

Rachana Garg

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

238
citations

1307594

7
h-index

1058476

14
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all docs

26
docs citations

26
times ranked

205
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymmetrical interval type-2 fuzzy logic control based MPPT tuning for PV system under partial shading condition. <i>ISA Transactions</i> , 2020, 100, 251-263.	5.7	67
2	Tuning of asymmetrical fuzzy logic control algorithm for SPV system connected to grid. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 16375-16385.	7.1	36
3	Algorithm for islanding detection in photovoltaic generator network connected to low-voltage grid. <i>IET Generation, Transmission and Distribution</i> , 2018, 12, 2280-2287.	2.5	34
4	ANFIS-Based Control of Multi-objective Grid Connected Inverter and Energy Management. <i>Journal of the Institution of Engineers (India): Series B</i> , 2020, 101, 1-14.	1.9	14
5	Review of islanding detection schemes for utility interactive solar photovoltaic systems. <i>International Journal of Green Energy</i> , 2022, 19, 242-253.	3.8	14
6	Smooth LMS-based adaptive control of SPV system tied to grid for enhanced power quality. <i>IET Power Electronics</i> , 2020, 13, 3456-3466.	2.1	11
7	Modified Synchronous Reference Frame Control of Solar Photovoltaic-Based Microgrid for Power Quality Improvement. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 1001-1018.	3.0	8
8	Design, development, and reliability assessment of dual output converters for SPV based DC nanogrid. <i>Journal of Renewable and Sustainable Energy</i> , 2018, 10, .	2.0	7
9	ASYMMETRICAL FUZZY LOGIC CONTROL BASED MPPT ALGORITHM FOR STAND-ALONE PV SYSTEM UNDER PARTIALLY SHADED CONDITIONS. <i>Scientia Iranica</i> , 2019, .	0.4	7
10	Grid integrated PMSG based Wind Energy System: Modelling, control and simulation. , 2016, , .		6
11	IZAQ-based control of PV-battery interfaced microgrid in grid-connected and autonomous modes. <i>IET Power Electronics</i> , 2020, 13, 3999-4007.	2.1	4
12	AES-FLL control of RES powered microgrid for power quality improvement with synchronization control. <i>Electric Power Systems Research</i> , 2022, 203, 107681.	3.6	4
13	Sensitivity analysis of pantograph-catenary system model. , 2012, , .		3
14	Techno-economic analysis of Solar photovoltaic power plant for Delhi Secretariat building. , 2016, , .		3
15	Study of Forced Oscillations in Two Area Power System. , 2018, , .		3
16	Control of Grid Integrated Photovoltaic system using new Variable Step Size Least Mean Square adaptive filter. <i>Electrical Engineering</i> , 0, , 1.	2.0	3
17	Digital Model of Railway Electric Traction Lines. <i>Journal of the Institution of Engineers (India): Series B</i> , 2017, 98, 377-384.	1.9	2
18	Techno-Economic Analysis of Different Lighting Schemes: A Case Study. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
19	Design & Implementation of Solar Fed Intensity Controlled Streetlight. , 2018, , .		2
20	Characterization Studies of Dual-Input Single-Output Converters for PV Applications. IETE Journal of Research, 2022, 68, 1265-1276.	2.6	2
21	Performance improvement of grid-integrated PV system using novel robust least mean logarithmic square control algorithm. Electrical Engineering, 2022, 104, 3207-3224.	2.0	2
22	Sensitivity model of energy consumption by railway electric locomotive. , 2015, , .		1
23	Analysing the impact of various incentives on solar tariff in India. International Journal of Sustainable Energy, 2022, 41, 126-147.	2.4	1
24	Grid Tied SPV System with Combined LMS-LMF Algorithm for VSC Control. , 2021, , .		1
25	Uncertain data processing of PMU modules using fuzzy Petri net. Journal of Intelligent and Fuzzy Systems, 2021, , 1-13.	1.4	1
26	Comparative Analysis of different Variants of Particle Swarm Optimization for Economic Load Dispatch Problem. , 2020, , .		0