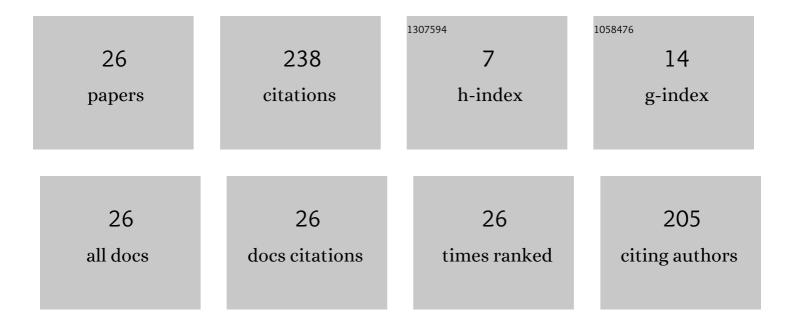
Rachana Garg

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Characterization Studies of Dual-Input Single-Output Converters for PV Applications. IETE Journal of Research, 2022, 68, 1265-1276.	2.6	2
2	Analysing the impact of various incentives on solar tariff in India. International Journal of Sustainable Energy, 2022, 41, 126-147.	2.4	1
3	Review of islanding detection schemes for utility interactive solar photovoltaic systems. International Journal of Green Energy, 2022, 19, 242-253.	3.8	14
4	AES-FLL control of RES powered microgrid for power quality improvement with synchronization control. Electric Power Systems Research, 2022, 203, 107681.	3.6	4
5	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
6	Modified Synchronous Reference Frame Control of Solar Photovoltaic-Based Microgrid for Power Quality Improvement. Arabian Journal for Science and Engineering, 2021, 46, 1001-1018.	3.0	8
7	Grid Tied SPV System with Combined LMS-LMF Algorithm for VSC Control. , 2021, , .		1
8	Uncertain data processing of PMU modules using fuzzy Petri net. Journal of Intelligent and Fuzzy Systems, 2021, , 1-13.	1.4	1
9	Asymmetrical interval type-2 fuzzy logic control based MPPT tuning for PV system under partial shading condition. ISA Transactions, 2020, 100, 251-263.	5.7	67
10	Comparative Analysis of different Variants of Particle Swarm Optimization for Economic Load Dispatch Problem. , 2020, , .		0
11	ANFIS-Based Control of Multi-objective Grid Connected Inverter and Energy Management. Journal of the Institution of Engineers (India): Series B, 2020, 101, 1-14.	1.9	14
12	IZAQ‣MSâ€based control of PVâ€battery interfaced microgrid in gridâ€connected and autonomous modes. IET Power Electronics, 2020, 13, 3999-4007.	2.1	4
13	Smooth LMSâ€based adaptive control of SPV system tied to grid for enhanced power quality. IET Power Electronics, 2020, 13, 3456-3466.	2.1	11
14	ASYMMETRICAL FUZZY LOGIC CONTROL BASED MPPT ALGORITHM FOR STAND-ALONE PV SYSTEM UNDER PARTIALLY SHADED CONDITIONS. Scientia Iranica, 2019, .	0.4	7
15	Design, development, and reliability assessment of dual output converters for SPV based DC nanogrid. Journal of Renewable and Sustainable Energy, 2018, 10, .	2.0	7
16	Techno-Economic Analysis of Different Lighting Schemes: A Case Study. , 2018, , .		2
17	Design & amp; Implementation of Solar Fed Intensity Controlled Streetlight. , 2018, , .		2

18 Study of Forced Oscillations in Two Area Power System. , 2018, , .

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#	Article	IF	CITATIONS
19	Algorithm for islanding detection in photovoltaic generator network connected to lowâ€voltage grid. IET Generation, Transmission and Distribution, 2018, 12, 2280-2287.	2.5	34
20	Tuning of asymmetrical fuzzy logic control algorithm for SPV system connected to grid. International Journal of Hydrogen Energy, 2017, 42, 16375-16385.	7.1	36
21	Digital Model of Railway Electric Traction Lines. Journal of the Institution of Engineers (India): Series B, 2017, 98, 377-384.	1.9	2
22	Grid integrated PMSG based Wind Energy System: Modelling, control and simulation. , 2016, , .		6
23	Techno-economic analysis of Solar photovoltaic power plant for Delhi Secretariat building. , 2016, , .		3
24	Sensitivity model of energy consumption by railway electric locomotive. , 2015, , .		1
25	Sensitivity analysis of pantograph-catenary system model. , 2012, , .		3
26	Control of Grid Integrated Photovoltaic system using new Variable Step Size Least Mean Square adaptive filter. Electrical Engineering, 0, , 1.	2.0	3