

Chuanyi Ji

List of Publications by Year in descending order

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16
papers

401
citations

1040056

9
h-index

1372567

10
g-index

16
all docs

16
docs citations

16
times ranked

488
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Satellite-based assessment of electricity restoration efforts in Puerto Rico after Hurricane Maria. PLoS ONE, 2019, 14, e0218883. | 2.5 | 127 |
| 2 | Large-scale data analysis of power grid resilience across multiple US service regions. Nature Energy, 2016, 1, . | 39.5 | 57 |
| 3 | Resilience of Energy Infrastructure and Services: Modeling, Data Analytics, and Metrics. Proceedings of the IEEE, 2017, 105, 1354-1366. | 21.3 | 52 |
| 4 | An Information-Theoretic View of Network-Aware Malware Attacks. IEEE Transactions on Information Forensics and Security, 2009, 4, 530-541. | 6.9 | 29 |
| 5 | Resilience of all-optical network architectures under in-band crosstalk attacks: a probabilistic graphical model approach. IEEE Journal on Selected Areas in Communications, 2007, 25, 2-17. | 14.0 | 25 |
| 6 | Scalability of Network-Failure Resilience: Analysis Using Multi-Layer Probabilistic Graphical Models. IEEE/ACM Transactions on Networking, 2009, 17, 319-331. | 3.8 | 25 |
| 7 | Understanding Localized-Scanning Worms. Performance, Computing and Communications Conference (IPCCC), IEEE International, 2007, , . | 0.0 | 22 |
| 8 | Importance-scanning worm using vulnerable-host distribution. , 2005, , . | | 14 |
| 9 | Dynamic modeling and resilience for power distribution. , 2013, , . | | 13 |
| 10 | Measurement-based network monitoring and inference: scalability and missing information. IEEE Journal on Selected Areas in Communications, 2002, 20, 714-725. | 14.0 | 12 |
| 11 | Large-Scale Network-Service Disruption: Dependencies and External Factors. IEEE Transactions on Network and Service Management, 2011, 8, 375-386. | 4.9 | 10 |
| 12 | Nearly optimal distributed configuration management using probabilistic graphical models. , 0, , . | | 5 |
| 13 | Dynamic resilience for power distribution and customers. , 2015, , . | | 5 |
| 14 | Large-scale data analytics for resilient recovery services from power failures. Joule, 2021, 5, 2504-2520. | 24.0 | 3 |
| 15 | Inferring cascading network-power disruptions and sustainability. , 2011, , . | | 2 |
| 16 | Network management information for light-path assessment. , 0, , . | | 0 |