

Ajay Kumar

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.

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	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
14	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	
13	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
12	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
11	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
10	Active power coefficient control for grid-tied photovoltaic system under voltage distortions. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2020 , 1-24	1.6	1
9	Dynamic Performance Improvement of Grid Interfaced Solar Photovoltaic System using Feed-forward Compensation. <i>Recent Advances in Electrical and Electronic Engineering</i> , 2020 , 13, 52-63	0.3	0
8	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	
7	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	
6	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	
5	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> , 2020 , 30, e12172	2.2	7
4	Three-Phase Single-Stage VSC Controlled Solar Photovoltaic System with Harmonic Filtering Capability Applied to DG 2019 ,		2
3	A Novel Orthogonal Current Decomposition Control for Grid-Connected Voltage Source Converter. <i>IEEE Transactions on Industry Applications</i> , 2019 , 55, 7628-7641	4.3	9
2	Active Power Coefficient based Control for Grid-connected PV Systems 2019 ,		1
1	A Comprehensive Review on Grid-Tied Solar Photovoltaic System. <i>Journal of Green Engineering (discontinued)</i> , 2017 , 7, 213-254		18