

# Muralidhar Nayak Bhukya

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5641460/publications.pdf>

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13  
papers

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1199594

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docs citations

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times ranked

175  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis and Implementation of Robust Metaheuristic Algorithm to Extract Essential Parameters of Solar Cell. IEEE Access, 2022, 10, 40079-40092.	4.2	12
2	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
3	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
4	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
5	Implementation of Convolutional Neural Network for Speed Control of BLDC Motor. , 2021, , .		3
6	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
7	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
8	A Simple, Efficient, and Novel Standalone Photovoltaic Inverter Configuration With Reduced Harmonic Distortion. IEEE Access, 2019, 7, 43831-43845.	4.2	48
9	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
10	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
11	DCA-TR-based MPP tracking scheme for photovoltaic power enhancement under dynamic weather conditions. Electrical Engineering, 2018, 100, 2383-2396.	2.0	13
12	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
13	A simple and efficient MPPT scheme for PV module using 2-Dimensional Lookup Table. , 2016, , .		22