

Sunil Kumar Goyal

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

220
citations

1163117

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h-index

1474206

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g-index

16
all docs

16
docs citations

16
times ranked

132
citing authors

#	ARTICLE	IF	CITATIONS
1	Wigner distribution function and alienation coefficientâ€based transmission line protection scheme. IET Generation, Transmission and Distribution, 2020, 14, 1842-1853.	2.5	56
2	Alienation Coefficient and Wigner Distribution Function Based Protection Scheme for Hybrid Power System Network with Renewable Energy Penetration. Energies, 2020, 13, 1120.	3.1	37
3	A Protection Scheme for a Power System with Solar Energy Penetration. Applied Sciences (Switzerland), 2020, 10, 1516.	2.5	33
4	Analysis and Classification of Maximum Power Point Tracking (MPPT) Techniques: A Review. Lecture Notes in Electrical Engineering, 2020, , 999-1008.	0.4	15
5	Analysis of performance parameters and estimation of optimum capacitance for asynchronous generator. Engineering Science and Technology, an International Journal, 2016, 19, 1753-1762.	3.2	13
6	Grid Connected-Photovoltaic System (GC-PVS): Issues and Challenges. IOP Conference Series: Materials Science and Engineering, 2019, 594, 012032.	0.6	12
7	Multilevel Inverter Topologies in Renewable Energy Applications. Lecture Notes in Electrical Engineering, 2020, , 891-902.	0.4	10
8	Economic Load Dispatch with Emission and Line Constraints using Biogeography Based Optimization Technique. , 2020, , .		8
9	Modelling and Simulation of a Solar PV System: A Comprehensive Study. , 2020, , .		8
10	A Study and Comprehensive Overview of Inverter Topologies for Grid-Connected Photovoltaic Systems (PVS). Lecture Notes in Electrical Engineering, 2020, , 1009-1017.	0.4	8
11	A Technique Using Stockwell Transform Based Median for Detection of Power System Faults. , 2018, , .		6
12	Detection and Analysis of Power System Faults in the Presence of Wind Power Generation Using Stockwell Transform Based Median. Lecture Notes in Electrical Engineering, 2020, , 319-329.	0.4	5
13	Optimization of economic load dispatch problems using biogeography based optimization technique. , 2015, , .		3
14	A Wind Farm Modeling in IEEE-24 Bus Reliability Test System on DigSILENT Power Factory. , 2020, , .		3
15	Simulation of Solar-Grid Charging of Electric Vehicle using PI Controller. , 2022, , .		2
16	Transmission constrained economic load dispatch using biogeography based optimization. , 2014, , .		1