

# Sanchari Deb

## List of Publications by Year in descending order

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39  
papers

1,211  
citations

471371

17  
h-index

552653

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g-index

41  
all docs

41  
docs citations

41  
times ranked

653  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	A hybrid ant lion optimization chicken swarm optimization algorithm for charger placement problem. Complex & Intelligent Systems, 2022, 8, 2791-2808.	4.0	7
3	V2G Pilot Projects. Advances in Mechatronics and Mechanical Engineering, 2022, , 252-267.	1.0	4
4	Proposed Power Systems Planning in Indian Scenario for Integrating EV Charging Infrastructure. Advances in Mechatronics and Mechanical Engineering, 2022, , 25-37.	1.0	0
5	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
6	A Novel Gradient Based Optimizer for Solving Unit Commitment Problem. IEEE Access, 2022, 10, 18081-18092.	2.6	17
7	Charging Demand Prediction for Public Electric City buses of Helsinki, Finland by Support Vector Machine. , 2022, , .		1
8	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
9	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
10	Economic Load Dispatch Problem Based on Search and Rescue Optimization Algorithm. IEEE Access, 2022, 10, 47109-47123.	2.6	12
11	Prediction of Charging Demand of Electric City Buses of Helsinki, Finland by Random Forest. Energies, 2022, 15, 3679.	1.6	8
12	Evaluation of Weighted Mean of Vectors Algorithm for Identification of Solar Cell Parameters. Processes, 2022, 10, 1072.	1.3	12
13	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
14	Performance of Turbulent Flow of Water Optimization on Economic Load Dispatch Problem. IEEE Access, 2021, 9, 77882-77893.	2.6	29
15	A novel chicken swarm and teaching learning based algorithm for electric vehicle charging station placement problem. Energy, 2021, 220, 119645.	4.5	48
16	Planning and operation of EV charging stations by chicken swarm optimization driven heuristics. Energy Conversion and Economics, 2021, 2, 91-99.	1.9	20
17	Machine Learning for Solving Charging Infrastructure Planning: A Comprehensive Review. , 2021, , .		3
18	Comprehensive Review of Planning Models for Charging Station Placement. , 2021, , .		2

#	ARTICLE	IF	CITATIONS
19	Identification of Parameters in Photovoltaic Models through a Runge Kutta Optimizer. Mathematics, 2021, 9, 2313.	1.1	52
20	Recent Methodology-Based Gradient-Based Optimizer for Economic Load Dispatch Problem. IEEE Access, 2021, 9, 44322-44338.	2.6	69
21	An Efficient Chameleon Swarm Algorithm for Economic Load Dispatch Problem. Mathematics, 2021, 9, 2770.	1.1	31
22	Performance of Gradient-Based Optimizer on Charging Station Placement Problem. Mathematics, 2021, 9, 2821.	1.1	13
23	Planning of Sustainable Charging Infrastructure for Smart Cities. , 2021, , 115-132.		0
24	Machine Learning for Solving Charging Infrastructure Planning Problems: A Comprehensive Review. Energies, 2021, 14, 7833.	1.6	7
25	Recent Studies on Chicken Swarm Optimization algorithm: a review (2014â€“2018). Artificial Intelligence Review, 2020, 53, 1737-1765.	9.7	47
26	A New Teachingâ€“Learning-based Chicken Swarm Optimization Algorithm. Soft Computing, 2020, 24, 5313-5331.	2.1	32
27	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
28	Different charging infrastructures along with smart charging strategies for electric vehicles. Sustainable Cities and Society, 2020, 60, 102238.	5.1	92
29	Charging Station Placement for Electric Vehicles: A Case Study of Guwahati City, India. IEEE Access, 2019, 7, 100270-100282.	2.6	64
30	Distribution Network planning considering the impact of Electric Vehicle charging station load. , 2019, , 529-553.		20
31	Impact of Electric Vehicle Charging Station Load on Distribution Network. Energies, 2018, 11, 178.	1.6	253
32	Review of recent trends in charging infrastructure planning for electric vehicles. Wiley Interdisciplinary Reviews: Energy and Environment, 2018, 7, e306.	1.9	93
33	Reliability Evaluation and Enhancement of Microgrid Incorporating the Effect of Distributed Generation. , 2017, , 685-730.		6
34	Optimal placement of charging stations using CSO-TLBO algorithm. , 2017, , .		17
35	Impact of electric vehicle charging stations on reliability of distribution network. , 2017, , .		46
36	Review of impact of electric vehicle charging station on the power grid. , 2017, , .		57

#	ARTICLE	IF	CITATIONS
37	Reliability analysis of PV cell, wind turbine and diesel generator by using Bayesian network. , 2016, , .		13
38	Adequacy analysis of stand alone hybrid microgrid by using Bayesian network. , 2016, , .		3
39	Optimal configuration of stand-alone hybrid microgrid considering cost, reliability and environmental factors. , 2016, , .		6