

Radu Stoleru

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

942
citations

623734

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h-index

552781

26
g-index

48
all docs

48
docs citations

48
times ranked

1077
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | On Detecting Route Hijacking Attack in Opportunistic Mobile Networks. IEEE Transactions on Dependable and Secure Computing, 2022, , 1-18. | 5.4 | 3 |
| 2 | CollusiveHijack: A New Route Hijacking Attack and Countermeasures in Opportunistic Networks. , 2019, , . | | 2 |
| 3 | NanoCommunication-based Impermeable Region Mapping for Oil Reservoir Exploration. , 2019, , . | | 1 |
| 4 | Hadoop MapReduce for Mobile Clouds. IEEE Transactions on Cloud Computing, 2019, 7, 224-236. | 4.4 | 12 |
| 5 | Energy-Efficient Load-Balanced Heterogeneous Mobile Cloud. , 2017, , . | | 3 |
| 6 | A Routing-Protocol-Independent Caching Framework for Mobile Clouds. IEEE Transactions on Emerging Topics in Computing, 2017, 5, 353-366. | 4.6 | 2 |
| 7 | EvilDirect: A New Wi-Fi Direct Hijacking Attack and Countermeasures. , 2017, , . | | 3 |
| 8 | PRIDE: A practical intrusion detection system for resource constrained wireless mesh networks. Computers and Security, 2016, 62, 114-132. | 6.0 | 10 |
| 9 | Energy-Efficient and Fault-Tolerant Mobile Cloud Storage. , 2016, , . | | 4 |
| 10 | Mobile sensor networks for optimal leak and backflow detection and localization in municipal water networks. Environmental Modelling and Software, 2016, 80, 306-321. | 4.5 | 43 |
| 11 | On secure shared key establishment for mobile devices using contextual information. , 2015, , . | | 2 |
| 12 | An efficient pairwise key establishment scheme for Ad-Hoc Mobile Clouds. , 2015, , . | | 2 |
| 13 | On balancing the energy consumption of routing protocols for opportunistic social networks. , 2015, , . | | 1 |
| 14 | On modeling single-cell IEEE 802.11 Ad-Hoc network with power saving mode. , 2015, , . | | 2 |
| 15 | Mobile storm: Distributed real-time stream processing for mobile clouds. , 2015, , . | | 19 |
| 16 | A Hybrid Multicast Routing for Large Scale Sensor Networks with Holes. IEEE Transactions on Computers, 2015, 64, 3362-3375. | 3.4 | 7 |
| 17 | Toward Optimal Monitoring of Flow-Based Systems Using Mobile Wireless Sensor Networks. ACM Transactions on Sensor Networks, 2015, 11, 1-37. | 3.6 | 14 |
| 18 | Energy-Efficient Fault-Tolerant Data Storage and Processing in Mobile Cloud. IEEE Transactions on Cloud Computing, 2015, 3, 28-41. | 4.4 | 77 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Routing protocol-independent Contact Optimization for opportunistic social networks. , 2014, , . | | 1 |
| 20 | Hadoop MapReduce for Tactical Clouds. , 2014, , . | | 5 |
| 21 | RAPID: Traffic-agnostic intrusion detection for resource-constrained wireless mesh networks. Computers and Security, 2014, 46, 1-17. | 6.0 | 5 |
| 22 | On Modeling the Coexistence of 802.11 and 802.15.4 Networks for Performance Tuning. IEEE Transactions on Wireless Communications, 2014, 13, 5855-5866. | 9.2 | 10 |
| 23 | Traffic-and-resource-aware intrusion detection in wireless mesh networks. Ad Hoc Networks, 2014, 21, 18-41. | 5.5 | 17 |
| 24 | Toward Accurate Mobile Sensor Network Localization in Noisy Environments. IEEE Transactions on Mobile Computing, 2013, 12, 1094-1106. | 5.8 | 49 |
| 25 | Energy efficient multi-channel media access control for dense wireless ad hoc and sensor networks. Wireless Networks, 2013, 19, 1537-1551. | 3.0 | 2 |
| 26 | DistressNet: A disaster response system providing constant availability cloud-like services. Ad Hoc Networks, 2013, 11, 2440-2460. | 5.5 | 38 |
| 27 | On Modeling the Coexistence of WiFi and Wireless Sensor Networks. , 2013, , . | | 4 |
| 28 | On Event Detection and Localization in Acyclic Flow Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2013, 43, 708-723. | 9.3 | 25 |
| 29 | Raven: Energy aware QoS control for DRNs. , 2013, , . | | 3 |
| 30 | Resource Allocation for Energy Efficient k-out-of-n System in Mobile Ad Hoc Networks. , 2013, , . | | 4 |
| 31 | On the optimality of cooperative intrusion detection for resource constrained wireless networks. Computers and Security, 2013, 34, 16-35. | 6.0 | 21 |
| 32 | GOAL: A parsimonious geographic routing protocol for large scale sensor networks. Ad Hoc Networks, 2013, 11, 453-472. | 5.5 | 14 |
| 33 | On combining network coding with duty-cycling in flood-based wireless sensor networks. Ad Hoc Networks, 2013, 11, 490-507. | 5.5 | 16 |
| 34 | A destination-based approach for cut detection in wireless sensor networks. International Journal of Parallel, Emergent and Distributed Systems, 2013, 28, 266-288. | 1.0 | 5 |
| 35 | A wireless system for reducing response time in Urban Search & Rescue. , 2012, , . | | 13 |
| 36 | Cut Detection in Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2012, 23, 483-490. | 5.6 | 45 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Asymmetric Event-Driven Node Localization in Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2012, 23, 634-642. | 5.6 | 21 |
| 38 | Secure neighbor discovery and wormhole localization in mobile ad hoc networks. Ad Hoc Networks, 2012, 10, 1179-1190. | 5.5 | 27 |
| 39 | Practical and secure localization and key distribution for wireless sensor networks. Ad Hoc Networks, 2012, 10, 946-961. | 5.5 | 21 |
| 40 | Energy Efficient and Robust Multicast Routing for Large Scale Sensor Networks. , 2011, , . | | 3 |
| 41 | Destination-Based Cut Detection in Wireless Sensor Networks. , 2011, , . | | 9 |
| 42 | Towards robustness and energy efficiency of cut detection in wireless sensor networks. Ad Hoc Networks, 2011, 9, 249-264. | 5.5 | 13 |
| 43 | Efficient flooding in Wireless Sensor Networks secured with neighborhood keys. , 2011, , . | | 16 |
| 44 | Geographic routing with constant stretch in large scale sensor networks with holes. , 2011, , . | | 5 |
| 45 | Network coding in duty-cycled sensor networks. , 2010, , . | | 12 |
| 46 | High-Resolution Speech Signal Reconstruction in Wireless Sensor Networks. , 2009, , . | | 2 |
| 47 | Context-aware wireless sensor networks for assisted living and residential monitoring. IEEE Network, 2008, 22, 26-33. | 6.9 | 317 |
| 48 | On composability of localization protocols for wireless sensor networks. IEEE Network, 2008, 22, 21-25. | 6.9 | 12 |