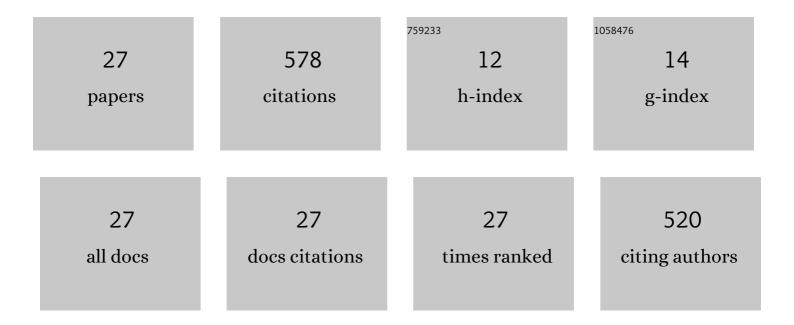
Mohamed A Tolba

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3872786/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	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
2	A Novel Robust Methodology Based Salp Swarm Algorithm for Allocation and Capacity of Renewable Distributed Generators on Distribution Grids. Energies, 2018, 11, 2556.	3.1	68
3	Fuel Cell Parameters Estimation via Marine Predators and Political Optimizers. IEEE Access, 2020, 8, 166998-167018.	4.2	46
4	Impact of Optimum Allocation of Renewable Distributed Generations on Distribution Networks Based on Different Optimization Algorithms. Energies, 2018, 11, 245.	3.1	42
5	Power system operation enhancement using a new hybrid methodology for optimal allocation of FACTS devices. Energy Reports, 2022, 8, 217-238.	5.1	36
6	An Efficient Chameleon Swarm Algorithm for Economic Load Dispatch Problem. Mathematics, 2021, 9, 2770.	2.2	31
7	Heuristic optimization techniques for connecting renewable distributed generators on distribution grids. Neural Computing and Applications, 2020, 32, 14195-14225.	5.6	25
8	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
9	Comprehensive Modeling and Control of Grid-Connected Hybrid Energy Sources Using MPPT Controller. Energies, 2021, 14, 5142.	3.1	19
10	Optimal allocation and sizing of multiple distributed generators in distribution networks using a novel hybrid particle swarm optimization algorithm. , 2017, , .		18
11	Optimal sitting and sizing of renewable distributed generations in distribution networks using a hybrid PSOGSA optimization algorithm. , 2017, , .		18
12	Study and analysis of power quality for an electric power distribution system - Case study: Moscow region. , 2016, , .		17
13	Comprehensive analysis of optimal allocation of capacitor banks in various distribution networks using different hybrid optimization algorithms. , 2017, , .		17
14	Performance Enhancement of Micro Grid System with SMES Storage System Based on Mine Blast Optimization Algorithm. Energies, 2019, 12, 3110.	3.1	17
15	Optimal Sizing of Stand-Alone Microgrids Based on Recent Metaheuristic Algorithms. Mathematics, 2022, 10, 140.	2.2	16
16	VLCI approach for optimal capacitors allocation in distribution networks based on hybrid PSOGSA optimization algorithm. Neural Computing and Applications, 2019, 31, 3833-3850.	5.6	15
17	Study and analysis of power quality of electric power system. Case study: Republic of Tajikistan. , 2018, , \cdot		12
18	Integration of Renewable Distributed Generation in Distribution Networks Including a Practical Case Study Based on a Hybrid PSOGSA Optimization Algorithm. Electric Power Components and Systems, 2018, 46, 2103-2116	1.8	10

Mohamed A Tolba

#	Article	IF	CITATIONS
19	Efficient Utilization of the Power Grid using FACTS devices based on a new Metaheuristic Optimizer. , 2021, , .		7
20	Power Balance Management of an Autonomous Hybrid Energy System Based on the Dual-Energy Storage. Energies, 2019, 12, 4690.	3.1	6
21	Optimal shunt capacitors sittings and sizing in radial distribution systems using a novel hybrid optimization algorithm. , 2016, , .		5
22	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
23	A new hybrid PSOCSA algorithm for optimal allocation and sizing of capacitor banks in RDS. , 2017, , .		4
24	Integration of DGs Optimally to Enhance the Voltage Profile and Stability Index of Distribution Grid. , 2021, , .		3
25	A Robust Methodology Approach Based Sparrow Search Algorithm for the Incorporation of Rdgs to Improve the Distribution Grid Performance. , 2021, , .		2
26	Optimum Size of Battery-less Energy Sources Autonomous Hybrid Power System for Water Pumping Applications. , 2020, , .		1
27	Performance Analysis of Solar PV System under Shading Condition. , 2020, , .		Ο