

# Neha Beniwal

## List of Publications by Year in Descending Order

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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  
h-index

10  
g-index

29  
ext. papers

204  
ext. citations

5.7  
avg, IF

3.27  
L-index

#	Paper	IF	Citations
22	Dual-Layer Pulsewidth Modulation Technique for Average Neutral Point Current Control in Neutral-Point-Clamped Converters. <i>IEEE Transactions on Power Electronics</i> , <b>2022</b> , 1-1	7.2	
21	A Dual-Mode Modulation Technique for Controlling the Average Neutral Point Current in Neutral-Point-Clamped Converters. <i>IEEE Transactions on Power Electronics</i> , <b>2021</b> , 36, 6079-6091	7.2	4
20	A Control Strategy for Dual-Input Neutral-Point-Clamped Inverter-Based Grid-Connected Photovoltaic System. <i>IEEE Transactions on Power Electronics</i> , <b>2021</b> , 36, 9743-9757	7.2	3
19	DC-Link Neutral Point Control for 3L-NPC Converters Utilizing Selective Harmonic Elimination PWM. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 1-1	8.9	1
18	Band-Limited Three-Level Modulation for Balancing Capacitor Voltages in Neutral-Point-Clamped Converters. <i>IEEE Transactions on Power Electronics</i> , <b>2020</b> , 35, 9737-9752	7.2	6
17	Closed-Loop Analytic Filtering Scheme of Capacitor Voltage Ripple in Multilevel Cascaded H-Bridge Converters. <i>IEEE Transactions on Power Electronics</i> , <b>2020</b> , 35, 8819-8832	7.2	12
16	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> , <b>2020</b> , 35, 4426-4438	7.2	6
15	Second-order sequence filter based control algorithm for single-phase grid interfaced solar PV system. <i>IET Generation, Transmission and Distribution</i> , <b>2019</b> , 13, 2382-2390	2.5	2
14	Vector-Based Synchronization Method for Grid Integration of Solar PV-Battery System. <i>IEEE Transactions on Industrial Informatics</i> , <b>2019</b> , 15, 4923-4933	11.9	9
13	Balancing Average Capacitor Voltages in Neutral-Point-Clamped Converters Using Band-Limited Three-Level Modulation <b>2019</b> ,		1
12	Second-Order Volterra-Filter-Based Control of a Solar PV-DSTATCOM System to Achieve Lyapunov Stability. <i>IEEE Transactions on Industry Applications</i> , <b>2019</b> , 55, 670-679	4.3	11
11	Hybrid VSS-MSMF based adaptive control of SPV-DSTATCOM system under distorted grid conditions. <i>IET Renewable Power Generation</i> , <b>2018</b> , 12, 311-322	2.9	17
10	Control and operation of a solar PV-battery-grid-tied system in fixed and variable power mode. <i>IET Generation, Transmission and Distribution</i> , <b>2018</b> , 12, 2633-2641	2.5	25
9	Implementation of the DSTATCOM With an i-PNLMS-Based Control Algorithm Under Abnormal Grid Conditions. <i>IEEE Transactions on Industry Applications</i> , <b>2018</b> , 54, 5640-5648	4.3	8
8	A single phase double stage grid interfaced photovoltaic system based on improved least mean square algorithm <b>2018</b> ,		2
7	Adaptive Filtering Scheme for a Low-Capacitance StatCom <b>2018</b> ,		7
6	Enhancing the Natural Voltage Balancing Capability of Neutral-Point-Clamped Converters under Carrier-Based Pulsewidth Modulation <b>2018</b> ,		2

5	Single-phase grid interactive solar PV system having active shunt capabilities <b>2017,</b>	1
4	PNLMS based adaptive control algorithm for solar PV grid tied system <b>2016,</b>	1
3	Implementation of DSTATCOM with i-PNLMS based control algorithm under abnormal grid conditions <b>2016,</b>	2
2	Real time implementation of SECS with active shunt filter capabilities <b>2016,</b>	1
1	Adaptive control scheme for three-phase four wire grid tied SPV system with DSTATCOM capabilities <b>2016,</b>	6