

Neha Beniwal

List of Publications by Citations

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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.

22
papers

130
citations

7
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10
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29
ext. papers

204
ext. citations

5.7
avg, IF

3.27
L-index

#	Paper	IF	Citations
22	Control and operation of a solar PV-battery-grid-tied system in fixed and variable power mode. <i>IET Generation, Transmission and Distribution</i> , 2018 , 12, 2633-2641	2.5	25
21	Hybrid VSS \square MS \square MF based adaptive control of SPV-DSTATCOM system under distorted grid conditions. <i>IET Renewable Power Generation</i> , 2018 , 12, 311-322	2.9	17
20	Closed-Loop Analytic Filtering Scheme of Capacitor Voltage Ripple in Multilevel Cascaded H-Bridge Converters. <i>IEEE Transactions on Power Electronics</i> , 2020 , 35, 8819-8832	7.2	12
19	Second-Order Volterra-Filter-Based Control of a Solar PV-DSTATCOM System to Achieve Lyapunov $\&$ Stability. <i>IEEE Transactions on Industry Applications</i> , 2019 , 55, 670-679	4.3	11
18	Vector-Based Synchronization Method for Grid Integration of Solar PV-Battery System. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 4923-4933	11.9	9
17	Implementation of the DSTATCOM With an i-PNLMS-Based Control Algorithm Under Abnormal Grid Conditions. <i>IEEE Transactions on Industry Applications</i> , 2018 , 54, 5640-5648	4.3	8
16	Adaptive Filtering Scheme for a Low-Capacitance StatCom 2018 ,		7
15	Band-Limited Three-Level Modulation for Balancing Capacitor Voltages in Neutral-Point-Clamped Converters. <i>IEEE Transactions on Power Electronics</i> , 2020 , 35, 9737-9752	7.2	6
14	Adaptive control scheme for three-phase four wire grid tied SPV system with DSTATCOM capabilities 2016 ,		6
13	Feedforward Modulation for the Neutral-Point-Clamped Converter With Confined Capacitor Voltage Ripples and Reduced Switching Power Losses. <i>IEEE Transactions on Power Electronics</i> , 2020 , 35, 4426-4438	7.2	6
12	A Dual-Mode Modulation Technique for Controlling the Average Neutral Point Current in Neutral-Point-Clamped Converters. <i>IEEE Transactions on Power Electronics</i> , 2021 , 36, 6079-6091	7.2	4
11	A Control Strategy for Dual-Input Neutral-Point-Clamped Inverter-Based Grid-Connected Photovoltaic System. <i>IEEE Transactions on Power Electronics</i> , 2021 , 36, 9743-9757	7.2	3
10	Second-order sequence filter based control algorithm for single-phase grid interfaced solar PV system. <i>IET Generation, Transmission and Distribution</i> , 2019 , 13, 2382-2390	2.5	2
9	Implementation of DSTATCOM with i-PNLMS based control algorithm under abnormal grid conditions 2016 ,		2
8	A single phase double stage grid interfaced photovoltaic system based on improved least mean square algorithm 2018 ,		2
7	Enhancing the Natural Voltage Balancing Capability of Neutral-Point-Clamped Converters under Carrier-Based Pulsewidth Modulation 2018 ,		2
6	Single-phase grid interactive solar PV system having active shunt capabilities 2017 ,		1

5	PNLMS based adaptive control algorithm for solar PV grid tied system 2016 ,	1
4	Real time implementation of SECS with active shunt filter capabilities 2016 ,	1
3	Balancing Average Capacitor Voltages in Neutral-Point-Clamped Converters Using Band-Limited Three-Level Modulation 2019 ,	1
2	DC-Link Neutral Point Control for 3L-NPC Converters Utilizing Selective Harmonic Elimination PWM. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9 1
1	Dual-Layer Pulsewidth Modulation Technique for Average Neutral Point Current Control in Neutral-Point-Clamped Converters. <i>IEEE Transactions on Power Electronics</i> , 2022 , 1-1	7.2