Sanchari Deb

List of Publications by Year
in descending order

39 papers	1,211 citations	471371 17 h-index	552653 26 g-index
41 all docs	41 docs citations	41 times ranked	653 citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Electric Vehicle Charging Station Load on Distribution Network. Energies, 2018, 11, 178.	1.6	253
2	Review of recent trends in charging infrastructure planning for electric vehicles. Wiley Interdisciplinary Reviews: Energy and Environment, 2018, 7, e306.	1.9	93
3	Different charging infrastructures along with smart charging strategies for electric vehicles. Sustainable Cities and Society, 2020, 60, 102238.	5.1	92
4	Recent Methodology-Based Gradient-Based Optimizer for Economic Load Dispatch Problem. IEEE Access, 2021, 9, 44322-44338.	2.6	69
5	Charging Station Placement for Electric Vehicles: A Case Study of Guwahati City, India. IEEE Access, 2019, 7, 100270-100282.	2.6	64
6	Review of impact of electric vehicle charging station on the power grid. , 2017, , .		57
7	Identification of Parameters in Photovoltaic Models through a Runge Kutta Optimizer. Mathematics, 2021, 9, 2313.	1.1	52
8	A novel chicken swarm and teaching learning based algorithm for electric vehicle charging station placement problem. Energy, 2021, 220, 119645.	4.5	48
9	Recent Studies on Chicken Swarm Optimization algorithm: a review (2014â€"2018). Artificial Intelligence Review, 2020, 53, 1737-1765.	9.7	47
10	Impact of electric vehicle charging stations on reliability of distribution network. , 2017, , .		46
11	A New Teachingâ€"Learning-based Chicken Swarm Optimization Algorithm. Soft Computing, 2020, 24, 5313-5331.	2.1	32
12	An Efficient Chameleon Swarm Algorithm for Economic Load Dispatch Problem. Mathematics, 2021, 9, 2770.	1.1	31
13	Performance of Turbulent Flow of Water Optimization on Economic Load Dispatch Problem. IEEE Access, 2021, 9, 77882-77893.	2.6	29
14	Charge Scheduling Optimization of Plug-In Electric Vehicle in a PV Powered Grid-Connected Charging Station Based on Day-Ahead Solar Energy Forecasting in Australia. Sustainability, 2022, 14, 3498.	1.6	28
15	Nature-Inspired Optimization Algorithms Applied for Solving Charging Station Placement Problem: Overview and Comparison. Archives of Computational Methods in Engineering, 2021, 28, 91-106.	6.0	27
16	A Hybrid Multi-Objective Chicken Swarm Optimization and Teaching Learning Based Algorithm for Charging Station Placement Problem. IEEE Access, 2020, , 1-1.	2.6	25
17	Distribution Network planning considering the impact of Electric Vehicle charging station load. , 2019, , 529-553.		20
18	A Robust Two-Stage Planning Model for the Charging Station Placement Problem Considering Road Traffic Uncertainty. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 6571-6585.	4.7	20

#	Article	IF	Citations
19	Planning and operation of EV charging stations by chicken swarm optimization driven heuristics. Energy Conversion and Economics, 2021, 2, 91-99.	1.9	20
20	Feasibility Assessment of Hybrid Solar Photovoltaic-Biogas Generator Based Charging Station: A Case of Easy Bike and Auto Rickshaw Scenario in a Developing Nation. Sustainability, 2022, 14, 166.	1.6	19
21	Optimal placement of charging stations using CSO-TLBO algorithm. , 2017, , .		17
22	A Novel Gradient Based Optimizer for Solving Unit Commitment Problem. IEEE Access, 2022, 10, 18081-18092.	2.6	17
23	Reliability analysis of PV cell, wind turbine and diesel generator by using Bayesian network. , 2016, , .		13
24	Performance of Gradient-Based Optimizer on Charging Station Placement Problem. Mathematics, 2021, 9, 2821.	1.1	13
25	Economic Load Dispatch Problem Based on Search and Rescue Optimization Algorithm. IEEE Access, 2022, 10, 47109-47123.	2.6	12
26	Evaluation of Weighted Mean of Vectors Algorithm for Identification of Solar Cell Parameters. Processes, 2022, 10, 1072.	1.3	12
27	Prediction of Charging Demand of Electric City Buses of Helsinki, Finland by Random Forest. Energies, 2022, 15, 3679.	1.6	8
28	A hybrid ant lion optimization chicken swarm optimization algorithm for charger placement problem. Complex & Intelligent Systems, 2022, 8, 2791-2808.	4.0	7
29	Machine Learning for Solving Charging Infrastructure Planning Problems: A Comprehensive Review. Energies, 2021, 14, 7833.	1.6	7
30	Optimal configuration of stand-alone hybrid microgrid considering cost, reliability and environmental factors. , 2016, , .		6
31	Reliability Evaluation and Enhancement of Microgrid Incorporating the Effect of Distributed Generation. , 2017, , 685-730.		6
32	A comprehensive review of standards and best practices for utility grid integration with electric vehicle charging stations. Wiley Interdisciplinary Reviews: Energy and Environment, 2022, 11, e424.	1.9	6
33	V2G Pilot Projects. Advances in Mechatronics and Mechanical Engineering, 2022, , 252-267.	1.0	4
34	Adequacy analysis of stand alone hybrid microgrid by using Bayesian network. , 2016, , .		3
35	Machine Learning for Solving Charging Infrastructure Planning: A Comprehensive Review. , 2021, , .		3
36	Comprehensive Review of Planning Models for Charging Station Placement. , 2021, , .		2

#	Article	IF	Citations
37	Charging Demand Prediction for Public Electric City buses of Helsinki, Finland by Support Vector Machine. , 2022, , .		1
38	Planning of Sustainable Charging Infrastructure for Smart Cities. , 2021, , 115-132.		0
39	Proposed Power Systems Planning in Indian Scenario for Integrating EV Charging Infrastructure. Advances in Mechatronics and Mechanical Engineering, 2022, , 25-37.	1.0	0