

# Bishwajit Dey

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

650  
citations

623734

14  
h-index

642732

23  
g-index

33  
all docs

33  
docs citations

33  
times ranked

267  
citing authors

#	ARTICLE	IF	CITATIONS
1	Solving multi-objective economic emission dispatch of a renewable integrated microgrid using latest bio-inspired algorithms. <i>Engineering Science and Technology, an International Journal</i> , 2019, 22, 55-66.	3.2	68
2	Optimal scheduling of distributed energy resources in microgrid systems based on electricity market pricing strategies by a novel hybrid optimization technique. <i>International Journal of Electrical Power and Energy Systems</i> , 2022, 134, 107419.	5.5	66
3	A hybrid optimization-based approach to solve environment constrained economic dispatch problem on microgrid system. <i>Journal of Cleaner Production</i> , 2021, 307, 127196.	9.3	52
4	Solving energy management of renewable integrated microgrid systems using crow search algorithm. <i>Soft Computing</i> , 2020, 24, 10433-10454.	3.6	42
5	Smart Energy Management of Residential Microgrid System by a Novel Hybrid MGWOSCACSA Algorithm. <i>Energies</i> , 2020, 13, 3500.	3.1	41
6	Amended GWO approach based multi-machine power system stability enhancement. <i>ISA Transactions</i> , 2021, 109, 152-174.	5.7	39
7	A novel ameliorated Harris hawk optimizer for solving complex engineering optimization problems. <i>International Journal of Intelligent Systems</i> , 2021, 36, 7641-7681.	5.7	36
8	Dynamic cost analysis of a grid connected microgrid using neighborhood based differential evolution technique. <i>International Transactions on Electrical Energy Systems</i> , 2019, 29, e2665.	1.9	32
9	Demand side management based optimal scheduling of distributed generators for clean and economic operation of a microgrid system. <i>International Journal of Energy Research</i> , 2022, 46, 8817-8837.	4.5	27
10	Demand side management for solving environment constrained economic dispatch of a microgrid system using hybrid MGWOSCACSA algorithm. <i>CAAI Transactions on Intelligence Technology</i> , 2022, 7, 256-267.	8.1	24
11	A novel hybrid algorithm for solving emerging electricity market pricing problem of microgrid. <i>International Journal of Intelligent Systems</i> , 2021, 36, 919-961.	5.7	23
12	A comparative analysis between price penalty factor method and fractional programming method for combined economic emission dispatch problem using novel hybrid CSA-JAYA algorithm. <i>IET Smart Grid</i> , 2021, 4, 367-380.	2.2	17
13	Economic emission dispatch on unit commitment-based microgrid system considering wind and load uncertainty using hybrid MGWOSCACSA. <i>Journal of Electrical Systems and Information Technology</i> , 2020, 7, .	1.7	16
14	Combined economic emission dispatch on dynamic systems using hybrid CSA-JAYA Algorithm. <i>International Journal of Systems Assurance Engineering and Management</i> , 2022, 13, 2269-2290.	2.4	16
15	Uncertainty-based dynamic economic dispatch for diverse load and wind profiles using a novel hybrid algorithm. <i>Environment, Development and Sustainability</i> , 2023, 25, 4723-4763.	5.0	16
16	Optimal reactive power planning using oppositional grey wolf optimization by considering bus vulnerability analysis. <i>Energy Conversion and Economics</i> , 2022, 3, 38-49.	3.2	15
17	Neighborhood based differential evolution technique to perform dynamic economic load dispatch on microgrid with renewables. , 2018, , .		14
18	Modified branch and bound algorithm for unravelling optimal PMU placement problem for power grid observability: A comparative analysis. <i>CAAI Transactions on Intelligence Technology</i> , 2021, 6, 450-470.	8.1	13

#	ARTICLE	IF	CITATIONS
19	Energy management of microgrids with renewables using soft computing techniques. , 2015, , .		12
20	Comparison of various electricity market pricing strategies to reduce generation cost of a microgrid system using hybrid WOA-SCA. Evolutionary Intelligence, 2022, 15, 1587-1604.	3.6	12
21	Dynamic Economic and Emission Dispatch of Large Scale Renewable Integrated Microgrids for Varying Loads and Seasons. , 2018, , .		10
22	Solving economic load dispatch problem using hybrid Krill Herd algorithm. , 2015, , .		9
23	Energy management of various microgrid test systems using swarm evolutionary algorithms. , 2019, , 323-341.		8
24	Optimal Sizing of Distributed Energy Resources in a Microgrid System with Highly Penetrated Renewables. Iranian Journal of Science and Technology - Transactions of Electrical Engineering, 2019, 43, 527-540.	2.3	8
25	MGWOSCACSA: A Novel Hybrid Algorithm for Energy Management of Microgrid Systems. Lecture Notes in Electrical Engineering, 2021, , 669-678.	0.4	7
26	Robust Economic Dispatch of Microgrid With Highly Penetrated Renewables and Energy Storage System. International Journal of Energy Optimization and Engineering, 2019, 8, 67-87.	0.6	6
27	Hybrid Intelligence Techniques for Unit Commitment of Microgrids. , 2019, , .		6
28	Dynamic economic dispatch of microgrid system using hybrid intelligence techniques. , 2019, , .		6
29	A novel metaheuristic approach to scale the economic impact of grid participation on a microgrid system. Sustainable Energy Technologies and Assessments, 2022, 53, 102417.	2.7	5
30	A Hybrid GWO-PSO Technique for the Solution of Reactive Power Planning Problem. International Journal of Swarm Intelligence Research, 2021, 13, 1-30.	0.7	4
31	Robust Economic Dispatch of Microgrid With Highly Penetrated Renewables and Energy Storage System. , 2022, , 196-216.		0
32	Selection and Scheduling of DG Sources for Environomic Operation Management of a Microgrid System. Lecture Notes on Data Engineering and Communications Technologies, 2021, , 530-542.	0.7	0