Julie A Mccann

List of Publications by Year
in descending order

21	511	1163117	996975
papers	citations	8 h-index	15 g-index

21	21	21	634
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Survey of Potential Security Issues in Existing Wireless Sensor Network Protocols. IEEE Internet of Things Journal, 2017, 4, 1910-1923.	8.7	190
2	Resource Allocation in Wireless Powered IoT Networks. IEEE Internet of Things Journal, 2019, 6, 4935-4945.	8.7	47
3	Efficient partial-pairs simrank search on large networks. Proceedings of the VLDB Endowment, 2015, 8, 569-580.	3.8	46
4	Resource Efficiency in Low-Power Wide-Area Networks for IoT Applications. , 2017, , .		42
5	SimRank*: effective and scalable pairwise similarity search based on graph topology. VLDB Journal, 2019, 28, 401-426.	4.1	33
6	Communication Schemes for Centralized and Decentralized Event-Triggered Control Systems. IEEE Transactions on Control Systems Technology, 2018, 26, 2035-2048.	5.2	31
7	Performance Analysis of Clustered LoRa Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 7616-7629.	6.3	22
8	Dynamic Decentralized Periodic Event-Triggered Control for Wireless Cyberâ€“Physical Systems. IEEE Transactions on Control Systems Technology, 2021, 29, 1783-1790.	5.2	18
9	Random Walk with Restart over Dynamic Graphs. , 2016, , .		14
10	Minimum Throughput Maximization in LoRa Networks Powered by Ambient Energy Harvesting. , 2019, , .		14
11	LoRa-LiSK: A Lightweight Shared Secret Key Generation Scheme for LoRa Networks. IEEE Internet of Things Journal, 2022, 9, 4110-4124.	8.7	13
12	Sig-SR. , 2014, , .		8
13	User Fairness in Energy Harvesting-Based LoRa Networks With Imperfect SF Orthogonality. IEEE Transactions on Communications, 2021, 69, 4319-4334.	7.8	8
14	Resource Allocation for Non-Orthogonal Multiple Access (NOMA) Enabled LPWA Networks. , 2019, , .		7
15	Failure Detection Methods for Pipeline Networks: From Acoustic Sensing to Cyber-Physical Systems. Sensors, 2021, 21, 4959.	3.8	7
16	A Simplified Historical-Information-Based SOC Prediction Method for Supercapacitors. IEEE Transactions on Industrial Electronics, 2022, 69, 13090-13098.	7.9	4
17	Scaling High-Quality Pairwise Link-Based Similarity Retrieval on Billion-Edge Graphs. ACM Transactions on Information Systems, 2022, 40, 1-45.	4.9	3
18	IRONWAN: Increasing Reliability of Overlapping Networks in LoRaWAN. IEEE Internet of Things Journal, 2022, 9, 10763-10776.	8.7	2

#	Article	IF	Citations
19	Efficient Pairwise Penetrating-rank Similarity Retrieval. ACM Transactions on the Web, 2019, 13, 1-52.	2.5	1
20	SING: Free-Space SensING of Grape Moisture Using RF Shadowing. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-12.	4.7	1
21	From IoT to Ephemeral Computing. , 2017, , .		0