

Jorge Valenzuela

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2550687/publications.pdf>

Version: 2024-02-01

16
papers

705
citations

687363

13
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

828
citing authors

#	ARTICLE	IF	CITATIONS
1	A scenario-based optimization model for determining the capacity of a residential off-grid PV-battery system. <i>Solar Energy</i> , 2022, 233, 478-488.	6.1	19
2	An optimization drone routing model for inspecting wind farms. <i>Soft Computing</i> , 2021, 25, 2483-2498.	3.6	9
3	Optimization of residential off-grid PV-battery systems. <i>Solar Energy</i> , 2020, 208, 766-777.	6.1	37
4	Scheduling energy consumption for residential stand-alone photovoltaic systems. <i>Solar Energy</i> , 2019, 187, 393-403.	6.1	13
5	Evaluating the impact of renewable generation on transmission expansion planning. <i>Electric Power Systems Research</i> , 2019, 169, 35-44.	3.6	36
6	Unmanned Aircraft System Path Planning for Visually Inspecting Electric Transmission Towers. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2019, 95, 1097-1111.	3.4	27
7	Optimizing the size of a V2G parking deck in a microgrid. <i>International Journal of Electrical Power and Energy Systems</i> , 2018, 97, 28-39.	5.5	30
8	Microgrid energy scheduling using storage from electric vehicles. <i>Electric Power Systems Research</i> , 2017, 143, 554-562.	3.6	77
9	Optimal investment plan for dynamic thermal rating using benders decomposition. <i>European Journal of Operational Research</i> , 2016, 248, 917-929.	5.7	20
10	Transmission expansion planning using multivariate interpolation. <i>Electric Power Systems Research</i> , 2015, 126, 87-99.	3.6	17
11	A Probabilistic Risk Mitigation Model for Cyber-Attacks to PMU Networks. <i>IEEE Transactions on Power Systems</i> , 2015, 30, 156-165.	6.5	78
12	A Decomposition Approach for Solving Seasonal Transmission Switching. <i>IEEE Transactions on Power Systems</i> , 2015, 30, 1203-1211.	6.5	23
13	Real-time intrusion detection in power system operations. <i>IEEE Transactions on Power Systems</i> , 2013, 28, 1052-1062.	6.5	142
14	A probabilistic model for assessing the long-term economics of wind energy. <i>Electric Power Systems Research</i> , 2011, 81, 853-861.	3.6	32
15	Economic Analysis of Electric Power Transmission Expansion. <i>Engineering Economist</i> , 2008, 53, 293-317.	1.1	12
16	A Seeded Memetic Algorithm for Large Unit Commitment Problems. <i>Journal of Heuristics</i> , 2002, 8, 173-195.	1.4	133