

# Sachin Devassy

## 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

297  
citations

10  
h-index

17  
g-index

21  
ext. papers

467  
ext. citations

4.6  
avg, IF

4.58  
L-index

#	Paper	IF	Citations
18	Performance Analysis of Solar PV Array and Battery Integrated Unified Power Quality Conditioner for Microgrid Systems. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 68, 4027-4035	8.9	22
17	Solar PV Array Integrated UPQC for Power Quality Improvement Based on Modified GI <b>2020</b> ,		2
16	Review of hierarchical control strategies for DC microgrid. <i>IET Renewable Power Generation</i> , <b>2020</b> , 14, 1631-1640	2.9	25
15	Modified generalised integrator based control strategy for solar PV fed UPQC enabling power quality improvement. <i>IET Generation, Transmission and Distribution</i> , <b>2020</b> , 14, 3127-3138	2.5	7
14	Implementation of Solar Photovoltaic System With Universal Active Filtering Capability. <i>IEEE Transactions on Industry Applications</i> , <b>2019</b> , 55, 3926-3934	4.3	15
13	Control of a Solar Photovoltaic Integrated Universal Active Power Filter Based on a Discrete Adaptive Filter. <i>IEEE Transactions on Industrial Informatics</i> , <b>2018</b> , 14, 3003-3012	11.9	14
12	. <i>IEEE Transactions on Industry Applications</i> , <b>2018</b> , 54, 73-81	4.3	84
11	Performance Evaluation of Islanded and Grid Connected Operation of Solar PV-Battery Based Universal Active Power Filter <b>2018</b> ,		2
10	Implementation of solar photovoltaic system with universal active filtering capability <b>2018</b> ,		2
9	Modified pq-Theory-Based Control of Solar-PV-Integrated UPQC-S. <i>IEEE Transactions on Industry Applications</i> , <b>2017</b> , 53, 5031-5040	4.3	45
8	Performance analysis of proportional resonant and ADALINE-based solar photovoltaic-integrated unified active power filter. <i>IET Renewable Power Generation</i> , <b>2017</b> , 11, 1382-1391	2.9	15
7	Control of solar photovoltaic integrated UPQC operating in polluted utility conditions. <i>IET Power Electronics</i> , <b>2017</b> , 10, 1413-1421	2.2	19
6	Discrete adaptive notch filter based single phase solar PV integrated UPQC <b>2016</b> ,		5
5	Discrete SOGI based control of solar photovoltaic integrated unified power quality conditioner <b>2016</b> ,		4
4	Design and performance analysis of three-phase solar PV integrated UPQC <b>2016</b> ,		14
3	Dynamic performance of solar PV integrated UPQC-P for critical loads <b>2015</b> ,		13
2	Enhancement of power quality using solar PV integrated UPQC <b>2015</b> ,		8

1 Digital voltage-mode controller for soft-switching ZVT-ON boost converter **2010**,

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