

Marcos Netto

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,152
citations

1478505

6
h-index

1281871

11
g-index

23
all docs

23
docs citations

23
times ranked

896
citing authors

#	ARTICLE	IF	CITATIONS
1	Power System Dynamic State Estimation: Motivations, Definitions, Methodologies, and Future Work. IEEE Transactions on Power Systems, 2019, 34, 3188-3198.	6.5	417
2	A Robust Iterated Extended Kalman Filter for Power System Dynamic State Estimation. IEEE Transactions on Power Systems, 2017, 32, 3205-3216.	6.5	321
3	Roles of Dynamic State Estimation in Power System Modeling, Monitoring and Operation. IEEE Transactions on Power Systems, 2021, 36, 2462-2472.	6.5	104
4	A Robust Data-Driven Koopman Kalman Filter for Power Systems Dynamic State Estimation. IEEE Transactions on Power Systems, 2018, 33, 7228-7237.	6.5	77
5	Power system inertia estimation: Review of methods and the impacts of converter-interfaced generations. International Journal of Electrical Power and Energy Systems, 2022, 134, 107362.	5.5	74
6	Data-Driven Participation Factors for Nonlinear Systems Based on Koopman Mode Decomposition. , 2019, 3, 198-203.		29
7	A robust extended Kalman filter for power system dynamic state estimation using PMU measurements. , 2016, , .		26
8	Robust Data Filtering for Estimating Electromechanical Modes of Oscillation via the Multichannel Prony Method. IEEE Transactions on Power Systems, 2018, 33, 4134-4143.	6.5	26
9	A robust prony method for power system electromechanical modes identification. , 2017, , .		16
10	On Analytical Construction of Observable Functions in Extended Dynamic Mode Decomposition for Nonlinear Estimation and Prediction. , 2021, 5, 1868-1873.		12
11	Robust Koopman Operator-based Kalman Filter for Power Systems Dynamic State Estimation. , 2018, , .		8
12	On analytical construction of observable functions in extended dynamic mode decomposition for nonlinear estimation and prediction. , 2021, , .		8
13	State-of-the-art of data collection, analytics, and future needs of transmission utilities worldwide to account for the continuous growth of sensing data. International Journal of Electrical Power and Energy Systems, 2022, 137, 107772.	5.5	6
14	Robust Dynamic Mode Decomposition. IEEE Access, 2022, 10, 65473-65484.	4.2	6
15	A Hybrid Framework Combining Model-Based and Data-Driven Methods for Hierarchical Decentralized Robust Dynamic State Estimation. , 2019, , .		5
16	Propagating Parameter Uncertainty in Power System Nonlinear Dynamic Simulations Using a Koopman Operator-Based Surrogate Model. IEEE Transactions on Power Systems, 2022, 37, 3157-3160.	6.5	5
17	Automated construction of clear-sky dictionary from all-sky imager data. Solar Energy, 2020, 212, 73-83.	6.1	4
18	Measurement placement in electric power transmission and distribution grids: Review of concepts, methods, and research needs. IET Generation, Transmission and Distribution, 2022, 16, 805-838.	2.5	4

#	ARTICLE	IF	CITATIONS
19	Real-Time Modal Analysis of Electric Power Grids“ The Need for Dynamic State Estimation. , 2020, , .		1
20	On the Use of Smart Meter Data to Estimate the Voltage Magnitude on the Primary Side of Distribution Service Transformers. , 2021, , .		1
21	A mode-in-state contribution factor based on Koopman operator and its application to power system analysis. Nonlinear Theory and Its Applications IEICE, 2022, 13, 409-414.	0.6	1
22	Data-Driven Adaptive Damping Controller for Wind Power Plants with Doubly-Fed Induction Generators. , 2021, , .		0