

Arjun Mudlapur

List of Publications by Year in descending order

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13
papers

107
citations

1684188

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h-index

1872680

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docs citations

13
times ranked

97
citing authors

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