

Manoj Badoni

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.

18
papers

302
citations

9
h-index

17
g-index

29
ext. papers

429
ext. citations

4.2
avg, IF

3.87
L-index

#	Paper	IF	Citations
18	Design and Development of Non-Linearly Controlled Class-D Audio Amplifier. <i>Electronics (Switzerland)</i> , 2022 , 11, 77	2.6	
17	Fractional-Order Notch Filter for Grid-Connected Solar PV System With Power Quality Improvement. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	6
16	Real-time implementation of active shunt compensator with adaptive SRLMMN control technique for power quality improvement in the distribution system. <i>IET Generation, Transmission and Distribution</i> , 2020 , 14, 1598-1606	2.5	9
15	Power Quality Enhancement Using Euclidean Direction Search Based Control Technique. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 2231-2240	8.9	7
14	Implementation of Immune Feedback Control Algorithm for Distribution Static Compensator. <i>IEEE Transactions on Industry Applications</i> , 2019 , 55, 918-927	4.3	7
13	Grid interfaced solar photovoltaic system using ZA-LMS based control algorithm. <i>Electric Power Systems Research</i> , 2018 , 160, 261-272	3.5	11
12	Power quality improvement using DSTATCOM with affine projection algorithm. <i>IET Generation, Transmission and Distribution</i> , 2018 , 12, 3261-3269	2.5	8
11	Implementation of Echo-State Network-Based Control for Power Quality Improvement. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 5576-5584	8.9	29
10	Comparative Performance of Wiener Filter and Adaptive Least Mean Square-Based Control for Power Quality Improvement. <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 63, 3028-3037	8.9	42
9	Adaptive Neurofuzzy Inference System Least-Mean-Square-Based Control Algorithm for DSTATCOM. <i>IEEE Transactions on Industrial Informatics</i> , 2016 , 12, 483-492	11.9	50
8	Design and Implementation of TakagiBugeno Fuzzy Logic Controller for Shunt Compensator. <i>Journal of the Institution of Engineers (India): Series B</i> , 2016 , 97, 481-491	0.9	2
7	An implementation of variable step-size least-mean-square based control algorithm for DSTATCOM. <i>International Transactions on Electrical Energy Systems</i> , 2016 , 26, 1540-1554	2.2	9
6	Adaptive recursive inverse-based control algorithm for shunt active power filter. <i>IET Power Electronics</i> , 2016 , 9, 1053-1064	2.2	21
5	Variable Forgetting Factor Recursive Least Square Control Algorithm for DSTATCOM. <i>IEEE Transactions on Power Delivery</i> , 2015 , 30, 2353-2361	4.3	82
4	Design and Implementation of Adaptive NeuroBuzzy Inference System Based Control Algorithm for Distribution Static Compensator. <i>Electric Power Components and Systems</i> , 2015 , 43, 1741-1751	1	9
3	Conductance based fryze algorithm for improving power quality for non-linear loads 2014 ,		2
2	PV integrated grid synchronization technique using modified SOGI-FLL and zero-crossing detector. <i>Electrical Engineering</i> ,1	1.5	0

- 1 Evaluating the relative operational performance of wind power plants in Indian electricity generation sector using two-stage model. *Energy and Environment*,0958305X2110435 2.4 2