Li Feng

List of Publications by Year
in descending order

30 papers	259 citations	1307366 7 h-index	940416 16 g-index
30 all docs	30 docs citations	30 times ranked	307 citing authors

#	Article	IF	Citations
1	A Novel Data Fusion Algorithm to Combat False Data Injection Attacks in Networked Radar Systems. IEEE Transactions on Signal and Information Processing Over Networks, 2018, 4, 125-136.	1.6	52
2	A Local Energy Consumption Prediction-Based Clustering Protocol for Wireless Sensor Networks. Sensors, 2014, 14, 23017-23040.	2.1	42
3	DS-MAC: An energy efficient demand sleep MAC protocol with low latency for wireless sensor networks. Journal of Network and Computer Applications, 2015, 58, 155-164.	5.8	28
4	Design and Analysis of a Distributed and Demand-Based Backscatter MAC Protocol for Internet of Things Networks. IEEE Internet of Things Journal, 2019, 6, 1246-1256.	5.5	22
5	CEDAR: A Cost-Effective Crowdsensing System for Detecting and Localizing Drones. IEEE Transactions on Mobile Computing, 2020, 19, 2028-2043.	3.9	20
6	A New Delay Analysis for IEEE 802.11 PCF. IEEE Transactions on Vehicular Technology, 2013, 62, 4064-4069.	3.9	15
7	Stock price prediction based on LSTM and LightGBM hybrid model. Journal of Supercomputing, 2022, 78, 11768-11793.	2.4	11
8	Connected dominating set construction in cognitive radio networks. Personal and Ubiquitous Computing, 2016, 20, 757-769.	1.9	10
9	SatOpt Partition: Dividing Throughput-Stability Region for IEEE 802.11 DCF Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 10278-10290.	3.9	8
10	A novel contention-on-demand design for WiFi hotspots. Personal and Ubiquitous Computing, 2016, 20, 705-716.	1.9	7
11	Enabling Sector Scheduling for 5G-CPE Dense Networks. Security and Communication Networks, 2020, 2020, 1-18.	1.0	7
12	How Much Benefit Can Dynamic Frequency Scaling Bring to WiFi?. IEEE Transactions on Mobile Computing, 2021, 20, 1046-1063.	3.9	6
13	A Novel Analysis of Delay and Power Consumption for Polling With PHY-Assisted Power Management. IEEE Transactions on Industrial Electronics, 2018, 65, 3610-3620.	5.2	5
14	Supporting Asymmetric Transmission for Full-Duplex Smart-Home Networks. IEEE Access, 2019, 7, 34807-34822.	2.6	3
15	Low-Cost and Long-Range Node-Assisted WiFi Backscatter Communication for 5G-Enabled IoT Networks. Wireless Communications and Mobile Computing, 2021, 2021, 1-9.	0.8	3
16	A novel CFN-Watchdog protocol for edge computing. Applied Soft Computing Journal, 2021, 113, 107873.	4.1	3
17	Alteration Detection of Multispectral/Hyperspectral Images Using Dual-Path Partial Recurrent Networks. Remote Sensing, 2021, 13, 4802.	1.8	3
18	Integer-multiple-spacing-based scheduling for multimedia applications in IEEE 802.11e HCCA wireless networks. Computer Networks, 2012, 56, 3767-3782.	3.2	2

#	Article	IF	Citations
19	Predicting freshmen enrollment based on machine learning. Journal of Supercomputing, 2021, 77, 11853-11865.	2.4	2
20	ERFR-CTC: Exploiting Residual Frequency Resources in Physical-Level Cross-Technology Communication. IEEE Internet of Things Journal, 2021, 8, 6062-6076.	5.5	2
21	A Blockchain-Based Decentralized Framework for Fair Data Processing. IEEE Transactions on Network Science and Engineering, 2021, 8, 2301-2315.	4.1	2
22	A Novel Successive-Interference-Cancellation- Aware Design for Wireless Networks Using Software-Defined Networking. IEEE Access, 2021, 9, 124861-124872.	2.6	2
23	A Novel Pure Limited Queueing Model for IEEE 802.11 Contention-Free Networks. Wireless Personal Communications, 2015, 83, 2347-2357.	1.8	1
24	M-T2F: A High-Efficient Contention Protocol for Wireless Networking in Cyber-Physical-Social Systems. IEEE Transactions on Network Science and Engineering, 2022, 9, 3860-3869.	4.1	1
25	Backoff Entropy: Predicting Presaturation Peak for IEEE 802.11 DCF Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 1901-1912.	3.9	1
26	Performance analysis of PoUW consensus mechanism: Fork probability and throughput. Peer-to-Peer Networking and Applications, 2022, 15, 1126.	2.6	1
27	Modeling the Impact of the MoreData Parameter for Wireless Power-Saving Protocols. IEEE Transactions on Green Communications and Networking, 2020, 4, 1061-1071.	3.5	0
28	Predicting impact of Hitchhike on coexisted heterogeneous IoT networks. Applied Soft Computing Journal, 2021, 110, 107741.	4.1	0
29	Wi-Sector - A Novel Sector-Based WiFi Scheduling. Communications in Computer and Information Science, 2020, , 154-162.	0.4	0
30	Design and analysis of a novel collision notification scheme for IoT environments. Journal of Supercomputing, 0, , .	2.4	0