

Akanksha Singh

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

171
citations

1937685

4
h-index

2053705

5
g-index

22
all docs

22
docs citations

22
times ranked

148
citing authors

#	ARTICLE	IF	CITATIONS
1	Traveling Wave Relays for Distribution Feeder Protection with High Penetrations of Distributed Energy Resources. , 2021, , .		2
2	Development and Control of Generator-Converter Topology for Direct-Drive Wind Turbines. , 2020, , .		0
3	High-Frequency Signature-Based Fault Detection for Future MV Distribution Grids. , 2020, , .		2
4	Grid Application and Controls Development for Medium-Voltage SiC-Based Grid Interconnects. , 2020, , .		3
5	An Efficient Grid-Connected Three-Phase Single-Stage Boost Current Source Inverter. IEEE Power and Energy Technology Systems Journal, 2019, 6, 142-151.	2.8	33
6	IEEE 1547-2018 Based Interoperable PV Inverter with Advanced Grid-Support Functions. , 2019, , .		1
7	Why Wideband Gap Needs Techno-economics. , 2019, , .		1
8	Performance and Techno-Economic Evaluation of a Three-Phase, 50-kW SiC-Based PV Inverter. , 2019, , .		4
9	Highly Reliable Multi-Port Smart Inverter Modules for PV-Based Energy Systems. , 2019, , .		2
10	Indirect boost matrix converter and low-voltage generator for direct drive wind turbines. Journal of Engineering, 2018, 2018, 10-16.	1.1	1
11	Current Source Generator-Converter Topology for Direct-Drive Wind Turbines. IEEE Transactions on Industry Applications, 2018, 54, 1663-1670.	4.9	27
12	Controller-Hardware-in-the-Loop Testbed for Fast-Switching SiC-Based 50-kW PV Inverter. , 2018, , .		7
13	Advanced photovoltaic inverter control development and validation in a controller-hardware-in-the-loop test bed. , 2017, , .		13
14	A Generator-Converter Topology With Zero DC-Link Impedance for Direct Drive Wind Turbines. IEEE Transactions on Energy Conversion, 2017, 32, 1620-1623.	5.2	9
15	A generator-converter design for direct drive wind turbines. , 2016, , .		2
16	Three-phase single-stage boost inverter for direct drive wind turbines. , 2016, , .		4
17	A low-voltage generator-converter topology for Direct Drive Wind Turbines. , 2016, , .		5
18	On Dynamic Models and Stability Analysis of Three-Phase Phasor PWM-Based CSI for Stand-Alone Applications. IEEE Transactions on Industrial Electronics, 2015, 62, 2698-2707.	7.9	37

#	ARTICLE	IF	CITATIONS
19	Voltage regulation in single-stage boost inverter for stand-alone applications. , 2014, , .		3
20	Modified phasor pulse width modulation method for three-phase single-stage boost inverter. , 2014, , .		9