

# Phillipe VilaÃ§a Gomes

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

272  
citations

1307543

7  
h-index

1372553

10  
g-index

23  
all docs

23  
docs citations

23  
times ranked

236  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	5.5	67
2	Technical-economic analysis for the integration of PV systems in Brazil considering policy and regulatory issues. <i>Energy Policy</i> , 2018, 115, 199-206.	8.8	38
3	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.	3.6	35
4	A two-stage strategy for security-constrained AC dynamic transmission expansion planning. <i>Electric Power Systems Research</i> , 2020, 180, 106167.	3.6	33
5	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.	5.5	15
6	Hybrid Discrete Evolutionary PSO for AC dynamic Transmission Expansion Planning. , 2016, , .		14
7	Static transmission expansion planning using Heuristic and metaheuristic techniques. , 2015, , .		10
8	Transmission system planning considering solar distributed generation penetration. , 2017, , .		10
9	On the regulation of solar distributed generation in Brazil: A look at both sides. <i>Energy Policy</i> , 2022, 167, 113091.	8.8	10
10	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.	1.3	9
11	Evaluation of the performance of space reduction technique using AC and DC models in Transmission Expansion problems. , 2016, , .		6
12	Hybrid Genetic Algorithm for multi-objective Transmission Expansion Planning. , 2016, , .		5
13	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.	1.9	5
14	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.	3.6	4
15	Multiyear and multi-criteria AC Transmission Expansion Planning model considering reliability and investment costs. , 2016, , .		3
16	Multiyear transmission expansion planning under hydrological uncertainty. , 2017, , .		3
17	Optimal Allocation of Maneuver Devices in Distribution Networks for Reliability Improvement. , 2018, , .		1
18	Impact of Large Fleets of Plug-In-Electric Vehicles on Transmission Systems Expansion Planning. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
19	Transmission Expansion Planning - A broad comparison between static and dynamic approaches. , 2019, , .		1
20	Cost-benefit Analysis on a New Access Tariff: Case Study on the Portuguese System. , 2020, , .		1
21	Simulated Annealing with Gaussian Probability Density Function for Transmission Expansion Planning. U Porto Journal of Engineering, 2015, 1, 104-113.	0.4	1
22	Reduction of the Computational Burden of the TEP Problem by a Minimum-Effort Heuristic Algorithm. , 2021, , .		0
23	Comparative Analysis of Constructive Heuristic Algorithms for Transmission Expansion Planning. U Porto Journal of Engineering, 2016, 2, 55-64.	0.4	0