

Nand K Meena

List of Publications by Year in descending order

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45
papers

712
citations

686830

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h-index

580395

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g-index

49
all docs

49
docs citations

49
times ranked

606
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved Elephant Herding Optimization for Multiobjective DER Accommodation in Distribution Systems. IEEE Transactions on Industrial Informatics, 2018, 14, 1029-1039.	7.2	111
2	Strategic integration of battery energy storage systems with the provision of distributed ancillary services in active distribution systems. Applied Energy, 2019, 253, 113503.	5.1	86
3	Multi-objective Taguchi approach for optimal DG integration in distribution systems. IET Generation, Transmission and Distribution, 2017, 11, 2418-2428.	1.4	65
4	Modified African Buffalo Optimization for Strategic Integration of Battery Energy Storage in Distribution Networks. IEEE Access, 2020, 8, 14289-14301.	2.6	49
5	Multi-criteria decision making monarch butterfly optimization for optimal distributed energy resources mix in distribution networks. Applied Energy, 2020, 278, 115723.	5.1	47
6	Optimisation framework for the design and operation of open-market urban and remote community microgrids. Applied Energy, 2019, 252, 113399.	5.1	45
7	Optimal integration of DERs in coordination with existing VRs in distribution networks. IET Generation, Transmission and Distribution, 2018, 12, 2520-2529.	1.4	36
8	Moth Search Optimization for Optimal DERs Integration in Conjunction to OLTC Tap Operations in Distribution Systems. IEEE Systems Journal, 2020, 14, 880-888.	2.9	36
9	Multiobjective nested optimization framework for simultaneous integration of multiple photovoltaic and battery energy storage systems in distribution networks. Journal of Energy Storage, 2021, 35, 102263.	3.9	28
10	Optimal accommodation and management of high renewable penetration in distribution systems. Journal of Engineering, 2017, 2017, 1890-1895.	0.6	20
11	A Taguchi-based approach for optimal placement of distributed generations for power loss minimization in distribution system. , 2015, , .		18
12	Techno-Economic Feasibility Analysis of Grid-Connected Microgrid Design by Using a Modified Multi-Strategy Fusion Artificial Bee Colony Algorithm. Energies, 2021, 14, 190.	1.6	16
13	Modified Taguchi-Based Approach for Optimal Distributed Generation Mix in Distribution Networks. IEEE Access, 2019, 7, 135689-135702.	2.6	15
14	Optimal Planning of Hybrid Energy Conversion Systems for Annual Energy Cost Minimization in Indian Residential Buildings. Energy Procedia, 2019, 158, 2979-2985.	1.8	14
15	Hybrid Elephant Herding and Particle Swarm Optimizations for Optimal DG Integration in Distribution Networks. Electric Power Components and Systems, 2020, 48, 727-741.	1.0	14
16	Stochastic Volt/Var Planning and Operation for Microgrids with Renewables. International Journal of Electrical Energy, 2016, 4, 159-164.	0.4	14
17	Optimal Planning and Operational Management of Open-Market Community Microgrids. Energy Procedia, 2019, 159, 533-538.	1.8	10
18	Dispatchable solar photovoltaic power generation planning for distribution systems. , 2017, , .		9

#	ARTICLE	IF	CITATIONS
19	Mobile Power Infrastructure Planning and Operational Management for Smart City Applications. Energy Procedia, 2017, 142, 2202-2207.	1.8	8
20	Transaction-Oriented Dynamic Power Flow Tracing for Distribution Networks—Definition and Implementation in GIS Environment. IEEE Transactions on Smart Grid, 2021, 12, 1303-1313.	6.2	8
21	Dynamic economic dispatch of Micro-grid using Harmony Search Algorithm. , 2015, , .		7
22	Strategic Allocation and Energy Management of BESS for the Provision of Ancillary Services in Active Distribution Networks. Energy Procedia, 2019, 158, 2972-2978.	1.8	7
23	Reliability and Network Performance Enhancement by Reconfiguring Underground Distribution Systems. Energies, 2020, 13, 4719.	1.6	7
24	Multiple DRPs to maximise the techno-economic benefits of the distribution network. Journal of Engineering, 2019, 2019, 5240-5244.	0.6	6
25	Multi-terminal phase-changing soft open point SDP modeling for imbalance mitigation in active distribution networks. International Journal of Electrical Power and Energy Systems, 2022, 142, 108228.	3.3	6
26	Modified Dragonfly Optimisation for Distributed Energy Mix in Distribution Networks. Energies, 2021, 14, 5690.	1.6	5
27	Moth Search Optimization for Optimal Integration of DERs for Annual Energy Loss Minimization in Distribution Systems. , 2018, , .		4
28	Exact Parameter Identification of Photovoltaic Panel by Using Datasheet Details. Energy Procedia, 2019, 158, 972-977.	1.8	4
29	Swarm Intelligence Algorithms: A Tutorial. , 2020, , 1-15.		3
30	Real time location estimation using active RFID system. , 2008, , .		2
31	An UVLO featured average current mode controlled boost converter design for automotive industry applications. , 2016, , .		2
32	Wind Power Generation Planning by Utilizing the Reactive Power Capabilities of Generators. , 2017, , .		2
33	Voltage stability index and APFC for performance improvement of modern power systems with intense renewables. Journal of Engineering, 2019, 2019, 5187-5192.	0.6	2
34	Dispatchable wind power generation planning for distribution systems. , 2017, , .		1
35	Backward/Forward Method for Three-phase Power Flow Calculation in Low Voltage Distribution Networks with EV Charging Points. , 2018, , .		1
36	Optimal Allocation of Distributed Generator to Ameliorate the Voltage Stability Employing Circular Optimization Algorithm. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
37	Optimization Framework for Peer-to-Peer Charging of Electric Vehicles in Multi-area Distribution Networks. , 2019, , .		1
38	Design and Evaluation of Microgrids Based on Renewable Energy Technologies with a Perspective of Sustainable Development. , 2021, , 385-415.		1
39	Simultaneous Integration of Renewable Power Generation and Battery Energy Storage in Distribution Networks. , 2019, , .		0
40	Multi-Criteria PMU Placement for Observability of Power Systems. , 2013, , .		0
41	Ant Colony Optimization, Modifications, and Application. , 2020, , 1-14.		0
42	Bacterial Foraging Optimization. , 2020, , 31-42.		0
43	Modified Monarch Butterfly Optimization and Real-life Applications. , 2020, , 257-271.		0
44	Modified Bacterial Foraging Optimization and Application. , 2020, , 29-41.		0
45	Improved Elephant Herding Optimization and Application. , 2020, , 163-174.		0