Nitul Dutta

List of Publications by Year
in descending order

36 papers	**188** citations	1306789 **7** h-index	1372195 **10** g-index
38 all docs	**38** docs citations	**38** times ranked	**114** citing authors

#	Article	IF	Citations
1	IoT Forensic A digital investigation framework for IoT systems. , 2018, , .		24
2	A probability based stable routing for cognitive radio adhoc networks. Wireless Networks, 2017, 23, 65-78.	2.0	23
3	Cluster based routing in cognitive radio adhoc networks: Reconnoitering SINR and ETT impact on clustering. Computer Communications, 2018, 115, 10-20.	3.1	22
4	An Improved Cluster Maintenance Scheme for Mobile AdHoc Networks. , 2014, , .		14
5	Multilayer Hierarchical Model for Mobility Management in IPv6: A Mathematical Exploration. Wireless Personal Communications, 2014, 78, 1413-1439.	1.8	10
6	Deep learning inspired routing in ICN using Monte Carlo Tree Search algorithm. Journal of Parallel and Distributed Computing, 2021, 150, 104-111.	2.7	10
7	Mathematical Modeling of Hierarchical Mobile IPv6 Based Network Architecture in Search of Optimal Performance. , 2007, , .		9
8	Signal propagation parameters estimation through designed multi layer fibre with higher dominant modes using OptiFibre simulation. Journal of Optical Communications, 2022, .	4.0	9
9	Analysis of Security Attacks in SDN Network: A Comprehensive Survey. Lecture Notes in Networks and Systems, 2022, , 27-37.	0.5	7
10	An approach for FIB construction and Interest packet forwarding in information centric network. Future Generation Computer Systems, 2022, 130, 269-278.	4.9	7
11	An Efficient Routing Strategy for Information Centric Networks. , 2019, , .		5
12	Interoperability of WiFi and WiMAX. , 2012, , .		4
13	Three Layer MIPv6 (TLMIPv6): A new mobility management protocol for IPv6 based network. , 2012, , .		4
14	A SINR Based Clustering Protocol for Cognitive Radio Ad Hoc Network (CRAHN). , 2014, , .		4
15	Modern Methods for Analyzing Malware Targeting Control Systems. Studies in Systems, Decision and Control, 2020, , 135-150.	0.8	4
16	Introduction to Malware Analysis. Studies in Computational Intelligence, 2022, , 129-141.	0.7	4
17	SVM-based Analysis for Predicting Success Rate of Interest Packets in Information Centric Networks. Applied Artificial Intelligence, 2022, 36, .	2.0	4
18	A stable route selection algorithm for Cognitive Radio Networks. , 2014, , .		3

#	Article	IF	Citations
19	Lattice based secure data transmission in MANETs. , 2014, , .		3
20	A routing protocol for cognitive networks in presence of co-operative Primary User. , 2013, , .		2
21	A multipath routing protocol for Cognitive Radio AdHoc Networks (CRAHNs). , 2015, , .		2
22	Collaborative data management for business: A review of collaborative techniques. , 2016, , .		2
23	Efficient mobility management in IP networks through three layered MIPv6. Journal of Ambient Intelligence and Humanized Computing, 2022, 13, 3209-3227.	3.3	2
24	Fluid Flow and Random Walk Mobility Model for Wireless Mobile Network Research: A Review. Advanced Materials Research, 0, 403-408, 4486-4494.	0.3	1
25	An efficient cluster management mechanism for MANETs. , 2014, , .		1
26	An approach to signaling cost reduction in Proxy MIPv6 for mobility management. , 2016, , .		1
27	A Novel Approach for Better QoS in Cognitive Radio Ad Hoc Networks Using Cat Optimization. Advances in Intelligent Systems and Computing, 2020, , 601-612.	0.5	1
28	Performance Analysis of Multilayer MIPv6 Architecture through Experimental Testbed. Journal of Networks, 2014, 9, .	0.4	1
29	Simulation of multilayer Mobile IPv6 architecture in search of optimal performance. , 2012, , .		0
30	An analysis of optimized binding lifetime for mobility management in layered IPv6. , 2014, , .		0
31	A novel approach to handle TCP connections for LAN in mobile vehicle. , 2014, , .		0
32	Analytical study of Cognitive Radio Networks (CRNs): An exploration for optimum utilization of spectrum hole. , 2015, , .		0
33	Mobile solutions in small and medium enterprises. , 2016, , .		0
34	Grid based routing in cognitive radio networks for concurrent communication. , 2016, , .		0
35	HANDOFF LATENCY AND PACKET DROPPING PROBABILITY IN LAYERED MIPV6: A MATHEMATICAL ANALYSIS. , 2009, , .		0
36	A Scalable Mobility Management Scheme for PMIPv6 with Multiple Control and Data Plane. Wireless Personal Communications, 0, , 1.	1.8	0