

# Kandadai Venkatraman

## 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.

12  
papers

86  
citations

5  
h-index

9  
g-index

15  
ext. papers

106  
ext. citations

1.5  
avg, IF

2.4  
L-index

#	Paper	IF	Citations
12	Predictive current control of distribution static compensator for load compensation in distribution system. <i>IET Generation, Transmission and Distribution</i> , <b>2016</b> , 10, 2410-2423	2.5	21
11	Online condition monitoring and power management system for standalone micro-grid using FPGAs. <i>IET Generation, Transmission and Distribution</i> , <b>2016</b> , 10, 3875-3884	2.5	17
10	Performance evaluation of FPGA-based predictive current controller for FL-DSTATCOM in electric distribution system. <i>IET Generation, Transmission and Distribution</i> , <b>2019</b> , 13, 4400-4409	2.5	17
9	Capability evaluation of four-leg DSTATCOM for compensating multifarious loads. <i>Australian Journal of Electrical and Electronics Engineering</i> , <b>2016</b> , 13, 229-243	0.6	9
8	Modelling and Control of Transformer-less Universal Power Quality Conditioner (TUnPQC): An Effective Solution for Power Quality Enhancement in Distribution System. <i>Journal of Control, Automation and Electrical Systems</i> , <b>2017</b> , 28, 123-134	1.5	8
7	A MPPT control scheme for standalone PMSG system with single active bridge <b>2017</b> ,		4
6	Performance Evaluation of FPGA-Controlled DSTATCOM for Load Compensation. <i>Arabian Journal for Science and Engineering</i> , <b>2016</b> , 41, 3355-3367		3
5	Performance analysis of FPGA controlled four-leg DSTATCOM for multifarious load compensation in electric distribution system <b>2018</b> , 21, 692-703		3
4	Application of D-STATCOM in SCIG based windfarms during normal and abnormal grid conditions <b>2014</b> ,		2
3	Performance of custom power devices in SCIG based Wind farms during abnormal grid conditions <b>2014</b> ,		1
2	Investigation on Series Active Filter with Small Energy Source for DC Voltage Control. <i>Communications in Computer and Information Science</i> , <b>2013</b> , 281-286	0.3	1
1	A Dual Functional DSTATCOM for Power Quality Improvement. <i>Journal of the Institution of Engineers (India): Series B</i> , <b>2021</b> , 102, 881-893	0.9	