

Neha Beniwal

List of Publications by Year in descending order

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933264

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29
times ranked

182
citing authors

#	ARTICLE	IF	CITATIONS
1	Control and operation of a solar PV-battery-grid-tied system in fixed and variable power mode. IET Generation, Transmission and Distribution, 2018, 12, 2633-2641.	1.4	42
2	Second-Order Volterra-Filter-Based Control of a Solar PV-DSTATCOM System to Achieve Lyapunov's Stability. IEEE Transactions on Industry Applications, 2019, 55, 670-679.	3.3	23
3	Hybrid VSS-LMS-LMF based adaptive control of SPV-DSTATCOM system under distorted grid conditions. IET Renewable Power Generation, 2018, 12, 311-322.	1.7	22
4	Implementation of the DSTATCOM With an i-PNLMS-Based Control Algorithm Under Abnormal Grid Conditions. IEEE Transactions on Industry Applications, 2018, 54, 5640-5648.	3.3	22
5	Vector-Based Synchronization Method for Grid Integration of Solar PV-Battery System. IEEE Transactions on Industrial Informatics, 2019, 15, 4923-4933.	7.2	22
6	Closed-Loop Analytic Filtering Scheme of Capacitor Voltage Ripple in Multilevel Cascaded H-Bridge Converters. IEEE Transactions on Power Electronics, 2020, 35, 8819-8832.	5.4	21
7	A Control Strategy for Dual-Input Neutral-Point-Clamped Inverter-Based Grid-Connected Photovoltaic System. IEEE Transactions on Power Electronics, 2021, 36, 9743-9757.	5.4	17
8	Band-Limited Three-Level Modulation for Balancing Capacitor Voltages in Neutral-Point-Clamped Converters. IEEE Transactions on Power Electronics, 2020, 35, 9737-9752.	5.4	15
9	Feedforward Modulation for the Neutral-Point-Clamped Converter With Confined Capacitor Voltage Ripples and Reduced Switching Power Losses. IEEE Transactions on Power Electronics, 2020, 35, 4426-4438.	5.4	11
10	A Dual-Mode Modulation Technique for Controlling the Average Neutral Point Current in Neutral-Point-Clamped Converters. IEEE Transactions on Power Electronics, 2021, 36, 6079-6091.	5.4	10
11	Adaptive Filtering Scheme for a Low-Capacitance StatCom. , 2018, , .		9
12	DC-Link Neutral Point Control for 3L-NPC Converters Utilizing Selective Harmonic Elimination-PWM. IEEE Transactions on Industrial Electronics, 2022, 69, 8633-8644.	5.2	9
13	Adaptive control scheme for three-phase four wire grid tied SPV system with DSTATCOM capabilities. , 2016, , .		7
14	PNLMS based adaptive control algorithm for solar PV grid tied system. , 2016, , .		5
15	Enhancing the Natural Voltage Balancing Capability of Neutral-Point-Clamped Converters under Carrier-Based Pulsewidth Modulation. , 2018, , .		5
16	Second-order sequence filter based control algorithm for single-phase grid interfaced solar PV system. IET Generation, Transmission and Distribution, 2019, 13, 2382-2390.	1.4	5
17	A single phase double stage grid interfaced photovoltaic system based on improved least mean square algorithm. , 2018, , .		4
18	A second-order volterra filter based control of SPV-DSTATCOM system to achieve Lyapunov's stability. , 2016, , .		3

#	ARTICLE	IF	CITATIONS
19	Implementation of DSTATCOM with i-PNLMS based control algorithm under abnormal grid conditions. , 2016, , .		3
20	Dual-Layer Pulsewidth Modulation Technique for Average Neutral Point Current Control in Neutral-Point-Clamped Converters. IEEE Transactions on Power Electronics, 2022, 37, 11762-11773.	5.4	3
21	Flexible Power Point Tracking Algorithm for Photovoltaic Systems Using the Newton's Method. , 2021, , .		2
22	Real time implementation of SECS with active shunt filter capabilities. , 2016, , .		1
23	Single-phase grid interactive solar PV system having active shunt capabilities. , 2017, , .		1
24	Balancing Average Capacitor Voltages in Neutral-Point-Clamped Converters Using Band-Limited Three-Level Modulation. , 2019, , .		1
25	Analysis of the Average Neutral-Point Current Limits of the Neutral-Point-Clamped Converter Under Three-Level Modulation. , 2020, , .		1
26	A Correntropy Based Control Algorithm for a Single-Phase Double Stage Grid Integrated Solar PV System. , 2017, , .		0
27	Accurate Magnitude Integrator - Quadrature Signal Generator based Single-Phase Double Stage Grid Tied Solar PV System for Power Conditioning. , 2018, , .		0
28	Average Neutral Point Current Control Strategy in Neutral-Point-Clamped Converters. , 2021, , .		0
29	Effect of Zero-Sequence Voltage on the Maximum Average Neutral-Point Current Limit of Neutral-Point-Clamped Converters. , 2021, , .		0