Hemender Pal Singh

List of Publications by Year
in descending order

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

#	Article	IF	Citations
1	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
2	Peltier module for refrigeration and heating using embedded system. , 2015, , .		13
3	Placing distributed generators in distribution system using adaptive quantum inspired evolutionary algorithm. , 2016, , .		10
4	Sitting and sizing of capacitors in distribution system using adaptive quantum inspired evolutionary algorithm. , 2016, , .		8
5	A Review: Techniques and Methodologies Adopted for Reconfigurable Antennas. , 2018, , .		8
6	PSO Optimized PID Controller Design for Performance Enhancement of Hybrid Renewable Energy System. , 2020, , .		8
7	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
8	Decomposition & reconstruction of medical images in MATLAB using different Wavelet parameters. , 2015, , .		6
9	Distribution Network Reconfiguration with Different Load Models using Adaptive Quantum inspired Evolutionary Algorithm. , 2018, , .		6
10	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
11	Minimization of Power Losses in Distribution System With Variation in Loads Using Adaptive Quantum inspired Evolutionary Algorithm. , 2018, , .		5
12	Fractional Control Design of Renewable Energy Systems. , 2020, , .		5
13	Validation of ANN-Based Model for Binary Distillation Column. Advances in Intelligent Systems and Computing, 2017, , 235-242.	0.6	4
14	Minimization of power losses in distribution system using symbioitic organism search algorithm. , 2017, , .		4
15	Microcontroller Based Irrigation System Solar Powered Using Moisture Sensing Technology. , 2018, , .		4
16	Monopole Concept Based Frequency Reconfigurable Patch Antenna for mm-Wave 5G-Band Applications. , 2019, , .		4
17	A data driven approach for scheduling the charging of electric vehicles. , 2017, , .		2
18	Frequency Reconfigurable Bow-Tie shaped patch antenna with switchable Ground for Wireless Application. , 2019, , .		2

#	Article	IF	Citations
19	Performance Improvement of Wind Turbine Control using Fractional Order PID Controller with PSO Optimized gains. , 2020, , .		2
20	Grey prediction model application in early warning of ice-coating lines. , 2015, , .		1
21	Multiphysics simulation of InP NWT for high speed digital applications. , 2017, , .		1
22	Analysis of schottky barrier indium arsenide nanowire MOSFET for high frequency application. , 2017, , .		0
23	Thermal analysis of III-V transistor at high frequencies. , 2017, , .		0
24	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
25	Frequency reconfigurable Microstrip Patch Antenna with an Arc-shaped cut. , 2020, , .		0
26	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
27	Design of Energy Management System for Hybrid Power Sources. Lecture Notes in Electrical Engineering, 2021, , 197-215.	0.4	0