

Mohamed A Tolba

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

578
citations

759233

12
h-index

1058476

14
g-index

27
all docs

27
docs citations

27
times ranked

520
citing authors

#	ARTICLE	IF	CITATIONS
1	Power system operation enhancement using a new hybrid methodology for optimal allocation of FACTS devices. Energy Reports, 2022, 8, 217-238.	5.1	36
2	Optimal Sizing of Stand-Alone Microgrids Based on Recent Metaheuristic Algorithms. Mathematics, 2022, 10, 140.	2.2	16
3	Efficient Utilization of the Power Grid using FACTS devices based on a new Metaheuristic Optimizer. , 2021, , .		7
4	Integration of DGs Optimally to Enhance the Voltage Profile and Stability Index of Distribution Grid. , 2021, , .		3
5	Comprehensive Modeling and Control of Grid-Connected Hybrid Energy Sources Using MPPT Controller. Energies, 2021, 14, 5142.	3.1	19
6	A Robust Methodology Approach Based Sparrow Search Algorithm for the Incorporation of Rdgs to Improve the Distribution Grid Performance. , 2021, , .		2
7	An Efficient Chameleon Swarm Algorithm for Economic Load Dispatch Problem. Mathematics, 2021, 9, 2770.	2.2	31
8	Fuel Cell Parameters Estimation via Marine Predators and Political Optimizers. IEEE Access, 2020, 8, 166998-167018.	4.2	46
9	Heuristic optimization techniques for connecting renewable distributed generators on distribution grids. Neural Computing and Applications, 2020, 32, 14195-14225.	5.6	25
10	Performance Analysis of Solar PV System under Shading Condition. , 2020, , .		0
11	Optimum Size of Battery-less Energy Sources Autonomous Hybrid Power System for Water Pumping Applications. , 2020, , .		1
12	Performance Enhancement of Micro Grid System with SMES Storage System Based on Mine Blast Optimization Algorithm. Energies, 2019, 12, 3110.	3.1	17
13	A novel statistical performance evaluation of most modern optimization-based global MPPT techniques for partially shaded PV system. Renewable and Sustainable Energy Reviews, 2019, 115, 109372.	16.4	118
14	Power Balance Management of an Autonomous Hybrid Energy System Based on the Dual-Energy Storage. Energies, 2019, 12, 4690.	3.1	6
15	VLCI approach for optimal capacitors allocation in distribution networks based on hybrid PSO-GSA optimization algorithm. Neural Computing and Applications, 2019, 31, 3833-3850.	5.6	15
16	LVCI approach for optimal allocation of distributed generations and capacitor banks in distribution grids based on moth-flame optimization algorithm. Electrical Engineering, 2018, 100, 2059-2084.	2.0	20
17	Study and analysis of power quality of electric power system. Case study: Republic of Tajikistan. , 2018, , .		12
18	Integration of Renewable Distributed Generation in Distribution Networks Including a Practical Case Study Based on a Hybrid PSO-GSA Optimization Algorithm. Electric Power Components and Systems, 2018, 46, 2103-2116.	1.8	10

#	ARTICLE	IF	CITATIONS
19	A Novel Robust Methodology Based Salp Swarm Algorithm for Allocation and Capacity of Renewable Distributed Generators on Distribution Grids. <i>Energies</i> , 2018, 11, 2556.	3.1	68
20	Impact of Optimum Allocation of Renewable Distributed Generations on Distribution Networks Based on Different Optimization Algorithms. <i>Energies</i> , 2018, 11, 245.	3.1	42
21	Optimal allocation and sizing of multiple distributed generators in distribution networks using a novel hybrid particle swarm optimization algorithm. , 2017, , .		18
22	A new hybrid PSO-GSA algorithm for optimal allocation and sizing of capacitor banks in RDS. , 2017, , .		4
23	Measurement and analysis of an electric power distribution system with optimal reactive power compensation for improving the power quality. Case study: Middle Egypt region. , 2017, , .		5
24	Comprehensive analysis of optimal allocation of capacitor banks in various distribution networks using different hybrid optimization algorithms. , 2017, , .		17
25	Optimal sitting and sizing of renewable distributed generations in distribution networks using a hybrid PSO-GSA optimization algorithm. , 2017, , .		18
26	Optimal shunt capacitors sittings and sizing in radial distribution systems using a novel hybrid optimization algorithm. , 2016, , .		5
27	Study and analysis of power quality for an electric power distribution system - Case study: Moscow region. , 2016, , .		17