

# Partha P Biswas

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23  
papers

805  
citations

11  
h-index

23  
g-index

23  
ext. papers

1,129  
ext. citations

6.3  
avg, IF

5  
L-index

#	Paper	IF	Citations
23	Differential evolution with orthogonal array-based initialization and a novel selection strategy. <i>Swarm and Evolutionary Computation</i> , <b>2022</b> , 68, 101010	9.8	3
22	Optimal placement and sizing of FACTS devices for optimal power flow in a wind power integrated electrical network. <i>Neural Computing and Applications</i> , <b>2021</b> , 33, 6753-6774	4.8	13
21	Cyber-Attack Case Studies on Dynamic Voltage Restorer in Smart Grid. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 191-208	0.9	
20	Electricity Theft Pinpointing Through Correlation Analysis of Master and Individual Meter Readings. <i>IEEE Transactions on Smart Grid</i> , <b>2020</b> , 11, 3031-3042	10.7	11
19	False Data Injection Cyber Range of Modernized Substation System <b>2020</b> ,		3
18	PowerNet: a smart energy forecasting architecture based on neural networks. <i>IET Smart Cities</i> , <b>2020</b> , 2, 199-207	3.8	0
17	Large Initial Population and Neighborhood Search incorporated in LSHADE to solve CEC2020 Benchmark Problems <b>2020</b> ,		6
16	Multi-objective optimal power flow solutions using a constraint handling technique of evolutionary algorithms. <i>Soft Computing</i> , <b>2020</b> , 24, 2999-3023	3.5	30
15	Parameter estimation of solar cells using datasheet information with the application of an adaptive differential evolution algorithm. <i>Renewable Energy</i> , <b>2019</b> , 132, 425-438	8.1	90
14	Optimal reactive power dispatch with uncertainties in load demand and renewable energy sources adopting scenario-based approach. <i>Applied Soft Computing Journal</i> , <b>2019</b> , 75, 616-632	7.5	80
13	Multiobjective economic-environmental power dispatch with stochastic wind-solar-small hydro power. <i>Energy</i> , <b>2018</b> , 150, 1039-1057	7.9	110
12	Decomposition based multi-objective evolutionary algorithm for windfarm layout optimization. <i>Renewable Energy</i> , <b>2018</b> , 115, 326-337	8.1	25
11	Optimal power flow solutions using differential evolution algorithm integrated with effective constraint handling techniques. <i>Engineering Applications of Artificial Intelligence</i> , <b>2018</b> , 68, 81-100	7.2	115
10	Optimal Power Flow Solutions Using Algorithm Success History Based Adaptive Differential Evolution with Linear Population Reduction <b>2018</b> ,		2
9	Distribution Network Reconfiguration Together with Distributed Generator and Shunt Capacitor Allocation for Loss Minimization <b>2018</b> ,		7
8	Multiobjective Evolutionary Optimization <b>2018</b> , 1-15		1
7	Optimization of Wind Turbine Rotor Diameters and Hub Heights in a Windfarm Using Differential Evolution Algorithm. <i>Advances in Intelligent Systems and Computing</i> , <b>2017</b> , 131-141	0.4	3

6	Minimizing harmonic distortion in power system with optimal design of hybrid active power filter using differential evolution. <i>Applied Soft Computing Journal</i> , <b>2017</b> , 61, 486-496	7.5	41
5	Optimal placement of wind turbines in a windfarm using L-SHADE algorithm <b>2017</b> ,		8
4	Optimal power flow solutions incorporating stochastic wind and solar power. <i>Energy Conversion and Management</i> , <b>2017</b> , 148, 1194-1207	10.6	175
3	A multiobjective approach for optimal placement and sizing of distributed generators and capacitors in distribution network. <i>Applied Soft Computing Journal</i> , <b>2017</b> , 60, 268-280	7.5	70
2	Minimizing THD of multilevel inverters with optimal values of DC voltages and switching angles using LSHADE-EpSin algorithm <b>2017</b> ,		7
1	Optimal reconfiguration and distributed generator allocation in distribution network using an advanced adaptive differential evolution <b>2017</b> ,		5