

Takis Zourntos

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

648
citations

1163117

8
h-index

1372567

10
g-index

22
all docs

22
docs citations

22
times ranked

647
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Towards a Framework for Cyber Attack Impact Analysis of the Electric Smart Grid. , 2010, , . | | 124 |
| 2 | A Framework for Modeling Cyber-Physical Switching Attacks in Smart Grid. IEEE Transactions on Emerging Topics in Computing, 2013, 1, 273-285. | 4.6 | 100 |
| 3 | A Coordinated Multi-Switch Attack for Cascading Failures in Smart Grid. IEEE Transactions on Smart Grid, 2014, 5, 1183-1195. | 9.0 | 94 |
| 4 | Multi-Agent System-Based Real-Time Load Management for All-Electric Ship Power Systems in DC Zone Level. IEEE Transactions on Power Systems, 2012, 27, 1719-1728. | 6.5 | 57 |
| 5 | Security and Privacy for Distributed Multimedia Sensor Networks. Proceedings of the IEEE, 2008, 96, 112-130. | 21.3 | 50 |
| 6 | Switched system models for coordinated cyber-physical attack construction and simulation. , 2011, , . | | 33 |
| 7 | Real-time electric load management for DC zonal all-electric ship power systems. Electric Power Systems Research, 2018, 154, 503-514. | 3.6 | 24 |
| 8 | A Midsummer Nightâ€™s Dream (with flying robots). Autonomous Robots, 2011, 30, 143-156. | 4.8 | 23 |
| 9 | A class of cyber-physical switching attacks for power system disruption. , 2011, , . | | 17 |
| 10 | RF CMOS Parametric Downconverters. IEEE Transactions on Microwave Theory and Techniques, 2010, 58, 518-528. | 4.6 | 16 |
| 11 | Coordinated variable structure switching attack in the presence of model error and state estimation. , 2012, , . | | 15 |
| 12 | Dynamic load management for NG IPS ships. , 2010, , . | | 14 |
| 13 | A flocking-based dynamical systems paradigm for smart power system analysis. , 2012, , . | | 14 |
| 14 | A smart grid vulnerability analysis framework for coordinated variable structure switching attacks. , 2012, , . | | 14 |
| 15 | Compact parametric downconversion using MOS varactors. , 2009, , . | | 12 |
| 16 | Subharmonically Pumped RF CMOS Paramps. IEEE Transactions on Electron Devices, 2008, 55, 601-608. | 3.0 | 11 |
| 17 | Multi-agent system-based real-time load management for NG IPS ships in high/medium voltage level. , 2011, , . | | 9 |
| 18 | Probing the telltale physics: Towards a cyber-physical protocol to mitigate information corruption in smart grid systems. , 2012, , . | | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Analysis of various partitioning strategies for multi-agent system-based real-time load management for NG IPs ships. , 2011, , . | | 7 |
| 20 | Sliding-Mode Amplitude Control Techniques for Harmonic Oscillators. IEEE Transactions on Circuits and Systems II: Express Briefs, 2007, 54, 1014-1018. | 3.0 | 4 |
| 21 | A BEAM-Inspired Lyapunov-Based Strategy for Obstacle Avoidance and Target-Seeking. Proceedings of the American Control Conference, 2007, , . | 0.0 | 2 |
| 22 | Survivor Buddy and SciGirls: Affect, outreach, and questions. , 2010, , . | | 0 |