

Sridhar R

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

135
citations

1937685

4
h-index

1474206

9
g-index

12
all docs

12
docs citations

12
times ranked

152
citing authors

#	ARTICLE	IF	CITATIONS
1	A new maximum power tracking in PV system during partially shaded conditions based on shuffled frog leap algorithm. Journal of Experimental and Theoretical Artificial Intelligence, 2017, 29, 481-493.	2.8	42
2	Particle swarm optimisation maximum power-tracking approach based on irradiation and temperature measurements for a partially shaded photovoltaic system. International Journal of Ambient Energy, 2017, 38, 685-693.	2.5	4
3	A dodging algorithm to reconfigure photovoltaic array to negate partial shading effect. Progress in Photovoltaics: Research and Applications, 2016, 24, 200-210.	8.1	15
4	Investigations on Multidimensional Maximum Power Point Tracking in Partially Shaded Photovoltaic Arrays with PSO and DE Algorithms. Advances in Intelligent Systems and Computing, 2016, , 1113-1125.	0.6	3
5	A Cost Effective Digital Signal Controller based Maximum Power Tracking Technique for Photovoltaic Power System. International Journal of Control and Automation, 2015, 7, 389-400.	0.3	1
6	Investigation on a Modified 11-Level Cascaded Inverter Fed by Photovoltaic Array for Standalone Applications. Journal of Solar Energy Engineering, Transactions of the ASME, 2015, 137, .	1.8	9
7	Photo Voltaic (PV) fed Three Phase Induction Motor Drive for Rural Pumping Applications based on Single Stage Power Conversion. International Journal of Control and Automation, 2015, 8, 135-142.	0.3	1
8	A Single Stage Photovoltaic Inverter With Common Power Factor Control and Maximum Power Point Tracking Circuit. Journal of Solar Energy Engineering, Transactions of the ASME, 2014, 136, .	1.8	4
9	Hardware Implementation of Z-Source Inverter Based MPPT Scheme for Solar Power Conversion System. Advanced Materials Research, 2014, 984-985, 819-827.	0.3	0
10	Unified MPPT Controller for Partially Shaded Panels in a Photovoltaic Array. International Journal of Automation and Computing, 2014, 11, 536-542.	4.5	14
11	Implementation of PV cell based standalone solar power system employing incremental conductance MPPT algorithm. , 2013, , .		29
12	Performance improvement of a photo voltaic array using MPPT (P&O) technique. , 2010, , .		13