Mauricio Granada

List of Publications by Citations

22 papers	220 citations	8 h-index	14 g-index
25 ext. papers	290 ext. citations	1.5 avg, IF	3.52 L-index

#	Paper	IF	Citations
22	A multi-objective model for the green capacitated location-routing problem considering environmental impact. *Computers and Industrial Engineering*, **2017**, 110, 114-125	6.4	81
21	Optimal probabilistic charging of electric vehicles in distribution systems. *IET Electrical Systems in Transportation*, **2017**, 7, 246-251	2.1	31
20	Optimal Phase Balancing Planning for Loss Reduction in Distribution Systems using a Specialized Genetic Algorithm. *Ingeniería Y Ciencia*, **2012**, 8, 121-140	0.5	17
19	Optimal location, sizing and operation of energy storage in distribution systems using multi-objective approach. *IEEE Latin America Transactions*, **2017**, 15, 1084-1090	0.7	14
18	Optimal Planning and Operation of Distribution Systems Considering Distributed Energy Resources and Automatic Reclosers. *IEEE Latin America Transactions*, **2018**, 16, 126-134	0.7	9
17	Improved Genetic Algorithm for Phase-Balancing in Three-Phase Distribution Networks: A Master-Slave Optimization Approach. *Computation*, **2021**, 9, 67	2.2	9
16	Green open location-routing problem considering economic and environmental costs. *International Journal of Industrial Engineering Computations*, **2017**, 203-216	1.7	8
15	An Efficient Three Phase Four Wire Radial Power Flow Including Neutral-Earth Effect. *Journal of Control, Automation and Electrical Systems*, **2013**, 24, 690-701	1.5	8
14	A metaheuristic algorithm for the multi-depot vehicle routing problem with heterogeneous fleet. *International Journal of Industrial Engineering Computations*, **2018**, 461-478	1.7	8
13	Integrated planning of electric vehicles routing and charging stations location considering transportation networks and power distribution systems. *International Journal of Industrial Engineering Computations*, **2018**, 535-550	1.7	6
12	Electric vehicle routing problem with backhauls considering the location of charging stations and the operation of the electric power distribution system. *Tecno Lógicas*, **2019**, 22, 1-20	0.6	5
11	A multi-objective Pareto ant colony algorithm for the Multi-Depot Vehicle Routing problem with Backhauls. *International Journal of Industrial Engineering Computations*, **2016**, 35-48	1.7	4
10	An MIP formulation for the open location-routing problem considering the topological characteristic of the solution-paths. *Networks*, **2019**, 74, 374-388	1.6	4
9	Multi-area decentralized optimal VAr planning using the Dantzig-Wolfe decomposition principle **2010**,		4
8	A heuristic algorithm based on tabu search for vehicle routing problems with backhauls. *Decision Science Letters*, **2018**, 171-180	1.3	4
7	Optimal Location and Sizing of DGs in DC Networks Using a Hybrid Methodology Based on the PPBIL Algorithm and the VSA. *Mathematics*, **2021**, 9, 1913	2.3	3
6	Probabilistic Algorithms for Power Load Flow and Short-Circuit Analysis in Distribution Networks with Dispersed Generation. *Journal of Control, Automation and Electrical Systems*, **2013**, 24, 324-338	1.5	2

5	Optimal planning of secondary distribution systems considering distributed generation and network reliability **2016**,		1
4	Optimal Location of Protective Devices Using Multi-objective Approach. *Communications in Computer and Information Science*, **2018**, 3-15	0.3	1
3	Optimal management of vegetation maintenance and the associated costs of its implementation in overhead power distribution systems. *Tecno L□gicas*, **2019**, 22, 91-107	0.6	0
2	Fluxo de pot□cia AC para opera□ independente de □eas interligadas. *Controle and Automacao*, **2011**, 22, 325-333		
1	Integrated Methodology for the Planning of Electrical Distribution System Considering the Continuity of the Service and the Reduction of Technical Losses. *Communications in Computer and Information Science*, **2019**, 537-551	0.3	