

RÃ©my Rigo-Mariani

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

317
citations

1039406

9
h-index

996533

15
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28
all docs

28
docs citations

28
times ranked

355
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal power dispatching strategies in smart-microgrids with storage. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 40, 649-658.	8.2	48
2	Integrated Optimal Design of a Smart Microgrid With Storage. <i>IEEE Transactions on Smart Grid</i> , 2017, 8, 1762-1770.	6.2	40
3	Comparison of optimization frameworks for the design of a multi-energy microgrid. <i>Applied Energy</i> , 2020, 257, 113982.	5.1	39
4	A two-stage management strategy for the optimal operation and billing in an energy community with collective self-consumption. <i>Applied Energy</i> , 2022, 310, 118484.	5.1	38
5	OntoPowSys: A power system ontology for cross domain interactions in an eco industrial park. <i>Energy and AI</i> , 2020, 1, 100008.	5.8	31
6	A Combined Cycle Gas Turbine Model for Heat and Power Dispatch Subject to Grid Constraints. <i>IEEE Transactions on Sustainable Energy</i> , 2020, 11, 448-456.	5.9	20
7	Fast power flow scheduling and sensitivity analysis for sizing a microgrid with storage. <i>Mathematics and Computers in Simulation</i> , 2017, 131, 114-127.	2.4	12
8	A clusterized energy management with linearized losses in the presence of multiple types of distributed generation. <i>International Journal of Electrical Power and Energy Systems</i> , 2019, 113, 9-22.	3.3	12
9	Power quality indices of Compact Fluorescent Lamps for residential use — A New Zealand study. , 2010, , .		11
10	A fast optimization strategy for power dispatching in a microgrid with storage. , 2013, , .		11
11	An iterative linear DistFlow for dynamic optimization in distributed generation planning studies. <i>International Journal of Electrical Power and Energy Systems</i> , 2022, 138, 107936.	3.3	11
12	Design of a medium voltage power converter-storage devices embedded in a hybrid emergency network for more electrical aircraft. <i>Mathematics and Computers in Simulation</i> , 2013, 91, 72-90.	2.4	7
13	Comparing High Accurate Regression Models For Short-term Load Forecasting In Smart Buildings. , 2020, , .		6
14	Demand Response Coupled with Dynamic Thermal Rating for Increased Transformer Reserve and Lifetime. <i>Energies</i> , 2021, 14, 1378.	1.6	5
15	Parameter Tuning for LV Centralized and Distributed Voltage Control with High PV Production. , 2021, , .		5
16	Voltage Regulation in Distribution Grid Using PV Smart Inverters. , 2018, , .		4
17	Dynamic aware aging design of a simple distributed energy system: A comparative approach with single stage design strategies. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 147, 111104.	8.2	4
18	Optimized time reduction models applied to power and energy systems planning â€“ Comparison with existing methods. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 159, 112170.	8.2	4

#	ARTICLE	IF	CITATIONS
19	A Generic Method to Model CO ₂ Emission Performances of Combinedä€Cycle Power Plants for Environmental Unit Commitment. Energy Technology, 2018, 6, 72-83.	1.8	3
20	Power flow optimization in a microgrid with two kinds of energy storage. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2016, 35, .	0.5	2
21	Effect of multiple compact fluorescent lamp usage on residential power quality. , 2012, , .		1
22	A generic method to model carbon emission of combined cycle for environmental power dispatch. , 2017, , .		1
23	Fastened Unit Commitment with Loss Linearization for Distributed Generation Planning Studies. , 2018, , .		1
24	A Modified DistFlow for Distributed Generation Planning Problems in Radial Grids. , 2020, , .		1
25	A Generic Benchmark for Power Market Analysis From Generation Mix To End-Users. , 2018, , .		0
26	Comparing Time Series Classification And Forecasting To Automatically Detect Distributed Generation. , 2021, , .		0
27	Impact of the Economic Environment Modelling for the Optimal Design of a Multi-Energy Microgrid. , 2020, , .		0
28	Sind mehr Solarmodule immer besser?: Bewertung des kommunalen KohlenstoffausstoÃŸes. TATuP - Zeitschrift FÄ¼r TechnikfolgenabschÄtzung in Theorie Und Praxis, 2022, 31, 25-31.	0.2	0