

Phillipe Vilaa Gomes

List of Publications by Year in Descending Order

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

16
papers

145
citations

7
h-index

11
g-index

23
ext. papers

204
ext. citations

3.4
avg, IF

3.65
L-index

#	Paper	IF	Citations
16	A two-stage constructive heuristic algorithm to handle integer investment variables in transmission network expansion planning. <i>Electric Power Systems Research</i> , 2021 , 192, 106905	3.5	1
15	A two-stage strategy for security-constrained AC dynamic transmission expansion planning. <i>Electric Power Systems Research</i> , 2020 , 180, 106167	3.5	16
14	Impact of decision-making models in Transmission Expansion Planning considering large shares of renewable energy sources. <i>Electric Power Systems Research</i> , 2019 , 174, 105852	3.5	23
13	State-of-the-art of transmission expansion planning: A survey from restructuring to renewable and distributed electricity markets. <i>International Journal of Electrical Power and Energy Systems</i> , 2019 , 111, 411-424	5.1	31
12	Load modeling of active low-voltage consumers and comparative analysis of their impact on distribution system expansion planning. <i>International Transactions on Electrical Energy Systems</i> , 2019 , 29, e12038	2.2	4
11	A novel efficient method for multiyear multiobjective dynamic transmission system planning. <i>International Journal of Electrical Power and Energy Systems</i> , 2018 , 100, 10-18	5.1	9
10	Technical-economic analysis for the integration of PV systems in Brazil considering policy and regulatory issues. <i>Energy Policy</i> , 2018 , 115, 199-206	7.2	24
9	Optimal Allocation of Maneuver Devices in Distribution Networks for Reliability Improvement 2018 ,		1
8	Transmission system planning considering solar distributed generation penetration 2017 ,		8
7	Multiyear transmission expansion planning under hydrological uncertainty 2017 ,		1
6	Dynamic and Static Transmission Network Expansion Planning via Harmony Search and Branch & Bound on a Hybrid Algorithm. <i>Lecture Notes in Computer Science</i> , 2017 , 271-282	0.9	5
5	Hybrid Genetic Algorithm for multi-objective Transmission Expansion Planning 2016 ,		3
4	Multiyear and multi-criteria AC Transmission Expansion Planning model considering reliability and investment costs 2016 ,		1
3	Hybrid Discrete Evolutionary PSO for AC dynamic Transmission Expansion Planning 2016 ,		7
2	Evaluation of the performance of space reduction technique using AC and DC models in Transmission Expansion problems 2016 ,		4
1	Static transmission expansion planning using Heuristic and metaheuristic techniques 2015 ,		7