

# Arjun Mudlapur

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8320791/publications.pdf>

Version: 2024-02-01

13  
papers

107  
citations

1684188

5  
h-index

1872680

6  
g-index

13  
all docs

13  
docs citations

13  
times ranked

97  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Partial Shading on PV Fed Induction Motor Water Pumping Systems. IEEE Transactions on Energy Conversion, 2019, 34, 530-539.	5.2	40
2	Small Signal Model for PV Fed Boost Converter in Continuous and Discontinuous Conduction Modes. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 1192-1196.	3.0	15
3	Global Peak Tracking of Photovoltaic Array Under Mismatching Conditions Using Current Control. IEEE Transactions on Energy Conversion, 2019, 34, 313-320.	5.2	14
4	A Novel AC Current Sensorless Hysteresis Control for Grid-Tie Inverters. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 2577-2581.	3.0	9
5	An Iterative Analytical Solution for Calculating Maximum Power Point in Photovoltaic Systems Under Partial Shading Conditions. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 973-977.	3.0	8
6	Evaluation of different PWM techniques for two level inverter in grid connected WECS. , 2013, , .		5
7	Steady state and averaged state space modelling of non-ideal boost converter. International Journal of Power Electronics, 2015, 7, 109.	0.2	5
8	A Novel Back to Back Inverter Configuration for Solar Water Pumping and Grid-Tie Application. , 2018, , .		5
9	A novel simplified approach for evaluation of performance characteristics of SEIG. , 2014, , .		3
10	Efficient global peak tracking of PV system under mismatching conditions using searching technique and bisection method. , 2018, , .		2
11	A Novel Bi-Directional Converter for Electric Vehicle to Grid Applications. , 2020, , .		1
12	Modified Hysteresis Current Control for Single Phase Solar Grid-tie Z-Source Inverter. , 2018, , .		0
13	Experimental investigation of the effectiveness of the LC filter in PV fed induction motor water pumping systems with different type of inductors. , 2018, , .		0