

Devender kumar saini

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

160
citations

1307594

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h-index

1125743

13
g-index

23
all docs

23
docs citations

23
times ranked

117
citing authors

#	ARTICLE	IF	CITATIONS
1	Microgrid Control, Storage, and Communication Strategies to Enhance Resiliency for Survival of Critical Load. IEEE Access, 2020, 8, 169047-169069.	4.2	40
2	Techno-economic hardening strategies to enhance distribution system resilience against earthquake. Reliability Engineering and System Safety, 2021, 213, 107682.	8.9	23
3	Approaches for optimal planning of the energy storage units in distribution network and their impacts on system resiliency – A review. CSEE Journal of Power and Energy Systems, 2020, , .	1.1	21
4	Environmental Constrained Optimal Hybrid Energy Storage System Planning for an Indian Distribution Network. IEEE Access, 2020, 8, 97793-97808.	4.2	17
5	Review of Sustainable Grid-Independent Renewable Energy Access in Remote Communities of India. Integrated Environmental Assessment and Management, 2021, 17, 364-375.	2.9	13
6	Resilient electrical distribution grid planning against seismic waves using distributed energy resources and sectionalizers: An Indian's urban grid case study. Renewable Energy, 2021, 178, 241-259.	8.9	13
7	Modified Algorithm for Fault Detection on AC Electrical Traction Line: An Indian Climate Case Study. IEEE Transactions on Transportation Electrification, 2018, 4, 936-950.	7.8	8
8	Effects of dust on the performance of solar panels – a review update from 2015–2020. Energy and Environment, 2023, 34, 2110-2162.	4.6	5
9	Relay co-ordination optimization for integrated solar photo-voltaic power distribution grid. Cogent Engineering, 2019, 6, .	2.2	4
10	Optimized Design of Three Phase Squirrel Cage Induction Motor based on Maximum Efficiency Operating under the Rated Voltage – based on Software Platform. Indian Journal of Science and Technology, 2016, 9, .	0.7	3
11	Effect of Unaccounted Parameters on Reactive Power Compensation in Indian Electric Traction Line. IEEE Access, 2020, 8, 182679-182692.	4.2	3
12	A software approach for the prediction of efficiency of three phase induction motor at optimize iron losses. , 2016, , .		2
13	Development of Empirical Formulas and Computer Program with MATLAB GUI for Designing of Grounding System in Two Layer Soil Resistivity Model for High Voltage Air Insulated and Gas Insulated Substations. Indian Journal of Science and Technology, 2016, 9, .	0.7	1
14	Modelling the effect of varying height of earth cuttings and their angles on parasite capacitances of 25 kV AC Railway Electric Traction lines. , 2017, , .		1
15	Design, Analysis, and Assessment of Efficiency of Three-Phase Squirrel-Cage Induction Motors Operating Under the Rated Voltage: A Design Consideration for Rural Areas. Advances in Intelligent Systems and Computing, 2018, , 13-21.	0.6	1
16	Dynamism of Parasite Capacitance of AC Electric Traction Line Inside the Railway Tunnels. IETE Journal of Research, 2019, , 1-8.	2.6	1
17	Peer Review of Renewable Energy-based Adaptive Protection(s) & Relay Coordination Optimization Techniques. Recent Advances in Electrical and Electronic Engineering, 2020, 13, 1190-1205.	0.3	1
18	Fault Detection in Overhead Lines Using IoT-Enabled Fault Passage Indicator. Advances in Intelligent Systems and Computing, 2021, , 239-247.	0.6	0

#	ARTICLE	IF	CITATIONS
19	Modelling the Dynamic Line Parameter of 25 kV AC Railway Electric Traction Lines at Earth Cuttings. International Journal of Engineering and Technology, 2016, 8, 2070-2075.	0.1	0
20	Performance Improvement of Three-Phase Squirrel Cage Induction Motor Operating Under Rated Voltages – A Design Consideration for Rural Areas. Advances in Intelligent Systems and Computing, 2020, , 1-11.	0.6	0