Muralidhar Nayak Bhukya

List of Publications by Year
in descending order

13 papers	357 citations	1307594 7 h-index	1199594 12 g-index
15 all docs	15 docs citations	15 times ranked	175 citing authors

#	Article	IF	Citations
1	A novel linear tangents based P&O scheme for MPPT of a PV system. Renewable and Sustainable Energy Reviews, 2017, 71, 257-267.	16.4	89
2	A quick and effective MPPT scheme for solar power generation during dynamic weather and partial shaded conditions. Engineering Science and Technology, an International Journal, 2019, 22, 869-884.	3.2	85
3	A novel global MPP tracking scheme based on shading pattern identification using artificial neural networks for photovoltaic power generation during partial shaded condition. IET Renewable Power Generation, 2019, 13, 1647-1659.	3.1	60
4	A Simple, Efficient, and Novel Standalone Photovoltaic Inverter Configuration With Reduced Harmonic Distortion. IEEE Access, 2019, 7, 43831-43845.	4.2	48
5	A simple and efficient MPPT scheme for PV module using 2-Dimensional Lookup Table. , 2016, , .		22
6	DCA-TR-based MPP tracking scheme for photovoltaic power enhancement under dynamic weather conditions. Electrical Engineering, 2018, 100, 2383-2396.	2.0	13
7	Analysis and Implementation of Robust Metaheuristic Algorithm to Extract Essential Parameters of Solar Cell. IEEE Access, 2022, 10, 40079-40092.	4.2	12
8	A novel P&OT-Neville's interpolation MPPT scheme for maximum PV system energy extraction. International Journal of Renewable Energy Development, 2018, 7, 251-260.	2.4	10
9	An Effective Design and Implementation of Hybrid MPP Tracking Scheme Based on Linear Tangents & Neville Interpolation (LT-NI) Technique for Photovoltaic (PV) System. IEEE Access, 2021, 9, 68266-68276.	4.2	6
10	Design and Development of a Low-Cost Grid Connected Solar Inverter for Maximum Solar Power Utilization. Lecture Notes in Electrical Engineering, 2021, , 421-429.	0.4	4
11	Implementation of Convolutional Neural Network for Speed Control of BLDC Motor. , 2021, , .		3
12	A Simple Approach to Enhance the Performance of Traditional P&O Scheme Under Partial Shaded Condition by Employing Second Stage to the Existing Algorithm. Smart Innovation, Systems and Technologies, 2021, , 545-556.	0.6	2
13	Impact and Scope of Electric Power Generation Demand Using Renewable Energy Resources Due to COVID-19. Smart Innovation, Systems and Technologies, 2021, , 495-502.	0.6	0