Janise McNair

List of Publications by Year
in descending order

45	365	1307594	1058476
papers	citations	7	14
		h-index	g-index

45	45	45	302
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cross‐layered distributed data‐driven framework for enhanced smart grid cyber‐physical security. IET Smart Grid, 2022, 5, 398-416.	2.2	6
2	The 6G frequency switch that spares scientific services. Nature, 2022, 606, 34-35.	27.8	7
3	Implementation Aspects of Smart Grids Cyber-Security Cross-Layered Framework for Critical Infrastructure Operation. Applied Sciences (Switzerland), 2022, 12, 6868.	2.5	7
4	Development of a Wireless Sensor Network for Field Level Strawberry Disease Alert Systems. Applied Engineering in Agriculture, 2021, 37, 183-192.	0.7	1
5	A Design and Development Experience of an Internet of Things Platform to Monitor Site-Specific Weather Conditions at the Farm Level. Applied Engineering in Agriculture, 2021, 37, 691-700.	0.7	0
6	State Estimator and Machine Learning Analysis of Residual Differences to Detect and Identify FDI and Parameter Errors in Smart Grids. , 2021, , .		6
7	GLASS: A Graph Learning Approach for Software Defined Network Based Smart Grid DDoS Security. , 2021, , .		6
8	A Network Parameter Database False Data Injection Correction Physics-Based Model: A Machine Learning Synthetic Measurement-Based Approach. Applied Sciences (Switzerland), 2021, 11, 8074.	2.5	4
9	Smart FDI Attack Design and Detection with Data Transmutation Framework for Smart Grids. , 2021, , .		1
10	Hybrid data‐driven physics model‐based framework for enhanced cyber‐physical smart grid security. IET Smart Grid, 2020, 3, 445-453.	2.2	23
11	Ensemble CorrDet with adaptive statistics for bad data detection. IET Smart Grid, 2020, 3, 572-580.	2.2	17
12	How to Avoid Common Problems with Leaf Wetness Sensor Installation and Maintenance. Edis, 2020, 2020, .	0.1	1
13	Denial of Service Detection & Mitigation Scheme using Responsive Autonomic Virtual Networks (RAvN). , 2019, , .		1
14	Data-driven Physics-based Solution for False Data Injection Diagnosis in Smart Grids. , 2019, , .		13
15	Deep Reinforcement Learning Agent for Playing 2D Shooting Games. International Journal of Control and Automation, 2018, 11, 193-200.	0.3	1
16	Toward Resilient Smart Grid Communications Using Distributed SDN with ML-Based Anomaly Detection. Lecture Notes in Computer Science, 2018, , 83-94.	1.3	10
17	What Is a Wireless Sensor Network?. Edis, 2018, 2018, .	0.1	1
18	In Vivo Evaluation of the Secure Opportunistic Schemes Middleware Using a Delay Tolerant Social Network. , 2017, , .		9

#	Article	IF	Citations
19	Distributed Throughput Maximization in Wireless Networks Using the Stability Region. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 1713-1723.	5.6	0
20	Dynamic spectrum access with packet size adaptation and residual energy balancing for energy-constrained cognitive radio sensor networks. Journal of Network and Computer Applications, 2014, 41, 157-166.	9.1	18
21	Delivering Low Latency Video using TCP with Network Coding over Wireless Network. International Journal of Computer Applications, 2014, 87, 1-8.	0.2	7
22	A performance comparison of DTN protocols for high delay optical channels. , 2013, , .		0
23	On the Accuracy of Maximum Likelihood Estimation for Primary User Behavior in Cognitive Radio Networks. IEEE Communications Letters, 2013, 17, 888-891.	4.1	10
24	Deadline Based Resource Balancing Task Allocation for Clustered Heterogeneous LEO Small Satellite Network. , 2013, , .		6
25	Optimal integration time for energy-detection PPM UWB systems. , 2012, , .		1
26	Weight based dominating set clustering algorithm for small satellite networks. , 2012, , .		4
27	Primary user behavior estimation with adaptive length of the sample sequence. , 2012, , .		3
28	Stability Analysis of Reservation-Based Scheduling Policies in Wireless Networks. IEEE Transactions on Parallel and Distributed Systems, 2012, 23, 760-767.	5.6	6
29	Multi-Layer Simulation Design and Validation for a Two-Tier Fault-Tolerant WDM LAN. Journal of Optical Communications and Networking, 2012, 4, 142.	4.8	1
30	A Holistic Solution to the Bi-Link-Failure-Free RWA Problem for 2-D-Torus-Based WDM LANs. Journal of Lightwave Technology, 2012, 30, 3468-3474.	4.6	0
31	A solution for Co-Service of real-time and non-realtime traffic in cellular cognitive radio networks. , 2012, , .		0
32	Residual energy aware channel assignment in cognitive radio sensor networks. , 2011, , .		48
33	Bi-link-failure-free Routing and Wavelength Assignment for torus-based avionic WDM LANs. , 2011, , .		1
34	Topology design and performance analysis for networked earth observing small satellites. , 2011, , .		19
35	Optimal receiver bandwidth for energy-detection PPM UWB systems. , 2011, , .		3
36	Tradeoff Study on Fault Tolerance Capacity and Resource Utilization for the Torus-Based Mission-Critical All-Optical WDM LANs. , 2011, , .		1

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37	Effect of on/off misbehavior on overhearing based cooperation scheme for MANET. , 2010, , .		8
38	Circulant-Graph-Based Fault-Tolerant Routing for All-Optical WDM LANs. , 2010, , .		6
39	A Smart-NIC-Based Power-Proxy Solution for Reduced Power Consumption during Instant Messaging. , 2010, , .		3
40	Secure probabilistic location verification in randomly deployed wireless sensor networks. Ad Hoc Networks, 2008, 6, 195-209.	5.5	38
41	A contention-based service scheduling protocol for multi-node multi-server wireless sensor networks. , 2008, , .		0
42	A Cross-Layering Design for IPv6 Fast Handover Support in an IEEE 802.16e Wireless MAN. IEEE Network, 2007, 21, 54-62.	6.9	41
43	Fault Tolerant Three Dimensional Environment Monitoring using Wireless Sensor Networks. , 2006, , .		1
44	Location Verification using Communication Range Variation for Wireless Sensor Networks. , 2006, , .		5
45	A Probabilistic Approach to Location Verification in Wireless Sensor Networks. , 2006, , .		21