

Abdallah Farraj

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2427254/abdallah-farraj-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30
papers

360
citations

10
h-index

18
g-index

32
ext. papers

463
ext. citations

9.3
avg, IF

4.14
L-index

#	Paper	IF	Citations
30	A Cyber-Physical Control Framework for Transient Stability in Smart Grids. <i>IEEE Transactions on Smart Grid</i> , 2018 , 9, 1205-1215	10.7	62
29	A Game-Theoretic Analysis of Cyber Switching Attacks and Mitigation in Smart Grid Systems. <i>IEEE Transactions on Smart Grid</i> , 2016 , 7, 1846-1855	10.7	59
28	A Cyber-Enabled Stabilizing Control Scheme for Resilient Smart Grid Systems. <i>IEEE Transactions on Smart Grid</i> , 2016 , 7, 1856-1865	10.7	39
27	On Effective Virtual Inertia of Storage-Based Distributed Control for Transient Stability. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 327-336	10.7	27
26	On the Use of Energy Storage Systems and Linear Feedback Optimal Control for Transient Stability. <i>IEEE Transactions on Industrial Informatics</i> , 2017 , 13, 1575-1585	11.9	25
25	Implementation and development of an offline co-simulation testbed for studies of power systems cyber security and control verification. <i>International Journal of Electrical Power and Energy Systems</i> , 2019 , 104, 817-826	5.1	20
24	On the Impact of Cyber Attacks on Data Integrity in Storage-Based Transient Stability Control. <i>IEEE Transactions on Industrial Informatics</i> , 2017 , 13, 3322-3333	11.9	20
23	A Distributed Control Paradigm for Smart Grid to Address Attacks on Data Integrity and Availability. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , 2018 , 4, 70-81	2.8	14
22	A systematic approach to delay-adaptive control design for smart grids 2015 ,		12
21	A Storage-Based Multiagent Regulation Framework for Smart Grid Resilience. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 3859-3869	11.9	11
20	Mitigating Attacks With Nonlinear Dynamics on Actuators in Cyber-Physical Mechatronic Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 4845-4856	11.9	9
19	Paradigms and performance of distributed cyber-enabled control schemes for the smart grid 2015 ,		7
18	Mitigating link insecurities in smart grids via QoS multi-constraint routing 2016 ,		6
17	Tuning out of phase: Resonance attacks 2015 ,		6
16	On Cyber-Physical Coupling and Distributed Control in Smart Grids. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 4418-4429	11.9	6
15	Cooperative microgrid networks for remote and rural areas 2015 ,		5
14	Reactance perturbation for enhancing detection of FDI attacks in power system state estimation 2017 ,		5

13	A Class of Switching Exploits Based on Inter-Area Oscillations. <i>IEEE Transactions on Smart Grid</i> , 2018 , 9, 4659-4668	10.7	5
12	On using distributed control schemes to mitigate switching attacks in smart grids 2015 ,		4
11	On using distributed energy resources to reshape the dynamics of power systems during transients 2015 ,		4
10	On the effects of distributed control area design for the stabilization of cyber-enabled smart grids 2015 ,		2
9	IEC-61850 GOOSE traffic modeling and generation 2017 ,		2
8	Simplified implementation and control of a flywheel energy system for microgrid applications 2017 ,		2
7	Fundamental limits on communication latency for distributed control via electromechanical waves 2017 ,		2
6	Frequency-stabilizing control scheme for islanded microgrids 2015 ,		1
5	Toward a practical storage-based control scheme for transient stability applications 2017 ,		1
4	Performance Metrics for Storage-Based Transient Stability Control 2017 ,		1
3	Robustness analysis of feedback linearization distributed control schemes in smart grid systems 2015 ,		1
2	Enhancing the performance of controlled distributed energy resources in noisy communication environments 2016 ,		1
1	Risk-Aware Cyber-Physical Control for Resilient Smart Cities 2022 , 95-122		