Siuli Roy

List of Publications by Year
in descending order

20 papers	247 citations	1478505 6 h-index	1588992 8 g-index
20 all docs	20 docs citations	20 times ranked	169 citing authors

#	Article	IF	Citations
1	Agro-sense: Precision agriculture using sensor-based wireless mesh networks. , 2008, , .		56
2	A Post-Disaster Demand Forecasting System Using Principal Component Regression Analysis and Case-Based Reasoning Over Smartphone-Based DTN. IEEE Transactions on Engineering Management, 2019, 66, 224-239.	3.5	26
3	Best-effort delivery of emergency messages in post-disaster scenario with content-based filtering and Priority-enhanced PRoPHET over DTN. , 2016, , .		21
4	An observer-based distributed scheme for selfish-node detection in a post-disaster communication environment using delay tolerant network. , 2014, , .		19
5	Exploring an energy-efficient DTN framework supporting disaster management services in post disaster relief operation. Wireless Networks, 2015, 21, 1033-1046.	3.0	18
6	A Utility Driven Post Disaster Emergency Resource Allocation System Using DTN. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 2338-2350.	9.3	18
7	DPDRM: A decentralized post-disaster resource management scheme using energy efficient smart phone based DTN. Journal of Network and Computer Applications, 2018, 111, 1-16.	9.1	17
8	Wise-PRoPHET: A Watchdog supervised PRoPHET for reliable dissemination of post disaster situational information over smartphone based DTN. Journal of Network and Computer Applications, 2018, 109, 11-23.	9.1	12
9	A Global Reputation Estimation and Analysis Technique for detection of malicious nodes in a Post-Disaster Communication environment. , 2014, , .		10
10	Adapting mobility of observers for quick reputation assignment in a sparse post-disaster communication network. , 2015, , .		9
11	Intention aware misbehavior detection for post-disaster opportunistic communication over peer-to-peer DTN. Peer-to-Peer Networking and Applications, 2019, 12, 705-723.	3.9	9
12	A group-based multilayer encryption scheme for secure dissemination of post-disaster situational data using peer-to-peer delay tolerant network. , 2014, , .		6
13	SAGE-PRoPHET. , 2015, , .		6
14	ACR: an adaptive communication-aware routing through maximally zone-disjoint shortest paths inad hoc wireless networks with directional antenna. Wireless Communications and Mobile Computing, 2006, 6, 191-199.	1.2	5
15	Developing a coherent global view for post disaster situation awareness using opportunistic network. , 2015, , .		5
16	Testbed Implementation of a Pollution Monitoring System Using Wireless Sensor Network for the Protection of Public Spaces. , 0, , 263-276.		5
17	Testbed Implementation of a Pollution Monitoring System Using Wireless Sensor Network for the Protection of Public Spaces. International Journal of Business Data Communications and Networking, 2009, 5, 16-32.	0.7	4
18	Testbed Implementation of a Pollution Monitoring System Using Wireless Sensor Network for the Protection of Public Spaces. , 2010, , 820-833.		1

#	Article	IF	Citations
19	Energy-Efficient Post-disaster Routing Protocols. Smart Innovation, Systems and Technologies, 2021, , 115-155.	0.6	0
20	Post-disaster Situational Awareness and Resource Management Services. Smart Innovation, Systems and Technologies, 2021, , 45-77.	0.6	0