

# Phillipe Vilaa Gomes

## List of Publications by Citations

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