

Sachin Devassy

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3299674/publications.pdf>

Version: 2024-02-01

21
papers

610
citations

1039880

9
h-index

1474057

9
g-index

21
all docs

21
docs citations

21
times ranked

398
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and Performance Analysis of Three-Phase Solar PV Integrated UPQC. IEEE Transactions on Industry Applications, 2018, 54, 73-81.	3.3	158
2	Review of hierarchical control strategies for DC microgrid. IET Renewable Power Generation, 2020, 14, 1631-1640.	1.7	90
3	Modified <i>pq</i> -Theory-Based Control of Solar-PV-Integrated UPQC-S. IEEE Transactions on Industry Applications, 2017, 53, 5031-5040.	3.3	79
4	Performance Analysis of Solar PV Array and Battery Integrated Unified Power Quality Conditioner for Microgrid Systems. IEEE Transactions on Industrial Electronics, 2021, 68, 4027-4035.	5.2	58
5	Implementation of Solar Photovoltaic System With Universal Active Filtering Capability. IEEE Transactions on Industry Applications, 2019, 55, 3926-3934.	3.3	35
6	Control of a Solar Photovoltaic Integrated Universal Active Power Filter Based on a Discrete Adaptive Filter. IEEE Transactions on Industrial Informatics, 2018, 14, 3003-3012.	7.2	30
7	Control of solar photovoltaic integrated UPQC operating in polluted utility conditions. IET Power Electronics, 2017, 10, 1413-1421.	1.5	26
8	Design and performance analysis of three-phase solar PV integrated UPQC. , 2016, , .		23
9	Performance analysis of proportional resonant and ADALINE-based solar photovoltaic-integrated unified active power filter. IET Renewable Power Generation, 2017, 11, 1382-1391.	1.7	22
10	Modified generalised integrator based control strategy for solar PV fed UPQC enabling power quality improvement. IET Generation, Transmission and Distribution, 2020, 14, 3127-3138.	1.4	21
11	Dynamic performance of solar PV integrated UPQC-P for critical loads. , 2015, , .		18
12	Enhancement of power quality using solar PV integrated UPQC. , 2015, , .		11
13	Discrete adaptive notch filter based single phase solar PV integrated UPQC. , 2016, , .		7
14	Digital voltage-mode controller for soft-switching ZVT-ON boost converter. , 2010, , .		6
15	Discrete SOGI based control of solar photovoltaic integrated unified power quality conditioner. , 2016, , .		6
16	Solar PV Array Integrated UPQC for Power Quality Improvement Based on Modified GI. , 2020, , .		6
17	Performance Evaluation of Islanded and Grid Connected Operation of Solar PV-Battery Based Universal Active Power Filter. , 2018, , .		5
18	Control of a Multi-functional Solar PV-Battery System for Operation in a Microgrid Environment. , 2019, , .		5

#	ARTICLE	IF	CITATIONS
19	Implementation of solar photovoltaic system with universal active filtering capability. , 2018, , .		2
20	Modified Control Technique for Series and Shunt Converters of UPQC to Enhance Power Quality. , 2020, , .		1
21	Solar Photovoltaic Array Fed Unified Power Quality Conditioner System Enabling Alleviation of Asymmetrical Voltage Sag. , 2020, , .		1