Rodrigo Daniel Trevizan

List of Publications by Year
in descending order

27	336	1163117	1199594
papers	citations	8	12
		h-index	g-index

27	27	27	350
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multiarea Inertia Estimation Using Convolutional Neural Networks and Federated Learning. IEEE Systems Journal, 2022, 16, 6401-6412.	4.6	13
2	Cyberphysical Security of Grid Battery Energy Storage Systems. IEEE Access, 2022, 10, 59675-59722.	4.2	11
3	Detection of False Data Injection Attacks in Power System State Estimation Using Sensor Encoding. , 2022, , .		2
4	Valuation of Behind-the-Meter Energy Storage in Hybrid Energy Systems. , 2022, , .		3
5	Dissipativity-based Voltage Control in Distribution Grids. , 2022, , .		1
6	Review of Dynamic and Transient Modeling of Power Electronic Converters for Converter Dominated Power Systems. IEEE Access, 2021, 9, 82094-82117.	4.2	29
7	Topology Identification of Power Distribution Systems Using Time Series of Voltage Measurements. , 2021, , .		8
8	Ensemble Learning, Prediction and Li-Ion Cell Charging Cycle Divergence. IEEE Open Access Journal of Power and Energy, 2021, 8, 303-315.	3.4	3
9	Integration of energy storage with diesel generation in remote communities. MRS Energy & Sustainability, 2021, 8, 57-74.	3.0	5
10	Î¼PMU-Based Temporal Decoupling of Parameter and Measurement Gross Error Processing in DSSE. Electricity, 2021, 2, 423-438.	2.8	4
11	Data-Driven Incident Detection in Power Distribution Systems. , 2021, , .		0
12	Renewable and energy storage resources for enhancing transient stability margins: A PDE-based nonlinear control strategy. International Journal of Electrical Power and Energy Systems, 2020, 116, 105510.	5.5	15
13	Sizing Behind-the-Meter Energy Storage and Solar for Electric Vehicle Fast-Charging Stations. , 2020, , .		5
14	Distribution networks nontechnical power loss estimation: A hybrid data-driven physics model-based framework. Electric Power Systems Research, 2020, 186, 106397.	3.6	16
15	Analysis and evaluation of a distributed optimal load coordination algorithm for frequency control. Electric Power Systems Research, 2019, 167, 86-93.	3.6	4
16	Cooperative Control of Energy Storage for Transient Stability Enhancement. , 2018, , .		3
17	Distribution Test System for Nontechnical Loss Detection. , 2018, , .		1
18	Toward Resilient Smart Grid Communications Using Distributed SDN with ML-Based Anomaly Detection. Lecture Notes in Computer Science, 2018, , 83-94.	1.3	10

#	Article	IF	Citations
19	A Distributed Control Approach for Enhancing Smart Grid Transient Stability and Resilience. IEEE Transactions on Smart Grid, 2017, 8, 3035-3044.	9.0	91
20	Cyber–physical robust control framework for enhancing transient stability of smart grids. IET Cyber-Physical Systems: Theory and Applications, 2017, 2, 198-206.	3.3	20
21	Contribution to distribution systems technical and nontechnical losses estimation using WLS state estimator. , 2017, , .		3
22	A robust decentralized control framework for enhancing smart grid transient stability. , 2017, , .		3
23	Performance assessment of an optimal load control algorithm for providing contingency service. , 2017, , .		1
24	Identifying Nontechnical Power Loss via Spatial and Temporal Deep Learning. , 2016, , .		58
25	Smart distribution power losses estimation: A hybrid state estimation approach. , 2016, , .		7
26	Nontechnical Losses detection: A Discrete Cosine Transform and Optimum-Path Forest based approach. , 2015, , .		5
27	Non-technical losses identification using Optimum-Path Forest and state estimation. , 2015, , .		15