

# Nirav Patel

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/3851198/nirav-patel-publications-by-year.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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