

Nand K Meena

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

712
citations

686830

13
h-index

580395

25
g-index

49
all docs

49
docs citations

49
times ranked

606
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	Design and Evaluation of Microgrids Based on Renewable Energy Technologies with a Perspective of Sustainable Development. , 2021, , 385-415.		1
6	Modified Dragonfly Optimisation for Distributed Energy Mix in Distribution Networks. Energies, 2021, 14, 5690.	1.6	5
7	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
8	Multi-criteria decision making monarch butterfly optimization for optimal distributed energy resources mix in distribution networks. Applied Energy, 2020, 278, 115723.	5.1	47
9	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
10	Reliability and Network Performance Enhancement by Reconfiguring Underground Distribution Systems. Energies, 2020, 13, 4719.	1.6	7
11	Modified African Buffalo Optimization for Strategic Integration of Battery Energy Storage in Distribution Networks. IEEE Access, 2020, 8, 14289-14301.	2.6	49
12	Ant Colony Optimization, Modifications, and Application. , 2020, , 1-14.		0
13	Bacterial Foraging Optimization. , 2020, , 31-42.		0
14	Modified Monarch Butterfly Optimization and Real-life Applications. , 2020, , 257-271.		0
15	Modified Bacterial Foraging Optimization and Application. , 2020, , 29-41.		0
16	Swarm Intelligence Algorithms: A Tutorial. , 2020, , 1-15.		3
17	Improved Elephant Herding Optimization and Application. , 2020, , 163-174.		0
18	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

#	ARTICLE	IF	CITATIONS
19	Modified Taguchi-Based Approach for Optimal Distributed Generation Mix in Distribution Networks. IEEE Access, 2019, 7, 135689-135702.	2.6	15
20	Optimal Planning and Operational Management of Open-Market Community Microgrids. Energy Procedia, 2019, 159, 533-538.	1.8	10
21	Exact Parameter Identification of Photovoltaic Panel by Using Datasheet Details. Energy Procedia, 2019, 158, 972-977.	1.8	4
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	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
24	Optimisation framework for the design and operation of open-market urban and remote community microgrids. Applied Energy, 2019, 252, 113399.	5.1	45
25	Simultaneous Integration of Renewable Power Generation and Battery Energy Storage in Distribution Networks. , 2019, , .		0
26	Optimization Framework for Peer-to-Peer Charging of Electric Vehicles in Multi-area Distribution Networks. , 2019, , .		1
27	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
28	Multiple DRPs to maximise the techno-economic benefits of the distribution network. Journal of Engineering, 2019, 2019, 5240-5244.	0.6	6
29	Improved Elephant Herding Optimization for Multiobjective DER Accommodation in Distribution Systems. IEEE Transactions on Industrial Informatics, 2018, 14, 1029-1039.	7.2	111
30	Moth Search Optimization for Optimal Integration of DERs for Annual Energy Loss Minimization in Distribution Systems. , 2018, , .		4
31	Backward/Forward Method for Three-phase Power Flow Calculation in Low Voltage Distribution Networks with EV Charging Points. , 2018, , .		1
32	Optimal Allocation of Distributed Generator to Ameliorate the Voltage Stability Employing Circular Optimization Algorithm. , 2018, , .		1
33	Optimal integration of DERs in coordination with existing VRs in distribution networks. IET Generation, Transmission and Distribution, 2018, 12, 2520-2529.	1.4	36
34	Multi-objective Taguchi approach for optimal DG integration in distribution systems. IET Generation, Transmission and Distribution, 2017, 11, 2418-2428.	1.4	65
35	Mobile Power Infrastructure Planning and Operational Management for Smart City Applications. Energy Procedia, 2017, 142, 2202-2207.	1.8	8
36	Wind Power Generation Planning by Utilizing the Reactive Power Capabilities of Generators. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
37	Optimal accommodation and management of high renewable penetration in distribution systems. Journal of Engineering, 2017, 2017, 1890-1895.	0.6	20
38	Dispatchable solar photovoltaic power generation planning for distribution systems. , 2017, , .		9
39	Dispatchable wind power generation planning for distribution systems. , 2017, , .		1
40	An UVLO featured average current mode controlled boost converter design for automotive industry applications. , 2016, , .		2
41	Stochastic Volt/Var Planning and Operation for Microgrids with Renewables. International Journal of Electrical Energy, 2016, 4, 159-164.	0.4	14
42	Dynamic economic dispatch of Micro-grid using Harmony Search Algorithm. , 2015, , .		7
43	A Taguchi-based approach for optimal placement of distributed generations for power loss minimization in distribution system. , 2015, , .		18
44	Multi-Criteria PMU Placement for Observability of Power Systems. , 2013, , .		0
45	Real time location estimation using active RFID system. , 2008, , .		2