Hemender Pal Singh

List of Publications by Year
in descending order

27 papers	122 citations	2258059 3 h-index	2053705 5 g-index
29 all docs	29 docs citations	29 times ranked	69 citing authors

#	ARTICLE	IF	CITATIONS
1	An Overview of the Intelligent Control-Based Optimization Methods for Integrated Renewable Energy Sources. Lecture Notes in Electrical Engineering, 2021, , 405-422.	0.4	0
2	Simultaneous application of distributed generator and network reconfiguration for power loss reduction using an adaptive quantum inspired evolutionary algorithm. International Journal of Energy Technology and Policy, 2021, 17, 140.	0.2	7
3	Energy Management System for Hybrid Energy System: Renewable Integration, Modeling and Optimization, Control Aspects and Conceptual Framework. Studies in Computational Intelligence, 2021, , 195-206.	0.9	0
4	Design of Energy Management System for Hybrid Power Sources. Lecture Notes in Electrical Engineering, 2021, , 197-215.	0.4	0
5	Fractional Control Design of Renewable Energy Systems. , 2020, , .		5
6	PSO Optimized PID Controller Design for Performance Enhancement of Hybrid Renewable Energy System. , 2020, , .		8
7	Performance Improvement of Wind Turbine Control using Fractional Order PID Controller with PSO Optimized gains. , 2020, , .		2
8	Effect of Voltage Dependent Load Model on Placement and Sizing of Distributed Generator in Large Scale Distribution System. Majlesi Journal of Electrical Engineering, 2020, 14, 97-121.	0.1	6
9	Frequency reconfigurable Microstrip Patch Antenna with an Arc-shaped cut. , 2020, , .		0
10	Monopole Concept Based Frequency Reconfigurable Patch Antenna for mm-Wave 5G-Band Applications. , 2019, , .		4
11	Frequency Reconfigurable Bow-Tie shaped patch antenna with switchable Ground for Wireless Application. , 2019, , .		2
12	Simultaneous Placement and Sizing of DG and Capacitor to Minimize the Power Losses in Radial Distribution Network. Advances in Intelligent Systems and Computing, 2019, , 605-618.	0.6	14
13	A Review: Techniques and Methodologies Adopted for Reconfigurable Antennas. , 2018, , .		8
14	Distribution Network Reconfiguration with Different Load Models using Adaptive Quantum inspired Evolutionary Algorithm. , 2018, , .		6
15	Minimization of Power Losses in Distribution System With Variation in Loads Using Adaptive Quantum inspired Evolutionary Algorithm. , 2018, , .		5
16	Microcontroller Based Irrigation System Solar Powered Using Moisture Sensing Technology. , 2018, , .		4
17	Validation of ANN-Based Model for Binary Distillation Column. Advances in Intelligent Systems and Computing, 2017, , 235-242.	0.6	4
18	Minimization of power losses in distribution system using symbioitic organism search algorithm. , 2017, , .		4

#	Article	IF	Citations
19	Analysis of schottky barrier indium arsenide nanowire MOSFET for high frequency application. , 2017, , .		0
20	Thermal analysis of III-V transistor at high frequencies. , 2017, , .		0
21	Multiphysics simulation of InP NWT for high speed digital applications. , 2017, , .		1
22	A data driven approach for scheduling the charging of electric vehicles. , 2017, , .		2
23	Placing distributed generators in distribution system using adaptive quantum inspired evolutionary algorithm. , 2016, , .		10
24	Sitting and sizing of capacitors in distribution system using adaptive quantum inspired evolutionary algorithm. , 2016, , .		8
25	Grey prediction model application in early warning of ice-coating lines. , 2015, , .		1
26	Decomposition & reconstruction of medical images in MATLAB using different Wavelet parameters. , 2015, , .		6
27	Peltier module for refrigeration and heating using embedded system. , 2015, , .		13