Anjanee Kumar Mishra

List of Publications by Year
in descending order

61	589	932766 10	752256 20
papers	citations	h-index	g-index

62	62	62	302
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Solar Powered Water Pumping System Employing Switched Reluctance Motor Drive. IEEE Transactions on Industry Applications, 2016, 52, 3949-3957.	3.3	80
2	Solar Photovoltaic Array Dependent Dual Output Converter Based Water Pumping Using Switched Reluctance Motor Drive. IEEE Transactions on Industry Applications, 2017, 53, 5615-5623.	3.3	58
3	An Integrated Converter With Reduced Components for Electric Vehicles Utilizing Solar and Grid Power Sources. IEEE Transactions on Transportation Electrification, 2020, 6, 439-452.	5.3	41
4	Development of lowâ€cost PV arrayâ€fed SRM driveâ€based water pumping system utilising CSC converter. IET Power Electronics, 2017, 10, 156-168.	1.5	32
5	Control of SRM drive for photovoltaic powered water pumping system. IET Electric Power Applications, 2017, 11, 1055-1066.	1.1	27
6	Design of solarâ€powered agriculture pump using new configuration of dualâ€output buckâ€“boost converter. IET Renewable Power Generation, 2018, 12, 1640-1650.	1.7	26
7	A single stage solar PV array based water pumping system using SRM drive. , 2016, , .		25
8	Grid Interactive Single-Stage Solar Powered Water Pumping System Utilizing Improved Control Technique. IEEE Transactions on Sustainable Energy, 2020, 11, 304-314.	5.9	23
9	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. IEEE Transactions on Industry Applications, 2019, 55, 6332-6343.	3.3	20
10	An Efficient Control Scheme of Self-Reliant Solar-Powered Water Pumping System Using a Three-Level DCâ€“DC Converter. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2020, 8, 3669-3681.	3.7	19
11	An Improved Control Technique for Grid Interactive 4-Phase SRM Driven Solar Powered WPS Using Three-Level Boost Converter. IEEE Transactions on Industrial Informatics, 2021, 17, 290-299.	7.2	17
12	An Efficient Control Scheme of Grid Supported 4-Phase Switched Reluctance Motor-Driven SPWPS. IEEE Transactions on Energy Conversion, 2020, 35, 1258-1267.	3.7	13
13	Buck-boost converter fed SRM drive for solar PV array based water pumping. , 2015, , .		12
14	Stage Solar PV Powered Water Pump with a Storage System. , 2018, , .		12
15	Design of SRM driven BESS based PV powered water pumping system. , 2016, , .		11
16	Performance analysis of a solarâ€powered water pumping using improved SIDO buckâ€“boost converter. IET Power Electronics, 2019, 12, 2904-2911.	1.5	10
17	Grid-Integrated SRM-Driven Solar Water Pump With Power Flow Management. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 2723-2734.	3.7	9
18	Comprehensive review of nonisolated bridgeless power factor converter topologies. IET Circuits, Devices and Systems, 2021, 15, 197-208.	0.9	9

#	Article	IF	Citations
19	Voltageâ€controlled power factor corrected CSC derived DCâ€“DC converter for PMBLDC driven home appliances. IET Power Electronics, 2020, 13, 3407-3418.	1.5	9
20	An Efficient and Credible Grid-Interfaced Solar PV Water Pumping System With Energy Storage. IEEE Journal of Photovoltaics, 2022, 12, 880-887.	1.5	9
21	Selfâ€governing singleâ€stage photovoltaic water pumping system with voltage balancing control for a fourâ€phase SRM drive. IET Electric Power Applications, 2020, 14, 119-130.	1.1	8
22	SPV array powered zeta converter fed SRM drive for water pumping. , 2015, , .		7
23	SPV array powered non inverting buck-boost converter fed SRM drive for water pumping. , 2015, , .		7
24	Solar PV powered SRM driven water pumping system using Landsman converter. , 2016, , .		7
25	Solar photovoltaic array dependent dual output converter based water pumping using Switched Reluctance Motor drive. , 2016, , .		7
26	A novel modified central switch DC-DC converter for solar energized SRM driven irrigation pump. , 2017, , .		6
27	Solar powered battery charging scheme for light electric vehicles (LEVs). International Journal of Emerging Electric Power Systems, 2021, 22, 101-111.	0.6	6
28	Solar powered water pumping system employing switched reluctance motor drive. , 2014, , .		5
29	Design of PV powered SR motor driven irrigation pumps utilizing boost converter. , 2016, , .		5
30	An Efficient Solar Energized Water Pump Using High Gain Boost Converter. , 2018, , .		5
31	Solarâ€powered switched reluctance motorâ€driven water pumping system with battery support. IET Power Electronics, 2021, 14, 1018-1031.	1.5	5
32	SPV array powered SC buck-boost converter fed SRM drive for water pumping. , 2016, , .		4
33	Design of autonomous solar powered SRM based water pump utilizing modified CSC converter. , 2017, , .		4
34	Efficient solarâ€powered water pump with singleâ€input dualâ€output DCâ€“DC converter employing fourâ€phase SRM drive. IET Power Electronics, 2020, 13, 3435-3444.	1.5	4
35	Solar powered water pumping system employing switched reluctance motor drive. , 2014, , .		3
36	Solar energized SRM driven water pumping utilizing modified Landsman converter. , 2016, , .		3

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37	An Efficient Dual Output DC-DC Converter for Solar Powered Agricultural Water Pumps. , 2018, , .		3
38	Performance Optimization of PV-Powered SRM-Driven Water Pump Using Modified Cuk Converter. Journal of the Institution of Engineers (India): Series B, 2019, 100, 249-258.	1.3	3
39	An Efficient Power Management Control Technique for Battery Supported Solar Powered Water Pump Using Positive Output Luo Converter. , 2019, , .		3
40	Performance Optimization of Grid-Interactive Switched Reluctance Motor-Driven SPWPS Utilizing a New Structure of Boost Converter. , 2020, , .		3
41	SEPIC Converter for Solar PV Array Fed Battery Charging in DC Homes. Journal of the Institution of Engineers (India): Series B, 2021, 102, 455-463.	1.3	3
42	Reduced component, buckâ€“boost converter for plugâ€in electric vehicles with a current sensingâ€based efficient NLCC technique. IET Power Electronics, 2020, 13, 3753-3763.	1.5	3
43	An Intelligent Control Scheme for Optimum Efficiency and Reduced Emission Operation of Marine Transportation System. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 17107-17118.	4.7	3
44	Low cost PV based irrigation pump using SR motor with cascaded 'BO-BU' converter. , 2016, , .		2
45	A PV fed DC-DC converter for switched reluctance motor driven agriculture pump. , 2017, , .		2
46	Design and Development of Self-Assisted Switched Reluctance Motor Driven Solar Water Pump. , 2018, , .		2
47	PV Array Energized Standalone Water Pumping System Using Dual Output SE-CuCC Converter. , 2018, , .		2
48	A BLDC Motor-Driven Light Plug-in Electric Vehicle (LPEV) with Cost-Effective On-Board Single-Stage Battery Charging System. , 2021, , .		2
49	SPV array fed SRM driven water pumping system utilizing dual output SEPIC converter. , 2015, , .		1
50	Solar powered SR motor based water pumping using dual output boost converter. , 2016, , .		1
51	Design of autonomous solar powered SRM based agriculture pump utilizing novel central switch DC-DC converter. , 2017, , .		1
52	Solar PV fed SIDO modified buck-boost converter for SRM driven irrigation pump. , 2017, , .		1
53	A self-sufficient solar powered SRM driven irrigation pump utilizing modified Zeta converter. , 2017, , .		1
54	Solar Powered Water Pumping Station Utilizing Improved Cuk Converter Integrating to Storage System. , 2018, , .		1

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55	A New Configuration of Dual Output Buck-Boost Converter for Solar Energized Water Pump Driven by Switched Reluctance Motor. , 2018, , .		1
56	Design of Cost Effective Solar PV Powered SRM Driven Agriculture Pump Using Modified Buck-Boost Converter. International Journal of Emerging Electric Power Systems, 2018, 19, .	0.6	1
57	SRM driven solar irrigation pumping system utilizing modified dual output SEPIC converter. , 2018, , .		1
58	A Reactive Power Compensated Control Scheme for Solar-Assisted EV Fast-Charging Applications. International Transactions on Electrical Energy Systems, 2022, 2022, 1-12.	1.2	1
59	A New Cost-Effective Consolidated Converter for Small Hybrid Electric Aircraft. , 2021, , .		0
60	Analysis of a Hybrid Unmanned Aerial Vehicle with a BLDC Propulsion Motor Based on HIL Simulation. , 2021, , .		0
61	An efficient scheme for battery assisted solar energized uninterrupted water supply utilizing switched reluctance motor drive. International Transactions on Electrical Energy Systems, 2021, 31, .	1.2	0