Vedik Basetti

List of Publications by Year
in descending order

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Version: 2024-02-01

27	539	623574 14	713332 21
papers	citations	h-index	g-index

28	28	28	238
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A novel disruption based symbiotic organisms search to solve economic dispatch. Evolutionary Intelligence, 2022, 15, 255-290.	2.3	8
2	Quasi-oppositional atom search optimization algorithm for automatic generation control of deregulated power systems. International Journal of Systems Assurance Engineering and Management, 2022, 13, 1845-1863.	1.5	3
3	A condition monitoring and fault detection in the windings of power transformer using impulse frequency response analysis. International Journal of Systems Assurance Engineering and Management, 2022, 13, 2062-2074.	1.5	1
4	Fuzzy-Based Shunt VAR Source Placement and Sizing by Oppositional Crow Search Algorithm. Journal of Control, Automation and Electrical Systems, 2022, 33, 1576-1591.	1.2	13
5	Load frequency stabilization of standâ€alone hybrid distributed generation system using QOHS algorithm. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 2022, 35, .	1.2	10
6	Renewable Energy-Based Load Frequency Stabilization of Interconnected Power Systems Using Quasi-Oppositional Dragonfly Algorithm. Journal of Control, Automation and Electrical Systems, 2021, 32, 227-243.	1.2	44
7	Frequency Stabilization of Solar Thermal-Photovoltaic Hybrid Renewable Power Generation Using Energy Storage Devices. Iranian Journal of Science and Technology - Transactions of Electrical Engineering, 2021, 45, 597-617.	1.5	24
8	Perspectives of Convertors and Communication Aspects in Automated Vehicles, Part 1: Convertors and Condition Monitoring. Energies, 2021, 14, 1795.	1.6	0
9	A Quasi-Oppositional Heap-Based Optimization Technique for Power Flow Analysis by Considering Large Scale Photovoltaic Generator. Energies, 2021, 14, 5382.	1.6	16
10	Impacts of wind farms with multi-terminal HVDC system in frequency regulation using quasi-opposition pathfinder algorithm. International Journal of Systems Assurance Engineering and Management, 2021, 12, 1434-1446.	1.5	4
11	Economic Emission Load Dispatch Problem with Valve-Point Loading Using a Novel Quasi-Oppositional-Based Political Optimizer. Electronics (Switzerland), 2021, 10, 2596.	1.8	18
12	Reverse harmonic load flow analysis using an evolutionary technique. SN Applied Sciences, 2020, 2, 1.	1.5	32
13	Solution to economic load dispatch using quasi-oppositional based CoDE by considering transmission line losses. IOP Conference Series: Materials Science and Engineering, 2020, 981, 042056.	0.3	13
14	Frequency stability of interconnected power systems using atom search optimization algorithm. IOP Conference Series: Materials Science and Engineering, 2020, 981, 042067.	0.3	14
15	Power system static state estimation using JADE-adaptive differential evolution technique. Soft Computing, 2018, 22, 7157-7176.	2.1	47
16	Optimal PMU placement for power system observability using Taguchi binary bat algorithm. Measurement: Journal of the International Measurement Confederation, 2017, 95, 8-20.	2.5	53
17	Simultaneous Placement of PMUs and Communication Infrastructure in WAMS using NSGA-II. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2016, 33, 621-637.	2.1	24
18	Power system static state estimation using a least winsorized square robust estimator. Neurocomputing, 2016, 207, 457-468.	3.5	20

#	Article	IF	Citations
19	Power system dynamic state estimation using prediction based evolutionary technique. Energy, 2016, 107, 29-47.	4.5	27
20	Economic dispatch with valve point effect using symbiotic oragnisms search algorithm. , 2016, , .		19
21	Power system state estimation using gravitational search algorithm. , 2015, , .		15
22	Power system state estimation using weighted least trimmed sum of absolute deviation. , 2015, , .		13
23	A robust LWS state estimation including anomaly detection and identification in power systems. Neurocomputing, 2015, 166, 122-132.	3.5	19
24	Hybrid power system state estimation using Taguchi differential evolution algorithm. IET Science, Measurement and Technology, 2015, 9, 449-466.	0.9	30
25	Differential evolution based optimal PMU placement for fault observability of power system. , 2013, , .		20
26	Optimal placement of PMUs using differential evolution. , 2013, , .		21
27	Controlled active power generation with multi-terminal HVDC system using modified grey wolf optimization. IOP Conference Series: Materials Science and Engineering, 0, 981, 042064.	0.3	17