

Janise McNair

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

365
citations

1307594

7
h-index

1058476

14
g-index

45
all docs

45
docs citations

45
times ranked

302
citing authors

#	ARTICLE	IF	CITATIONS
1	Residual energy aware channel assignment in cognitive radio sensor networks. , 2011, , .		48
2	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
3	Secure probabilistic location verification in randomly deployed wireless sensor networks. Ad Hoc Networks, 2008, 6, 195-209.	5.5	38
4	Hybrid data-driven physics model-based framework for enhanced cyber-physical smart grid security. IET Smart Grid, 2020, 3, 445-453.	2.2	23
5	A Probabilistic Approach to Location Verification in Wireless Sensor Networks. , 2006, , .		21
6	Topology design and performance analysis for networked earth observing small satellites. , 2011, , .		19
7	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
8	Ensemble CorrDet with adaptive statistics for bad data detection. IET Smart Grid, 2020, 3, 572-580.	2.2	17
9	Data-driven Physics-based Solution for False Data Injection Diagnosis in Smart Grids. , 2019, , .		13
10	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
11	Toward Resilient Smart Grid Communications Using Distributed SDN with ML-Based Anomaly Detection. Lecture Notes in Computer Science, 2018, , 83-94.	1.3	10
12	In Vivo Evaluation of the Secure Opportunistic Schemes Middleware Using a Delay Tolerant Social Network. , 2017, , .		9
13	Effect of on/off misbehavior on overhearing based cooperation scheme for MANET. , 2010, , .		8
14	Delivering Low Latency Video using TCP with Network Coding over Wireless Network. International Journal of Computer Applications, 2014, 87, 1-8.	0.2	7
15	The 6G frequency switch that spares scientific services. Nature, 2022, 606, 34-35.	27.8	7
16	Implementation Aspects of Smart Grids Cyber-Security Cross-Layered Framework for Critical Infrastructure Operation. Applied Sciences (Switzerland), 2022, 12, 6868.	2.5	7
17	Circulant-Graph-Based Fault-Tolerant Routing for All-Optical WDM LANs. , 2010, , .		6
18	Stability Analysis of Reservation-Based Scheduling Policies in Wireless Networks. IEEE Transactions on Parallel and Distributed Systems, 2012, 23, 760-767.	5.6	6

#	ARTICLE	IF	CITATIONS
19	Deadline Based Resource Balancing Task Allocation for Clustered Heterogeneous LEO Small Satellite Network. , 2013, , .		6
20	State Estimator and Machine Learning Analysis of Residual Differences to Detect and Identify FDI and Parameter Errors in Smart Grids. , 2021, , .		6
21	GLASS: A Graph Learning Approach for Software Defined Network Based Smart Grid DDoS Security. , 2021, , .		6
22	Cross-layered distributed data-driven framework for enhanced smart grid cyber-physical security. IET Smart Grid, 2022, 5, 398-416.	2.2	6
23	Location Verification using Communication Range Variation for Wireless Sensor Networks. , 2006, , .		5
24	Weight based dominating set clustering algorithm for small satellite networks. , 2012, , .		4
25	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
26	A Smart-NIC-Based Power-Proxy Solution for Reduced Power Consumption during Instant Messaging. , 2010, , .		3
27	Optimal receiver bandwidth for energy-detection PPM UWB systems. , 2011, , .		3
28	Primary user behavior estimation with adaptive length of the sample sequence. , 2012, , .		3
29	Fault Tolerant Three Dimensional Environment Monitoring using Wireless Sensor Networks. , 2006, , .		1
30	Bi-link-failure-free Routing and Wavelength Assignment for torus-based avionic WDM LANs. , 2011, , .		1
31	Tradeoff Study on Fault Tolerance Capacity and Resource Utilization for the Torus-Based Mission-Critical All-Optical WDM LANs. , 2011, , .		1
32	Optimal integration time for energy-detection PPM UWB systems. , 2012, , .		1
33	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
34	Denial of Service Detection & Mitigation Scheme using Responsive Autonomic Virtual Networks (RAvN). , 2019, , .		1
35	Development of a Wireless Sensor Network for Field Level Strawberry Disease Alert Systems. Applied Engineering in Agriculture, 2021, 37, 183-192.	0.7	1
36	Deep Reinforcement Learning Agent for Playing 2D Shooting Games. International Journal of Control and Automation, 2018, 11, 193-200.	0.3	1

#	ARTICLE	IF	CITATIONS
37	What Is a Wireless Sensor Network?. Edis, 2018, 2018, .	0.1	1
38	How to Avoid Common Problems with Leaf Wetness Sensor Installation and Maintenance. Edis, 2020, 2020, .	0.1	1
39	Smart FDI Attack Design and Detection with Data Transmutation Framework for Smart Grids. , 2021, , .		1
40	A contention-based service scheduling protocol for multi-node multi-server wireless sensor networks. , 2008, , .		0
41	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
42	A solution for Co-Service of real-time and non-realtime traffic in cellular cognitive radio networks. , 2012, , .		0
43	A performance comparison of DTN protocols for high delay optical channels. , 2013, , .		0
44	Distributed Throughput Maximization in Wireless Networks Using the Stability Region. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 1713-1723.	5.6	0
45	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