

Shriram Srinivasarangan Rangarajan

List of Publications by Citations

Source:

<https://exaly.com/author-pdf/235629/shriram-srinivasarangan-rangarajan-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36
papers

195
citations

8
h-index

12
g-index

44
ext. papers

490
ext. citations

2.3
avg, IF

3.75
L-index

#	Paper	IF	Citations
36	2011,		25
35	An Extensive Review of Multilevel Inverters Based on Their Multifaceted Structural Configuration, Triggering Methods and Applications. <i>Electronics (Switzerland)</i> , 2020 , 9, 433	2.6	18
34	Islanding operation scheme for DC microgrid utilizing pseudo Droop control of photovoltaic system. <i>Energy for Sustainable Development</i> , 2020 , 55, 95-104	5.4	18
33	A survey on global PV interconnection standards 2017 ,		14
32	Efficacy of a Smart Photovoltaic inverter as a virtual detuner for mitigating Network Harmonic Resonance in Distribution Systems. <i>Electric Power Systems Research</i> , 2019 , 171, 175-184	3.5	13
31	Smart PV and SmartPark inverters as suppressors of TOV phenomenon in distribution systems. <i>IET Generation, Transmission and Distribution</i> , 2018 , 12, 5909-5917	2.5	12
30	Neoteric Fuzzy control stratagem and design of Chopper fed Multilevel Inverter for enhanced Voltage Output involving Plug-In Electric Vehicle (PEV) applications. <i>Electronics (Switzerland)</i> , 2019 , 8, 1092	2.6	10
29	Detuning of harmonic resonant modes in accordance with IEEE 519 standard in an exemplary north american distribution system with PV and wind 2017 ,		9
28	Harmonic resonance repercussions of PV and associated distributed generators on distribution systems 2017 ,		8
27	Effect of distributed generation on line losses and Network Resonances 2014 ,		8
26	Solid-State DC Circuit Breakers and Their Comparison in Modular Multilevel Converter Based-HVDC Transmission System. <i>Electronics (Switzerland)</i> , 2021 , 10, 1204	2.6	8
25	Novel Exertion of Intelligent Static Compensator Based Smart Inverters for Ancillary Services in a Distribution Utility Network-Review. <i>Electronics (Switzerland)</i> , 2020 , 9, 662	2.6	6
24	Coordinated operation of multiple inverter based renewable distributed generators as an active power injector and reactive power compensator 2014 ,		6
23	Cost estimation and recovery analysis of a PV Solar farm utilized round the clock 2013 ,		4
22	Novel 24 hour usage of a PV Solar Farm for reducing Line Loss 2013 ,		4
21	Distributed generators optimal sizing and placement in a microgrid using PSO 2017 ,		4
20	Comparative impact assessment of filter elements associated with PWM and hysteresis controlled PV on network harmonic resonance in distribution systems 2017 ,		4

19	Enhancing the Power Quality of the Grid Interactive Solar Photovoltaic-Electric Vehicle System. <i>World Electric Vehicle Journal</i> , 2021 , 12, 98	2.5	4
18	Novel Efficacious Utilization of Fuzzy-Logic Controller-Based Two-Quadrant Operation of PMBLDC Motor Drive Systems for Multipass Hot-Steel Rolling Processes. <i>Electronics (Switzerland)</i> , 2020 , 9, 1008	2.6	3
17	Hall-Sensor-Based Position Detection for Quick Reversal of Speed Control in a BLDC Motor Drive System for Industrial Applications. <i>Electronics (Switzerland)</i> , 2020 , 9, 1149	2.6	3
16	A Simplified Output Feedback Controller for the DC-DC Boost Power Converter. <i>Electronics (Switzerland)</i> , 2021 , 10, 493	2.6	3
15	Enhancing the Power Transfer Capability in a power system network using Series Connected FACTS Devices for increased Renewable penetration 2014 ,		2
14	Optimal Hybrid PV Array Topologies to Maximize the Power Output by Reducing the Effect of Non-Uniform Operating Conditions. <i>Electronics (Switzerland)</i> , 2021 , 10, 3014	2.6	2
13	Analysis on power distribution system in India-Patna city- A case study 2014 ,		1
12	Application of Cubic Spline Interpolation in estimating Market power under deregulated electricity market 2015 ,		1
11	Technical and Economic Analysis of an HVDC Transmission System for Renewable Energy Connection in Afghanistan. <i>Sustainability</i> , 2022 , 14, 1468	3.6	1
10	Economic Emission Load Dispatch Problem with Valve-Point Loading Using a Novel Quasi-Optional-Based Political Optimizer. <i>Electronics (Switzerland)</i> , 2021 , 10, 2596	2.6	1
9	A Brief Survey on Important Interconnection Standards for Photovoltaic Systems and Electric Vehicles. <i>World Electric Vehicle Journal</i> , 2021 , 12, 117	2.5	1
8	Novel Utilization of Phasor Measurement Units (PMU) in Smart Grid Restoration: A Brief Survey. <i>Lecture Notes in Electrical Engineering</i> , 2021 , 431-442	0.2	0
7	Transient Stability Enhancement Using FACTS Devices in a Distribution System Involving Distributed Generation Systems. <i>Lecture Notes in Electrical Engineering</i> , 2021 , 507-515	0.2	0
6	A Quasi-Optional Heap-Based Optimization Technique for Power Flow Analysis by Considering Large Scale Photovoltaic Generator. <i>Energies</i> , 2021 , 14, 5382	3.1	0
5	Dynamic Voltage Stability Assessment in Remote Island Power System with Renewable Energy Resources and Virtual Synchronous Generator. <i>Energies</i> , 2021 , 14, 5851	3.1	0
4	Online Learning-Based ANN Controller for a Grid-Interactive Solar PV System. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 8712	2.6	0
3	An Energy-Efficient Start-Up Strategy for Large Variable Speed Hydro Pump Turbine Equipped with Doubly Fed Asynchronous Machine. <i>Energies</i> , 2022 , 15, 3138	3.1	0
2	Synergistic Damping Operation of TCSC and CPSS Using PSO in a Power System. <i>Lecture Notes in Electrical Engineering</i> , 2021 , 17-26	0.2	

1

Techno-economic Benefits of Grid Penetrated 1 MW PV System in India. *Lecture Notes in Electrical Engineering*, **2021**, 739-748

0.2