Practical Optimization and Game Theory for 6G Ultra-Dense Networks: Overview and Research Challenges. IEEE Access, 2022, 10, 13311-13328.	4.2	13
24	Beamforming and power allocation for energy-efficient massive MIMO. , 2017, , .		11
25	Secure cognitive radio networks with source selection and unreliable backhaul connections. IET Communications, 2018, 12, 1771-1777.	2.2	8
26	Advanced Machine Learning Techniques for Predicting Nha Trang Shorelines. IEEE Access, 2021, 9, 98132-98149.	4.2	8
27	Real-time Optimisation for Industrial Internet of Things (IIoT): Overview, Challenges and Opportunities. EAI Endorsed Transactions on Industrial Networks and Intelligent Systems, 2021, 7, 167654.	1.9	2