

Harpal Tiwari

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

140
citations

1684188

5
h-index

1588992

8
g-index

24
all docs

24
docs citations

24
times ranked

162
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel High Voltage Gain SEPIC Converter Based on Hybrid Split-Inductor for Renewable Application. IETE Journal of Research, 2022, 68, 3457-3473.	2.6	5
2	Effect of High-Resolution Data Input on Wind Speed Prediction using Machine Learning Algorithms. , 2022, , .		0
3	Fuzzy-based Reserve Scheduling in Renewable Integrated Power Systems. , 2022, , .		0
4	Elimination of Commutation Current Ripple in the BLDC Motor Based on DC-DC Converter using PR-Compensator. , 2020, , .		3
5	<scp>Frontâ€end</scp> zeta converter based <scp>BLDCM</scp> drive for efficient reduction of commutation current ripple using <scp>notchâ€filter</scp>. International Transactions on Electrical Energy Systems, 2020, 30, e12508.	1.9	4
6	Inertia Emulation Trends in Low Carbon Power System. , 2019, , .		2
7	Modified intervalâ€based generator scheduling for PFR adequacy under uncertain PV generation. IET Generation, Transmission and Distribution, 2019, 13, 3725-3733.	2.5	9
8	Fault Classification in VSC-HVDC Transmission System using Machine Learning Approach. , 2019, , .		4
9	Mitigation of Commutation Current Ripple in the BLDC Motor Drive Based on DC-DC Converter Using PR Compensator. International Journal of Emerging Electric Power Systems, 2019, 20, .	0.8	1
10	System Inertia Prediction for Primary Frequency Response Adequacy Under Uncertain Wind Generation. , 2018, , .		2
11	Inertia and Primary Frequency Response Assessment Under Uncertain Photovoltaic Generation. , 2018, , .		2
12	Detection and Classification of Transmission Line Faults Using Modified F-SVM. , 2018, , .		4
13	Fault detection, classification in multiterminal HVDC transmission system with MC-SVM. Journal of Intelligent and Fuzzy Systems, 2018, 35, 4977-4986.	1.4	2
14	Implementation of INC-PIMPPT and its comparison with INC MPPT by direct duty cycle control for solar photovoltaics employing zeta converter. , 2017, , .		8
15	Parameter-less fault locator using synchronized/un-synchronized data for overhead transmission line. , 2017, , .		6
16	Optical Response of Mixed Molybdenum Dichalcogenides for Solar Cell Applications Using the Modified Beckeâ€Johnson Potential. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2016, 71, 213-223.	1.5	5
17	Scheduled incremental and unscheduled interchange cost components of transmission tariff allocation: a novel approach for maintaining the grid discipline. IET Generation, Transmission and Distribution, 2014, 8, 1754-1766.	2.5	5
18	Extreme Nash equilibrium of polymatrix games in electricity market. , 2014, , .		4

#	ARTICLE	IF	CITATIONS
19	A comprehensive transmission cost allocation by composite MW-mile & Composite MVA-mile methods with efficient ARR. , 2014, , .		1
20	Electronic and optical properties of MoS ₂ WS ₂ multi-layers: First principles study. Computational Materials Science, 2014, 92, 451-456.	3.0	23
21	Simulation of wind-power impact on the transient fault behaviour of grid-connected wind turbines. International Journal of Sustainable Energy, 2013, 32, 96-110.	2.4	6
22	Comparative assessment of MW-mile and MVA-mile methods of transmission tariff allocation and revenue reconciliation. , 2013, , .		4
23	Development of a Two Diode Model for Photovoltaic Modules Suitable for Use in Simulation Studies. , 2012, , .		37
24	Transmission tariff allocation using combined MW-Mile & Postage stamp methods. , 2011, , .		3