

# Ajay Kumar

## 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.

15  
papers

54  
citations

4  
h-index

7  
g-index

20  
ext. papers

86  
ext. citations

2.3  
avg, IF

2.5  
L-index

#	Paper	IF	Citations
15	A Comprehensive Review on Grid-Tied Solar Photovoltaic System. <i>Journal of Green Engineering (discontinued)</i> , <b>2017</b> , 7, 213-254		18
14	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
13	A Novel Orthogonal Current Decomposition Control for Grid-Connected Voltage Source Converter. <i>IEEE Transactions on Industry Applications</i> , <b>2019</b> , 55, 7628-7641	4.3	9
12	Experimental prototype of a novel feed forward compensation for DC-link voltage stabilization in grid-tied PV system. <i>International Transactions on Electrical Energy Systems</i> , <b>2020</b> , 30, e12172	2.2	7
11	Three-Phase Single-Stage VSC Controlled Solar Photovoltaic System with Harmonic Filtering Capability Applied to DG <b>2019</b> ,		2
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	Active power coefficient control for grid-tied photovoltaic system under voltage distortions. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , <b>2020</b> , 1-24	1.6	1
7	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
6	Active Power Coefficient based Control for Grid-connected PV Systems <b>2019</b> ,		1
5	Dynamic Performance Improvement of Grid Interfaced Solar Photovoltaic System using Feed-forward Compensation. <i>Recent Advances in Electrical and Electronic Engineering</i> , <b>2020</b> , 13, 52-63	0.3	0
4	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	
3	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	
2	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	
1	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	