

Kandadai Venkatraman

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

123
citations

1478280

6
h-index

1474057

9
g-index

15
all docs

15
docs citations

15
times ranked

116
citing authors

#	ARTICLE	IF	CITATIONS
1	Predictive current control of distribution static compensator for load compensation in distribution system. IET Generation, Transmission and Distribution, 2016, 10, 2410-2423.	1.4	27
2	Online condition monitoring and power management system for standalone microgrid using FPGAs. IET Generation, Transmission and Distribution, 2016, 10, 3875-3884.	1.4	26
3	Performance evaluation of FPGA-based predictive current controller for DSTATCOM in electric distribution system. IET Generation, Transmission and Distribution, 2019, 13, 4400-4409.	1.4	21
4	Capability evaluation of four-leg DSTATCOM for compensating multifarious loads. Australian Journal of Electrical and Electronics Engineering, 2016, 13, 229-243.	0.7	12
5	Modelling and Control of Transformer-less Universal Power Quality Conditioner (TUnPQC): An Effective Solution for Power Quality Enhancement in Distribution System. Journal of Control, Automation and Electrical Systems, 2017, 28, 123-134.	1.2	12
6	Performance analysis of FPGA controlled four-leg DSTATCOM for multifarious load compensation in electric distribution system. Engineering Science and Technology, an International Journal, 2018, 21, 692-703.	2.0	10
7	Performance Evaluation of FPGA-Controlled DSTATCOM for Load Compensation. Arabian Journal for Science and Engineering, 2016, 41, 3355-3367.	1.1	4
8	A MPPT control scheme for standalone PMSG system with single active bridge. , 2017, , .		4
9	Performance of custom power devices in SCIG based Wind farms during abnormal grid conditions. , 2014, , .		2
10	Application of D-STATCOM in SCIG based windfarms during normal and abnormal grid conditions. , 2014, , .		2
11	Performance analysis of Series Active Filter under non sinusoidal supply and non linear loading. , 2011, , .		1
12	A Dual Functional DSTATCOM for Power Quality Improvement. Journal of the Institution of Engineers (India): Series B, 2021, 102, 881-893.	1.3	1
13	Performance of Series Active Filter in low voltage distribution system with non linear loads. , 2011, , .		0
14	Experimental verification of FPGA controller based Series Active Filter. , 2012, , .		0