

# Marina Lavorato

## List of Publications by Year in descending order

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25  
papers

1,346  
citations

858243

12  
h-index

1113639

15  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1260  
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust Joint Expansion Planning of Electrical Distribution Systems and EV Charging Stations. IEEE Transactions on Sustainable Energy, 2018, 9, 884-894.	5.9	97
2	Optimal siting and sizing of renewable energy sources, storage devices, and reactive support devices to obtain a sustainable electrical distribution systems. Energy Systems, 2018, 9, 529-550.	1.8	45
3	Development of a Surface Temperature Sensor to Enhance Energy Efficiency Actions in Buildings. Sensors, 2018, 18, 3046.	2.1	7
4	Volt-Var Control and Energy Storage Device Operation to Improve the Electric Vehicle Charging Coordination in Unbalanced Distribution Networks. IEEE Transactions on Sustainable Energy, 2017, 8, 1560-1570.	5.9	57
5	Environmentally committed short-term planning of electrical distribution systems considering renewable based DG siting and sizing. , 2017, , .		8
6	Metaheuristic optimization algorithms for the optimal coordination of plug-in electric vehicle charging in distribution systems with distributed generation. Electric Power Systems Research, 2017, 142, 351-361.	2.1	50
7	Optimal allocation of energy storage devices in distribution systems considering lifetime characteristics of batteries. , 2016, , .		4
8	Optimal volt-Var control operation for energy cost reduction in distribution systems considering a voltage dependent load model. , 2016, , .		2
9	Optimal reconfiguration of electrical distribution systems considering reliability indices improvement. International Journal of Electrical Power and Energy Systems, 2016, 78, 837-845.	3.3	83
10	Robust optimisation applied to the reconfiguration of distribution systems with reliability constraints. IET Generation, Transmission and Distribution, 2016, 10, 917-927.	1.4	38
11	Multistage Long-Term Expansion Planning of Electrical Distribution Systems Considering Multiple Alternatives. IEEE Transactions on Power Systems, 2016, 31, 1900-1914.	4.6	96
12	Plug-in electric vehicle charging coordination in electrical distribution systems using a Tabu Search algorithm. , 2015, , .		2
13	Optimal Conductor Size Selection and Reconductoring in Radial Distribution Systems Using a Mixed-Integer LP Approach. IEEE Transactions on Power Systems, 2013, 28, 10-20.	4.6	85
14	Closure to Discussion on "Imposing Radiality Constraints in Distribution System Optimization Problems" IEEE Transactions on Power Systems, 2013, 28, 568-569.	4.6	3
15	A mixed-integer LP model for the optimal allocation of voltage regulators and capacitors in radial distribution systems. International Journal of Electrical Power and Energy Systems, 2013, 48, 123-130.	3.3	85
16	A mixed-integer LP model for the reconfiguration of radial electric distribution systems considering distributed generation. Electric Power Systems Research, 2013, 97, 51-60.	2.1	141
17	Specialized genetic algorithm to solve the electrical distribution system expansion planning. , 2013, , .		11
18	An efficient implementation of tabu search in feeder reconfiguration of distribution systems. , 2012, , .		7

#	ARTICLE	IF	CITATIONS
19	An Enhanced Genetic Algorithm to Solve the Static and Multistage Transmission Network Expansion Planning. Journal of Electrical and Computer Engineering, 2012, 2012, 1-12.	0.6	5
20	Imposing Radiality Constraints in Distribution System Optimization Problems. IEEE Transactions on Power Systems, 2012, 27, 172-180.	4.6	408
21	A set of linear equations to calculate the steady-state operation of an electrical distribution system. , 2011, , .		6
22	Optimal allocation of capacitors in radial distribution systems with distributed generation. , 2011, , .		2
23	A Constructive Heuristic Algorithm for Distribution System Planning. IEEE Transactions on Power Systems, 2010, 25, 1734-1742.	4.6	97
24	Distribution network planning using a constructive heuristic algorithm. , 2009, , .		4
25	Power System State Estimation: A New Method Based on Current Equations. , 2007, , .		3