

Carlos A Castro

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

331
citations

1478505

6
h-index

1588992

8
g-index

16
all docs

16
docs citations

16
times ranked

371
citing authors

#	ARTICLE	IF	CITATIONS
1	Microgrids Energy Management Using Robust Convex Programming. IEEE Transactions on Smart Grid, 2019, 10, 4520-4530.	9.0	113
2	Genetic algorithm-based phasor measurement unit placement method considering observability and security criteria. IET Generation, Transmission and Distribution, 2016, 10, 270-280.	2.5	72
3	Expansion planning for smart transmission grids using AC model and shunt compensation. IET Generation, Transmission and Distribution, 2014, 8, 966-975.	2.5	49
4	Specialized differential evolution technique to solve the alternating current model based transmission expansion planning problem. International Journal of Electrical Power and Energy Systems, 2015, 68, 243-251.	5.5	21
5	Probabilistic OPF Model for Unbalanced Three-Phase Electrical Distribution Systems Considering Robust Constraints. IEEE Transactions on Power Systems, 2019, 34, 3443-3454.	6.5	16
6	An efficient hybrid metaheuristics optimization technique applied to the AC electric transmission network expansion planning. Swarm and Evolutionary Computation, 2021, 61, 100830.	8.1	15
7	Comparison of particle swarm based meta-heuristics for the electric transmission network expansion planning problem. , 2011, , .		13
8	Security constrained transmission expansion planning for smart transmission grids based on the AC network model. , 2014, , .		6
9	Allocation of PMU channels at substations for topology processing and state estimation. IET Generation, Transmission and Distribution, 2020, 14, 2034-2045.	2.5	6
10	Identification and correction of transmission line parameter errors using SCADA and synchrophasor measurements. International Journal of Electrical Power and Energy Systems, 2022, 135, 107509.	5.5	6
11	Optimal substation PMU placement method for the two-level state estimator. , 2013, , .		4
12	AC Transmission Expansion Planning Considering Uncertainty. , 2019, , .		3
13	Efficient probabilistic power flow for weakly-meshed distribution networks. , 2014, , .		2
14	Biogeography based optimization algorithms applied to AC transmission expansion planning. , 2017, , .		2
15	Transmission Expansion Planning Considering the Impact of Distributed Generation. , 2019, , .		2
16	A robust method for estimating transmission line parameters from PMU measurement. , 2018, , .		1