# Siuli Roy

List of Publications by Year
in descending order

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

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Energy-Efficient Post-disaster Routing Protocols. Smart Innovation, Systems and Technologies, 2021, , 115-155. | 0.6 | 0 |
| 2 | Post-disaster Situational Awareness and Resource Management Services. Smart Innovation, Systems and Technologies, 2021, , 45-77. | 0.6 | 0 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | Best-effort delivery of emergency messages in post-disaster scenario with content-based filtering and Priority-enhanced PRoPHET over DTN. , 2016, , . | | 21 |
| 9 | Adapting mobility of observers for quick reputation assignment in a sparse post-disaster communication network. , 2015, , . | | 9 |
| 10 | Exploring an energy-efficient DTN framework supporting disaster management services in post disaster relief operation. Wireless Networks, 2015, 21, 1033-1046. | 3.0 | 18 |
| 11 | Developing a coherent global view for post disaster situation awareness using opportunistic network. , 2015, , . | | 5 |
| 12 | SAGE-PRoPHET. , 2015, , . | | 6 |
| 13 | A group-based multilayer encryption scheme for secure dissemination of post-disaster situational data using peer-to-peer delay tolerant network. , 2014, , . | | 6 |
| 14 | An observer-based distributed scheme for selfish-node detection in a post-disaster communication environment using delay tolerant network. , 2014, , . | | 19 |
| 15 | A Global Reputation Estimation and Analysis Technique for detection of malicious nodes in a Post-Disaster Communication environment. , 2014, , . | | 10 |
| 16 | Testbed Implementation of a Pollution Monitoring System Using Wireless Sensor Network for the Protection of Public Spaces. , 2010, , 820-833. | | 1 |
| 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 | Agro-sense: Precision agriculture using sensor-based wireless mesh networks. , 2008, , . | | 56 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | 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 |
| 20 | Testbed Implementation of a Pollution Monitoring System Using Wireless Sensor Network for the Protection of Public Spaces. , 0, , 263-276. | | 5 |