

Anjaneer Kumar Mishra

List of Publications by Year in Descending Order

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Version: 2024-04-23

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

45
papers

275
citations

8
h-index

15
g-index

62
ext. papers

470
ext. citations

3.3
avg, IF

4.43
L-index

#	Paper	IF	Citations
45	An Efficient and Credible Grid-Interfaced Solar PV Water Pumping System With Energy Storage. <i>IEEE Journal of Photovoltaics</i> , 2022 , 1-8	3.7	1
44	An Intelligent Control Scheme for Optimum Efficiency and Reduced Emission Operation of Marine Transportation System. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022 , 1-12	6.1	
43	A Reactive Power Compensated Control Scheme for Solar-Assisted EV Fast-Charging Applications. <i>International Transactions on Electrical Energy Systems</i> , 2022 , 2022, 1-12	2.2	0
42	Comprehensive review of nonisolated bridgeless power factor converter topologies. <i>IET Circuits, Devices and Systems</i> , 2021 , 15, 197-208	1.1	1
41	Grid-Integrated SRM-Driven Solar Water Pump With Power Flow Management. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2021 , 9, 2723-2734	5.6	2
40	An Improved Control Technique for Grid Interactive 4-Phase SRM Driven Solar Powered WPS Using Three-Level Boost Converter. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 290-299	11.9	8
39	SEPIC Converter for Solar PV Array Fed Battery Charging in DC Homes. <i>Journal of the Institution of Engineers (India): Series B</i> , 2021 , 102, 455-463	0.9	1
38	Solar powered battery charging scheme for light electric vehicles (LEVs). <i>International Journal of Emerging Electric Power Systems</i> , 2021 , 22, 101-111	1.4	3
37	Solar-powered switched reluctance motor-driven water pumping system with battery support. <i>IET Power Electronics</i> , 2021 , 14, 1018-1031	2.2	1
36	An Integrated Converter With Reduced Components for Electric Vehicles Utilizing Solar and Grid Power Sources. <i>IEEE Transactions on Transportation Electrification</i> , 2020 , 6, 439-452	7.6	4
35	An Efficient Control Scheme of Grid Supported 4-Phase Switched Reluctance Motor-Driven SPWPS. <i>IEEE Transactions on Energy Conversion</i> , 2020 , 35, 1258-1267	5.4	8
34	Self-governing single-stage photovoltaic water pumping system with voltage balancing control for a four-phase SRM drive. <i>IET Electric Power Applications</i> , 2020 , 14, 119-130	1.8	4
33	Reduced component, buckBoost converter for plug-in electric vehicles with a current sensing-based efficient NLCC technique. <i>IET Power Electronics</i> , 2020 , 13, 3753-3763	2.2	0
32	Voltage-controlled power factor corrected CSC derived DCDC converter for PMBLDC driven home appliances. <i>IET Power Electronics</i> , 2020 , 13, 3407-3418	2.2	3
31	Efficient solar-powered water pump with single-input dual-output DCDC converter employing four-phase SRM drive. <i>IET Power Electronics</i> , 2020 , 13, 3435-3444	2.2	2
30	Grid Interactive Single-Stage Solar Powered Water Pumping System Utilizing Improved Control Technique. <i>IEEE Transactions on Sustainable Energy</i> , 2020 , 11, 304-314	8.2	17
29	An Efficient Control Scheme of Self-Reliant Solar-Powered Water Pumping System Using a Three-Level DCDC Converter. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2020 , 8, 3669-3681	5.6	10

28	Performance Optimization of PV-Powered SRM-Driven Water Pump Using Modified Cuk Converter. <i>Journal of the Institution of Engineers (India): Series B</i> , 2019 , 100, 249-258	0.9	1
27	High Gain Single Ended Primary Inductor Converter With Ripple Free Input Current for Solar Powered Water Pumping System Utilizing Cost-Effective Maximum Power Point Tracking Technique. <i>IEEE Transactions on Industry Applications</i> , 2019 , 55, 6332-6343	4.3	8
26	Performance analysis of a solar-powered water pumping using improved SIDO buckBoost converter. <i>IET Power Electronics</i> , 2019 , 12, 2904-2911	2.2	3
25	An Efficient Power Management Control Technique for Battery Supported Solar Powered Water Pump Using Positive Output Luo Converter 2019 ,		2
24	SRM driven solar irrigation pumping system utilizing modified dual output SEPIC converter 2018 ,		1
23	An Efficient Solar Energized Water Pump Using High Gain Boost Converter 2018 ,		1
22	Stage Solar PV Powered Water Pump with a Storage System 2018 ,		4
21	Design of solar-powered agriculture pump using new configuration of dual-output buckBoost converter. <i>IET Renewable Power Generation</i> , 2018 , 12, 1640-1650	2.9	15
20	. <i>IEEE Transactions on Industry Applications</i> , 2017 , 53, 5615-5623	4.3	30
19	Control of SRM drive for photovoltaic powered water pumping system. <i>IET Electric Power Applications</i> , 2017 , 11, 1055-1066	1.8	18
18	Development of low-cost PV array-fed SRM drive-based water pumping system utilising CSC converter. <i>IET Power Electronics</i> , 2017 , 10, 156-168	2.2	20
17	A novel modified central switch DC-DC converter for solar energized SRM driven irrigation pump 2017 ,		3
16	Design of autonomous solar powered SRM based water pump utilizing modified CSC converter 2017 ,		1
15	Design of autonomous solar powered SRM based agriculture pump utilizing novel central switch DC-DC converter 2017 ,		1
14	A single stage solar PV array based water pumping system using SRM drive 2016 ,		12
13	Design of SRM driven BESS based PV powered water pumping system 2016 ,		7
12	Solar powered SR motor based water pumping using dual output boost converter 2016 ,		1
11	Solar PV powered SRM driven water pumping system using Landsman converter 2016 ,		4

10	Design of PV powered SR motor driven irrigation pumps utilizing boost converter 2016,	3
9	2016,	1
8	. <i>IEEE Transactions on Industry Applications</i> , 2016 , 52, 3949-3957	4-3 50
7	Solar photovoltaic array dependent dual output converter based water pumping using Switched Reluctance Motor drive 2016,	4
6	SPV array fed SRM driven water pumping system utilizing dual output SEPIC converter 2015,	1
5	SPV array powered zeta converter fed SRM drive for water pumping 2015,	4
4	Buck-boost converter fed SRM drive for solar PV array based water pumping 2015,	6
3	SPV array powered non inverting buck-boost converter fed SRM drive for water pumping 2015,	4
2	2014,	2
1	2014,	2