Peng He

List of Publications by Year
in descending order

24 papers	116 citations	1683934 5 h-index	1474057 9 g-index
25 all docs	25 docs citations	25 times ranked	72 citing authors

#	Article	IF	Citations
1	Improving reliability performance of diffusion‐based molecular communication with adaptive threshold variation algorithm. International Journal of Communication Systems, 2016, 29, 2669-2680.	1.6	27
2	Community-Oriented Multimedia Content Maximization Mechanism in Social Internet of Things. IEEE Access, 2020, 8, 22826-22833.	2.6	12
3	Stochastic Channel Switching of Frequency-Encoded Signals in Molecular Communication Networks. IEEE Communications Letters, 2018, 22, 332-335.	2.5	11
4	Calcium Signaling in Mobile Molecular Communication Networks: From a Multimedia View. IEEE Access, 2019, 7, 164825-164834.	2.6	10
5	QoS Guaranteed Network Slicing Orchestration for Internet of Vehicles. IEEE Internet of Things Journal, 2022, 9, 15215-15227.	5.5	10
6	Channel Switching in Molecular Communication Networks through Calcium Signaling. , 2017, , .		8
7	A Two-Timescale Resource Allocation Scheme in Vehicular Network Slicing. , 2021, , .		7
8	Calcium Signaling in Mobile Molecular Communication Networks. , 2019, , .		5
9	Chain Modeling of Molecular Communications for Body Area Network. Sensors, 2019, 19, 395.	2.1	4
10	Epidemic-Like Calcium Signaling in Mobile Molecular Communication Networks. IEEE Transactions on Nanobioscience, 2022, 21, 425-438.	2.2	4
11	Channel capacity analysis for molecular communication with continuous molecule emission. , 2013, , .		3
12	Hierarchical Cooperative Caching Strategy in Cached-Enabled Heterogeneous Networks. , 2022, , .		3
13	Adaptive Threshold Variation Algorithm for Diffusion-based Molecular Communication. , 2015, , .		2
14	Distortion Propagation Based Quantization Parameter Cascading Method for Screen Content Video Coding. IEEE Access, 2019, 7, 172526-172533.	2.6	2
15	Service Provisioning in Sliced Cloud Radio Access Networks. Wireless Communications and Mobile Computing, 2022, 2022, 1-12.	0.8	2
16	Channel Aggregation in Molecular Communication Network Based on Calcium Signal. , 2019, , .		1
17	Distributed Power Controller of Massive Wireless Body Area Networks based on Deep Reinforcement Learning. Mobile Networks and Applications, 2021, 26, 1347-1358.	2.2	1
18	Auction Pricing-Based Task Offloading Strategy for Cooperative Edge Computing. , 2021, , .		1

#	Article	IF	Citations
19	Graph-Based Edge-User Collaborative Caching with Social Attributes. , 2021, , .		1
20	Multi-Vehicle Intelligent Collaborative Computing Strategy for Internet of Vehicles. , 2022, , .		1
21	Decision-making Strategy of Channel Switching in Molecular Communication Networks. , 2019, , .		0
22	Transmission Performance Guaranteed Task Distribution Strategy in Mobile Crowdsensing. , 2021, , .		0
23	Social-Aware Caching Strategy Based on Joint Action Deep Reinforcement Learning. Wireless Communications and Mobile Computing, 2021, 2021, 1-15.	0.8	0
24	Attenuated Calcium Signaling in Mobile Molecular Communication. , 2021, , .		0