Juan Manuel Home Ortiz

List of Publications by Year
in descending order

21	341	1163117 8	1199594 12
papers	citations	h-index	g-index

21	21	21	301
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optimal location-allocation of storage devices and renewable-based DG in distribution systems. Electric Power Systems Research, 2019, 172, 11-21.	3.6	96
2	A stochastic mixed-integer convex programming model for long-term distribution system expansion planning considering greenhouse gas emission mitigation. International Journal of Electrical Power and Energy Systems, 2019, 108, 86-95.	5.5	64
3	Joint reconfiguration of feeders and allocation of capacitor banks in radial distribution systems considering voltage-dependent models. International Journal of Electrical Power and Energy Systems, 2019, 107, 298-310.	5.5	44
4	A Mixed Integer Conic Model for Distribution Expansion Planning: Matheuristic Approach. IEEE Transactions on Smart Grid, 2020, 11, 3932-3943.	9.0	26
5	Optimal Restoration of Active Distribution Systems With Voltage Control and Closed-Loop Operation. IEEE Transactions on Smart Grid, 2021, 12, 2295-2306.	9.0	24
6	A stochastic mixed-integer conic programming model for distribution system expansion planning considering wind generation. Energy Systems, 2018, 9, 551-571.	3.0	22
7	Increasing RES Hosting Capacity in Distribution Networks Through Closed-Loop Reconfiguration and Volt/VAr Control. IEEE Transactions on Industry Applications, 2022, 58, 4424-4435.	4.9	20
8	Optimal Restoration of Distribution Systems Considering Temporary Closed-Loop Operation. IEEE Systems Journal, 2021, 15, 5483-5494.	4.6	12
9	Optimal Power Flow Problem Solution Through a Matheuristic Approach. IEEE Access, 2021, 9, 84576-84587.	4.2	9
10	PV hosting capacity assessment in distribution systems considering resilience enhancement. Sustainable Energy, Grids and Networks, 2022, 32, 100829.	3.9	7
11	Matheuristic Algorithm Based on Neighborhood Structure to Solve the Reconfiguration Problem of Active Distribution Systems. , 2021, , .		4
12	Convex Formulation for Optimal Active and Reactive Power Dispatch. IEEE Latin America Transactions, 2022, 20, 787-798.	1.6	4
13	Resilience Enhancing Through Microgrids Formation and Distributed Generation Allocation. , 2020, , .		3
14	Analysis of the Precision of a Second-Order Conic Model to Solve the Optimal Power Dispatch Problem in Electric Power Systems. Journal of Control, Automation and Electrical Systems, 2021, 32, 1356-1364.	2.0	2
15	Optimal Operation of Active Distribution Systems with Voltage Control and Closed-Loop Topology. , 2021, , .		1
16	Increasing the RES Hosting Capacity in Distribution Systems Through Reconfiguration with Closed-Loop Operation and Voltage Control. , 2021, , .		1
17	Optimal Scheduling of Commercial Demand Response by Technical Virtual Power Plants. , 2021, , .		1
18	Increasing the PV Hosting Capacity in Unbalanced Three-Phase Distribution Networks Through Reconfiguration with Closed-Loop Operation. , 2021, , .		1

#	Article	IF	Citations
19	Enhancement of the Resilience Through Microgrids Formation and DG Allocation with Master-Slave DG Operation. , 2020, , .		0
20	Nuevo modelo para la expansiÃ³n de sistemas elÃ©ctricos de distribuciÃ³n con generaciÃ³n distribuida considerando un planeamiento multi-etapa coordinado. IngenierÃa InvestigaciÃ³n Y TecnologÃa, 2017, 18, 43-53.	0.1	0
21	AlocaÃ§Ã£o Ã³tima de geradores distribuÃdos em sistemas de distribuiÃ§Ã£o radiais usando uma estratÃ©gia GRASP. , 0, , .		0