

# Ali Selim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3848575/publications.pdf>

Version: 2024-02-01

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	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
2	Efficient optimization technique for multiple DG allocation in distribution networks. Applied Soft Computing Journal, 2020, 86, 105938.	4.1	97
3	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
4	Parameter identification of proton exchange membrane fuel cells using an improved salp swarm algorithm. Energy Conversion and Management, 2020, 224, 113341.	4.4	51
5	A Modified Rao-2 Algorithm for Optimal Power Flow Incorporating Renewable Energy Sources. Mathematics, 2021, 9, 1532.	1.1	30
6	Hybrid Optimization Technique for Optimal Placement of DG and D-STATCOM in Distribution Networks. , 2018, , .		29
7	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
8	An Improved Heap-Based Optimizer for Optimal Reactive Power Dispatch. IEEE Access, 2021, 9, 58319-58336.	2.6	25
9	Voltage Profile Improvement in Active Distribution Networks Using Hybrid WOA-SCA Optimization Algorithm. , 2018, , .		23
10	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
11	Optimal Allocation of Multiple Types of Distributed Generations in Radial Distribution Systems Using a Hybrid Technique. Sustainability, 2021, 13, 6644.	1.6	21
12	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
13	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
14	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
15	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
16	Optimal allocation of distribution static compensators using a developed multi-objective sine cosine approach. Computers and Electrical Engineering, 2020, 85, 106671.	3.0	17
17	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
18	Multi-Objective Whale Optimization Algorithm for Optimal Integration of Multiple DGs into Distribution Systems. , 2019, , .		15

#	ARTICLE	IF	CITATIONS
19	Single- and multi-objective optimization for photovoltaic distributed generators implementation in probabilistic power flow algorithm. <i>Electrical Engineering</i> , 2020, 102, 331-347.	1.2	12
20	Voltage stability analysis based on optimal placement of multiple DG types using hybrid optimization technique. <i>International Transactions on Electrical Energy Systems</i> , 2020, 30, e12551.	1.2	11
21	Efficient time series simulation of distribution systems with voltage regulation and PV penetration. , 2016, , .		10
22	Optimal Placement of Distribution Static Compensators in Radial Distribution Systems Using Hybrid Analytical-Coyote optimization Technique. , 2019, , .		10
23	Power losses and Energy Cost Minimization Using Shunt Capacitors Installation in Distribution Systems. , 2019, , .		9
24	Probabilistic Load Flow Solution Considering Optimal Allocation of SVC in Radial Distribution System. <i>International Journal of Interactive Multimedia and Artificial Intelligence</i> , 2018, 5, 152.	1.0	9
25	Plug-in hybrid electric vehicles aggregation and real-time active power control simulation analysis in distribution systems. , 2016, , .		8
26	Development of newton-raphson power-flow method based on second order multiplier. , 2017, , .		8
27	Optimal Coordination of Overcurrent Relays Using Metaphor-less Simple Method. , 2019, , .		8
28	Optimal Placement of DG and Capacitor in Radial Distribution Systems Considering Load Variation. , 2019, , .		8
29	Capacitor Allocation in Distribution Systems Using Fuzzy Loss Sensitivity Factor with Sine Cosine Algorithm. , 2019, , .		8
30	Voltage Profile Enhancement Using Multi-Objective Sine Cosine Algorithm for Optimal Installation of DSTACOMs into Distribution Systems. , 2019, , .		7
31	Enhancement of voltage profile for unbalanced distribution system with wind energy and superconducting magnetic energy storage. , 2018, , .		6
32	A Developed Approach Based on Lagrange Linear Prediction for Time-series Power-flow Simulation. <i>Electric Power Components and Systems</i> , 2018, 46, 1312-1320.	1.0	6
33	Power System Voltage Stability Based on Optimal Size and Location of Shunt Capacitor Using Analytical Technique. , 2019, , .		6
34	Developing a Hybrid Approach Based on Analytical and Metaheuristic Optimization Algorithms for the Optimization of Renewable DG Allocation Considering Various Types of Loads. <i>Sustainability</i> , 2021, 13, 4447.	1.6	6
35	Voltage Stability Assessment of Radial Distribution Systems Including Optimal Allocation of Distributed Generators. <i>International Journal of Interactive Multimedia and Artificial Intelligence</i> , 2020, 6, 32.	1.0	6
36	Development of Probabilistic Power Flow Algorithm for Radial Distribution Systems with Capacitors Using Analytical Approach. , 2019, , .		3

#	ARTICLE	IF	CITATIONS
37	Development of Analytical Technique for Optimal DG and Capacitor Allocation in Radial Distribution Systems Considering Load Variation. , 2019, , .		2
38	Optimal Placement of Phasor Measurement Units for State Estimation of Electrical Power Systems. , 2019, , .		2
39	Application of coyote optimizer for Optimal DG Placement in Radial Distribution Systems. , 2019, , .		2
40	Electric Vehicles Charging Management for Real-Time Pricing Considering the Preferences of Individual Vehicles. Applied Sciences (Switzerland), 2021, 11, 6632.	1.3	2
41	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
42	Developed Algorithm Based on Lightning Search optimizer and Analytical Technique for Allocation of Distribution Generators. , 2019, , .		1
43	An Efficient Analytical Technique for Optimal Sizing of Distributed Generations in Radial Distribution System Considering Load Variation. , 2019, , .		1
44	Fuzzy-Based Optimal Integration of Multiple Distributed Generations. Power Systems, 2021, , 1-22.	0.3	0
45	Optimal allocation of distributed generation/shunt capacitor using hybrid analytical/metaheuristic techniques. , 2021, , 505-531.		0