Ali Selim

List of Publications by Year
in descending order

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45 papers	783 citations	566801 15 h-index	642321 23 g-index
45 all docs	45 docs citations	45 times ranked	546 citing authors

#	Article	IF	Citations
1	An improved Rao algorithm for frequency stability enhancement of nonlinear power system interconnected by AC/DC links with high renewables penetration. Neural Computing and Applications, 2022, 34, 2883-2911.	3.2	18
2	An improved seagull optimization algorithm for optimal coordination of distance and directional over-current relays. Expert Systems With Applications, 2022, 200, 116931.	4.4	21
3	Optimal allocation of distributed generation with the presence of photovoltaic and battery energy storage system using improved barnacles mating optimizer. Energy Science and Engineering, 2022, 10, 2970-3000.	1.9	2
4	Optimal setting of PV and battery energy storage in radial distribution systems using multiâ€objective criteria with fuzzy logic decisionâ€making. IET Generation, Transmission and Distribution, 2021, 15, 135-148.	1.4	17
5	An Improved Heap-Based Optimizer for Optimal Reactive Power Dispatch. IEEE Access, 2021, 9, 58319-58336.	2.6	25
6	Fuzzy-Based Optimal Integration of Multiple Distributed Generations. Power Systems, 2021, , 1-22.	0.3	0
7	Developing a Hybrid Approach Based on Analytical and Metaheuristic Optimization Algorithms for the Optimization of Renewable DG Allocation Considering Various Types of Loads. Sustainability, 2021, 13, 4447.	1.6	6
8	A Modified Rao-2 Algorithm for Optimal Power Flow Incorporating Renewable Energy Sources. Mathematics, 2021, 9, 1532.	1.1	30
9	Optimal Allocation of Multiple Types of Distributed Generations in Radial Distribution Systems Using a Hybrid Technique. Sustainability, 2021, 13, 6644.	1.6	21
10	Electric Vehicles Charging Management for Real-Time Pricing Considering the Preferences of Individual Vehicles. Applied Sciences (Switzerland), 2021, 11, 6632.	1.3	2
11	Optimal allocation of distributed generation/shunt capacitor using hybrid analytical/metaheuristic techniques. , 2021, , 505-531.		0
12	Efficient optimization technique for multiple DG allocation in distribution networks. Applied Soft Computing Journal, 2020, 86, 105938.	4.1	97
13	Developing and Applying Chaotic Harris Hawks Optimization Technique for Extracting Parameters of Several Proton Exchange Membrane Fuel Cell Stacks. IEEE Access, 2020, 8, 1146-1159.	2.6	77
14	Single- and multi-objective optimization for photovoltaic distributed generators implementation in probabilistic power flow algorithm. Electrical Engineering, 2020, 102, 331-347.	1.2	12
15	Parameter identification of proton exchange membrane fuel cells using an improved salp swarm algorithm. Energy Conversion and Management, 2020, 224, 113341.	4.4	51
16	Voltage stability analysis based on optimal placement of multiple<scp>DG</scp>types using hybrid optimization technique. International Transactions on Electrical Energy Systems, 2020, 30, e12551.	1.2	11
17	Development and Implementation of a Novel Optimization Algorithm for Reliable and Economic Grid-Independent Hybrid Power System. Applied Sciences (Switzerland), 2020, 10, 6604.	1.3	29
18	Optimal allocation of distribution static compensators using a developed multi-objective sine cosine approach. Computers and Electrical Engineering, 2020, 85, 106671.	3.0	17

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19	Capacitors Allocation in Distribution Systems Using a Hybrid Formulation Based on Analytical and Two Metaheuristic Optimization Techniques. Computers and Electrical Engineering, 2020, 85, 106675.	3.0	19
20	Optimal Placement of DGs in Distribution System Using an Improved Harris Hawks Optimizer Based on Single- and Multi-Objective Approaches. IEEE Access, 2020, 8, 52815-52829.	2.6	103
21	Voltage Stability Assessment of Radial Distribution Systems Including Optimal Allocation of Distributed Generators. International Journal of Interactive Multimedia and Artificial Intelligence, 2020, 6, 32.	1.0	6
22	Fast quasi-static time-series analysis and reactive power control of unbalanced distribution systems. International Transactions on Electrical Energy Systems, 2019, 29, e2673.	1.2	17
23	Power System Voltage Stability Based on Optimal Size and Location of Shunt Capacitor Using Analytical Technique. , 2019, , .		6
24	Development of Probabilistic Power Flow Algorithm for Radial Distribution Systems with Capacitors Using Analytical Approach. , 2019, , .		3
25	Multi-Objective Whale Optimization Algorithm for Optimal Integration of Multiple DGs into Distribution Systems. , 2019, , .		15
26	Power losses and Energy Cost Minimization Using Shunt Capacitors Installation in Distribution Systems. , 2019, , .		9
27	Voltage Profile Enhancement Using Multi-Objective Sine Cosine Algorithm for Optimal Installation of DSTACOMs into Distribution Systems. , 2019, , .		7
28	Optimal Coordination of Overcurrent Relays Using Metaphor-less Simple Method. , 2019, , .		8
29	Development of Analytical Technique for Optimal DG and Capacitor Allocation in Radial Distribution Systems Considering Load Variation. , 2019, , .		2
30	Developed Algorithm Based on Lightning Search optimizer and Analytical Technique for Allocation of Distribution Generators. , 2019, , .		1
31	Optimal Placement of DG and Capacitor in Radial Distribution Systems Considering Load Variation. , 2019, , .		8
32	An Efficient Analytical Technique for Optimal Sizing of Distributed Generations in Radial Distribution System Considering Load Variation. , 2019, , .		1
33	Optimal Placement of Distribution Static Compensators in Radial Distribution Systems Using Hybrid Analytical-Coyote optimization Technique. , 2019, , .		10
34	Optimal Placement of Phasor Measurement Units for State Estimation of Electrical Power Systems. , 2019, , .		2
35	Application of coyote optimizer for Optimal DG Placement in Radial Distribution Systems. , 2019, , .		2
36	Capacitor Allocation in Distribution Systems Using Fuzzy Loss Sensitivity Factor with Sine Cosine Algorithm. , 2019, , .		8

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37	Enhancement of voltage profile for unbalanced distribution system with wind energy and superconducting magnetic energy storage. , 2018, , .		6
38	Voltage Profile Improvement in Active Distribution Networks Using Hybrid WOA-SCA Optimization Algorithm. , 2018, , .		23
39	Hybrid Optimization Technique for Optimal Placement of DG and D-STATCOM in Distribution Networks. , 2018, , .		29
40	A Developed Approach Based on Lagrange Linear Prediction for Time-series Power-flow Simulation. Electric Power Components and Systems, 2018, 46, 1312-1320.	1.0	6
41	Probabilistic Load Flow Solution Considering Optimal Allocation of SVC in Radial Distribution System. International Journal of Interactive Multimedia and Artificial Intelligence, 2018, 5, 152.	1.0	9
42	Development of newton-raphson power-flow method based on second order multiplier. , 2017, , .		8
43	Efficient time series simulation of distribution systems with voltage regulation and PV penetration. , 2016, , .		10
44	Plug-in hybrid electric vehicles aggregation and real-time active power control simulation analysis in distribution systems. , 2016, , .		8
45	Initialised loadâ€flow analysis based on Lagrange polynomial approximation for efficient quasiâ€static timeâ€series simulation. IET Generation, Transmission and Distribution, 2015, 9, 2768-2774.	1.4	21