

# Harpal Tiwari

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11647214/publications.pdf>

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	Development of a Two Diode Model for Photovoltaic Modules Suitable for Use in Simulation Studies. , 2012, , .		37
2	Electronic and optical properties of MoS <sub>2</sub> / WS <sub>2</sub> multi-layers: First principles study. Computational Materials Science, 2014, 92, 451-456.	3.0	23
3	Modified interval-based generator scheduling for PFR adequacy under uncertain PV generation. IET Generation, Transmission and Distribution, 2019, 13, 3725-3733.	2.5	9
4	Implementation of INC-PMPPT and its comparison with INC MPPT by direct duty cycle control for solar photovoltaics employing zeta converter. , 2017, , .		8
5	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
6	Parameter-less fault locator using synchronized/un-synchronized data for overhead transmission line. , 2017, , .		6
7	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
8	Optical Response of Mixed Molybdenum Dichalcogenides for Solar Cell Applications Using the Modified Becke-Johnson Potential. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2016, 71, 213-223.	1.5	5
9	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
10	Comparative assessment of MW-mile and MVA-mile methods of transmission tariff allocation and revenue reconciliation. , 2013, , .		4
11	Extreme Nash equilibrium of polymatrix games in electricity market. , 2014, , .		4
12	Detection and Classification of Transmission Line Faults Using Modified F-SVM. , 2018, , .		4
13	Fault Classification in VSC-HVDC Transmission System using Machine Learning Approach. , 2019, , .		4
14	Front-end zeta converter based BLDCM drive for efficient reduction of commutation current ripple using notch filter. International Transactions on Electrical Energy Systems, 2020, 30, e12508.	1.9	4
15	Transmission tariff allocation using combined MW-Mile & Postage stamp methods. , 2011, , .		3
16	Elimination of Commutation Current Ripple in the BLDC Motor Based on DC-DC Converter using PR-Compensator. , 2020, , .		3
17	System Inertia Prediction for Primary Frequency Response Adequacy Under Uncertain Wind Generation. , 2018, , .		2
18	Inertia and Primary Frequency Response Assessment Under Uncertain Photovoltaic Generation. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
19	Fault detection, classification in multiterminal HVDC transmission system with MC-SVM. Journal of Intelligent and Fuzzy Systems, 2018, 35, 4977-4986.	1.4	2
20	Inertia Emulation Trends in Low Carbon Power System. , 2019, , .		2
21	A comprehensive transmission cost allocation by composite MW-mile & Composite MVA-mile methods with efficient ARR. , 2014, , .		1
22	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
23	Effect of High-Resolution Data Input on Wind Speed Prediction using Machine Learning Algorithms. , 2022, , .		0
24	Fuzzy-based Reserve Scheduling in Renewable Integrated Power Systems. , 2022, , .		0