

Nirav Patel

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.

13
papers

54
citations

5
h-index

7
g-index

19
ext. papers

81
ext. citations

2.1
avg, IF

2.78
L-index

#	Paper	IF	Citations
13	Design, development, and implementation of grid-connected solar photovoltaic power conversion system. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2019 , 1-20	1.6	13
12	Optimised PI-4VPI current controller for three-phase grid-integrated photovoltaic inverter under grid voltage distortions. <i>IET Renewable Power Generation</i> , 2020 , 14, 779-792	2.9	11
11	Photovoltaic system operation as DSTATCOM for power quality improvement employing active current control. <i>IET Generation, Transmission and Distribution</i> , 2020 , 14, 3518-3529	2.5	10
10	A novel autoscaling variable perturbation size maximum power point tracker applied to photovoltaic (PV) system. <i>International Transactions on Electrical Energy Systems</i> , 2020 , 30, e12198	2.2	7
9	Combined active power sharing and grid current distortion enhancement-based approach for grid-connected multifunctional photovoltaic inverter. <i>International Transactions on Electrical Energy Systems</i> , 2020 , 30, e12236	2.2	7
8	Three-Phase Single-Stage VSC Controlled Solar Photovoltaic System with Harmonic Filtering Capability Applied to DG 2019 ,		2
7	Improved robust-mixed-norm-based controller for grid-tied PV systems under voltage disturbances. <i>IET Generation, Transmission and Distribution</i> , 2020 , 14, 2610-2619	2.5	2
6	Experimental investigations on voltage sourced inverter interfaced photovoltaic based distributed generation system. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2020 , 1-23	1.6	1
5	Design, analysis and implementation of electronically interfaced photovoltaic system using ARM Cortex-M4 microcontroller. <i>Computers and Electrical Engineering</i> , 2022 , 98, 107701	4.3	1
4	Performance enhancement of photovoltaic system under grid voltage distortion utilising total least-square control scheme. <i>IET Power Electronics</i> , 2020 , 13, 3044-3055	2.2	
3	Pseudo affine projection assisted multitasking approach for power quality improvement in grid-interactive photovoltaic (PV) system. <i>IET Power Electronics</i> , 2020 , 13, 2905-2916	2.2	
2	Electronically coupled photovoltaic system with grey wolf optimizer enabled DC-link voltage control loop. <i>International Transactions on Electrical Energy Systems</i> , 2020 , 30, e12648	2.2	
1	A novel active current co-efficient extraction-based control for grid-tied solar photovoltaic system. <i>IET Power Electronics</i> , 2021 , 14, 2099-2114	2.2	