

# Juan Manuel Home Ortiz

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

341  
citations

1163117

8  
h-index

1199594

12  
g-index

21  
all docs

21  
docs citations

21  
times ranked

301  
citing authors

#	ARTICLE	IF	CITATIONS
1	Convex Formulation for Optimal Active and Reactive Power Dispatch. IEEE Latin America Transactions, 2022, 20, 787-798.	1.6	4
2	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
3	PV hosting capacity assessment in distribution systems considering resilience enhancement. Sustainable Energy, Grids and Networks, 2022, 32, 100829.	3.9	7
4	Optimal Power Flow Problem Solution Through a Matheuristic Approach. IEEE Access, 2021, 9, 84576-84587.	4.2	9
5	Optimal Restoration of Distribution Systems Considering Temporary Closed-Loop Operation. IEEE Systems Journal, 2021, 15, 5483-5494.	4.6	12
6	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
7	Optimal Operation of Active Distribution Systems with Voltage Control and Closed-Loop Topology. , 2021, , .		1
8	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
9	Increasing the RES Hosting Capacity in Distribution Systems Through Reconfiguration with Closed-Loop Operation and Voltage Control. , 2021, , .		1
10	Optimal Scheduling of Commercial Demand Response by Technical Virtual Power Plants. , 2021, , .		1
11	Matheuristic Algorithm Based on Neighborhood Structure to Solve the Reconfiguration Problem of Active Distribution Systems. , 2021, , .		4
12	Increasing the PV Hosting Capacity in Unbalanced Three-Phase Distribution Networks Through Reconfiguration with Closed-Loop Operation. , 2021, , .		1
13	Enhancement of the Resilience Through Microgrids Formation and DG Allocation with Master-Slave DG Operation. , 2020, , .		0
14	A Mixed Integer Conic Model for Distribution Expansion Planning: Matheuristic Approach. IEEE Transactions on Smart Grid, 2020, 11, 3932-3943.	9.0	26
15	Resilience Enhancing Through Microgrids Formation and Distributed Generation Allocation. , 2020, , .		3
16	Optimal location-allocation of storage devices and renewable-based DG in distribution systems. Electric Power Systems Research, 2019, 172, 11-21.	3.6	96
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	A stochastic mixed-integer conic programming model for distribution system expansion planning considering wind generation. Energy Systems, 2018, 9, 551-571.	3.0	22
20	Nuevo modelo para la expansión de sistemas eléctricos de distribución con generación distribuida considerando un planeamiento multi-etapa coordinado. Ingeniería Investigación Y Tecnología, 2017, 18, 43-53.	0.1	0
21	Alocación óptima de generadores distribuidos em sistemas de distribuição radial usando uma estratégia GRASP. , 0, , .		0