

Mala De

List of Publications by Year in descending order

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49
papers

347
citations

933264

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940416

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49
all docs

49
docs citations

49
times ranked

269
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal Reactive Power Procurement With Voltage Stability Consideration in Deregulated Power System. IEEE Transactions on Power Systems, 2014, 29, 2078-2086.	4.6	62
2	Analysis of classical and machine learning based short-term and mid-term load forecasting for smart grid. International Journal of Sustainable Energy, 2021, 40, 821-839.	1.3	30
3	Reactive power cost allocation by power tracing based method. Energy Conversion and Management, 2012, 64, 43-51.	4.4	27
4	Loss allocation and loss minimisation for radial distribution system including DGs. IET Renewable Power Generation, 2017, 11, 806-818.	1.7	23
5	Load shifting technique for reduction of peak generation capacity requirement in smart grid. , 2016, , .		19
6	Reactive support allocation using improved Y-bus matrix method. IET Generation, Transmission and Distribution, 2011, 5, 448.	1.4	16
7	Transmission loss allocation in a power market using artificial neural network. Electrical Engineering, 2013, 95, 87-98.	1.2	15
8	Optimal reactive power dispatch using hybrid loop-genetic based algorithm. , 2016, , .		12
9	A new graph theory based loss allocation framework for bilateral power market using diakoptics. International Journal of Electrical Power and Energy Systems, 2016, 77, 395-403.	3.3	12
10	A Centrality Index Based Approach for Selection of Optimal Location of Static Reactive Power Compensator. Electric Power Components and Systems, 2018, 46, 886-899.	1.0	12
11	A novel electrical proximity index for voltage control in smart distribution system. Electric Power Systems Research, 2019, 172, 50-62.	2.1	12
12	Framework for multipoint optimal reactive power compensation in radial distribution system with high distributed generation penetration. International Transactions on Electrical Energy Systems, 2019, 29, e12007.	1.2	12
13	Voltage support cost allocation. Energy Conversion and Management, 2011, 52, 1184-1191.	4.4	7
14	A modified approach to transmission loss allocation using proportional sharing method for transaction based power system operation. , 2013, , .		7
15	Probabilistic Quantification of Distribution System Resilience for an Extreme Event. International Transactions on Electrical Energy Systems, 2022, 2022, 1-13.	1.2	7
16	A comprehensive survey of distribution system resilience to extreme weather events: concept, assessment, and enhancement strategies. International Journal of Ambient Energy, 2022, 43, 6671-6693.	1.4	6
17	A generalized bus dependency matrix based centrality measures for reactive power compensation. , 2017, , .		5
18	Analysis of Effectiveness of Flexible Load Shifting Order on Optimum DSM. , 2017, , .		5

#	ARTICLE	IF	CITATIONS
19	Optimal Load Scheduling for Industrial Load - Analysis for a Generalized Industrial Load Model. , 2019, , .		5
20	Planning Framework for Optimal Resource Utilization Strategy in Microgrid. Arabian Journal for Science and Engineering, 2020, 45, 1927-1947.	1.7	5
21	Optimal Capacitor Placement for Unbalanced Distribution System using Graph Theory. IETE Journal of Research, 2023, 69, 6512-6519.	1.8	5
22	Demand Response Management of Residential Loads with Integrated Temperature Dependent Appliances. , 2018, , .		4
23	DSM for allâ€day voltage profile improvement in a microgrid. IET Renewable Power Generation, 2019, 13, 990-997.	1.7	4
24	Comparison of Optimal DG Placement in Radial Distribution System Using Centrality Index. Lecture Notes in Electrical Engineering, 2020, , 119-131.	0.3	4
25	A novel loss allocation method for radial distribution system with distributed generations. , 2016, , .		3
26	Effective generation of electrical energy from exhaust gases in automobiles. , 2016, , .		3
27	<scp>NARX: Contribution</scp> â€•<scp>factorâ€based</scp> shortâ€term multinodal load forecasting for smart grid. International Transactions on Electrical Energy Systems, 2021, 31, e12726.	1.2	3
28	Analysis of Cross T-Type MLI using different Modulation Schemes. Journal of the Institution of Engineers (India): Series B, 0, , 1.	1.3	3
29	Identification and mitigation of congestion in distribution system utilizing proximity indexâ€based demand response. International Transactions on Electrical Energy Systems, 2020, 30, e12452.	1.2	3
30	Transaction based power flow solution and transmission loss allocation using neural network. , 2010, , .		2
31	Very Short-Term9 Short-Term and Mid-Term Load Forecasting for Residential Academic Institute: A Case Study. , 2018, , .		2
32	Efficient hybrid pricing for optimal DSM of home energy management system utilizing load precedence. International Transactions on Electrical Energy Systems, 2021, 31, e12783.	1.2	2
33	A Graph Theoretic Approach Based Capacitor Placement in Unbalanced Distribution System. , 2021, , .		2
34	Short term reactive power dispatch using a novel pricing structure for synchronous condenser. , 2015, , .		1
35	Analysis of a PV system under partially shaded condition using enhanced PV model. , 2017, , .		1
36	A New Graph Theoretic Power Flow Framework for Microgrid. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
37	Multi-Objective optimization Based Resource Utilization with Loss Minimization in Microgrid. , 2019, , .		1
38	Effect of Load Contribution Factor on Multinodal Load Forecasting. , 2021, , .		1
39	Congestion Management Using Demand Response in Smart Distribution System. , 2019, , .		1
40	Effect of Filtering in Big Data Analytics for Load Forecasting in Smart Grid. Communications in Computer and Information Science, 2020, , 125-134.	0.4	1
41	MRFO Based Multi-objective Optimization for Minimization of Peak Demand and Load Curtailment. , 2022, , .		1
42	Pricing of System Security with Voltage Stability Constraint. , 2008, , .		0
43	Loss allocation method independent of dynamic load variation. , 2016, , .		0
44	Network impedance based loss allocation technique invariant of load fluctuation. , 2017, , .		0
45	Mid-Term Forecasting of Fatalities Due to COVID-19 Pandemic: A Case Study in Nine Most Affected Countries. Studies in Systems, Decision and Control, 2021, , 183-196.	0.8	0
46	Optimal Placement of Resistive Superconducting Fault Current Limiters in Microgrid. Lecture Notes in Electrical Engineering, 2020, , 81-91.	0.3	0
47	Mitigating Effect of Communication Link Failure in Smart Meter-Based Load Forecasting. Lecture Notes in Electrical Engineering, 2020, , 289-300.	0.3	0
48	Nine-level inverter with lesser number of power semiconductor switches using dSPACE. International Journal of Power Electronics and Drive Systems, 2022, 13, 39.	0.5	0
49	Effectiveness of Zeigler-Nicholas Method Based Parameter Tuning of Virtual Synchronous Generator for LFC in Low Inertia Islanded Microgrid. , 2022, , .		0