

Manohar Mishra

List of Publications by Year in descending order

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44
papers

1,270
citations

430874

18
h-index

377865

34
g-index

47
all docs

47
docs citations

47
times ranked

842
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection and classification of microgrid faults based on HHT and machine learning techniques. IET Generation, Transmission and Distribution, 2018, 12, 388-397.	2.5	172
2	Power quality disturbance detection and classification using signal processing and soft computing techniques: A comprehensive review. International Transactions on Electrical Energy Systems, 2019, 29, e12008.	1.9	104
3	Deep learning and wavelet transform integrated approach for short-term solar PV power prediction. Measurement: Journal of the International Measurement Confederation, 2020, 166, 108250.	5.0	100
4	AC microgrid protection – A review: Current and future prospective. Applied Energy, 2020, 271, 115210.	10.1	93
5	An islanding detection algorithm for distributed generation based on Hilbert–Huang transform and extreme learning machine. Sustainable Energy, Grids and Networks, 2017, 9, 13-26.	3.9	85
6	An impact study of COVID-19 on six different industries: Automobile, energy and power, agriculture, education, travel and tourism and consumer electronics. Expert Systems, 2022, 39, .	4.5	73
7	Deep learning in electrical utility industry: A comprehensive review of a decade of research. Engineering Applications of Artificial Intelligence, 2020, 96, 104000.	8.1	69
8	Taxonomy of Islanding detection techniques for distributed generation in microgrid. Renewable Energy Focus, 2019, 31, 9-30.	4.5	55
9	MODWT-XGBoost based smart energy solution for fault detection and classification in a smart microgrid. Applied Energy, 2021, 285, 116457.	10.1	50
10	Short-Term Solar Power Predicting Model Based on Multi-Step CNN Stacked LSTM Technique. Energies, 2022, 15, 2150.	3.1	39
11	A combined mathematical morphology and extreme learning machine techniques based approach to micro-grid protection. Ain Shams Engineering Journal, 2019, 10, 307-318.	6.1	37
12	A systematic review on DC-microgrid protection and grounding techniques: Issues, challenges and future perspective. Applied Energy, 2022, 313, 118810.	10.1	35
13	High Impedance Fault detection in radial distribution system using S-Transform and neural network. , 2015, , .		32
14	Taxonomy of high impedance fault detection algorithm. Measurement: Journal of the International Measurement Confederation, 2019, 148, 106955.	5.0	31
15	Wavelet Transform and Deep Convolutional Neural Network-Based Smart Healthcare System for Gastrointestinal Disease Detection. Interdisciplinary Sciences, Computational Life Sciences, 2021, 13, 212-228.	3.6	31
16	Fast discrete s-transform and extreme learning machine based approach to islanding detection in grid-connected distributed generation. Energy Systems, 2019, 10, 757-789.	3.0	29
17	Autonomous microgrid operation subsequent to an anti-islanding scheme. Sustainable Cities and Society, 2018, 39, 430-448.	10.4	25
18	A Universal High Impedance Fault Detection Technique for Distribution System Using S-Transform and Pattern Recognition. Technology and Economics of Smart Grids and Sustainable Energy, 2016, 1, 1.	2.6	24

#	ARTICLE	IF	CITATIONS
19	Fuzzy and Real-Coded Chemical Reaction Optimization for Intrusion Detection in Industrial Big Data Environment. IEEE Transactions on Industrial Informatics, 2021, 17, 4298-4307.	11.3	20
20	A Self-Powered Solar Panel Automated Cleaning System: Design and Testing Analysis. Electric Power Components and Systems, 2021, 49, 308-320.	1.8	18
21	Hybrid islanding detection with optimum feature selection and minimum NDZ. International Transactions on Electrical Energy Systems, 2018, 28, e2602.	1.9	16
22	Advanced signal processing and machine learning techniques for voltage sag causes detection in an electric power system. International Transactions on Electrical Energy Systems, 2020, 30, e12167.	1.9	15
23	Optimal feature selection for islanding detection in distributed generation. IET Smart Grid, 2018, 1, 85-95.	2.2	13
24	Loss of main detection in distribution generation system based on hybrid signal processing and machine learning technique. International Transactions on Electrical Energy Systems, 2019, 29, e2676.	1.9	12
25	Study the performance of S-transform based extreme learning Machine for islanding detection in distributed generation. , 2016, , .		10
26	Time-Frequency Analysis based Approach to Islanding Detection in Micro-grid System. International Review of Electrical Engineering, 2016, 11, 116.	0.2	9
27	A power quality detection and classification algorithm based on FDST and hyper-parameter tuned light-GBM using memetic firefly algorithm. Measurement: Journal of the International Measurement Confederation, 2022, 187, 110260.	5.0	9
28	High impedance fault detection in radial distribution system using wavelet transform. , 2015, , .		7
29	Savitzky-Golay Filter integrated matrix pencil method to identify high impedance fault in a renewable penetrated distribution system. Electric Power Systems Research, 2022, 210, 108056.	3.6	7
30	Power quality disturbance recognition using hybrid signal processing and machine intelligence techniques. International Journal of Industrial Electronics and Drives, 2014, 1, 91.	0.1	6
31	DTCDWT-SMOTE-XGBoost-Based Islanding Detection for Distributed Generation Systems: An Approach of Class-Imbalanced Issue. IEEE Systems Journal, 2022, 16, 2008-2019.	4.6	6
32	Variational mode decomposition <sc>subspaceâ€œnearest neighbour based islanding detection in distributed generation system. International Transactions on Electrical Energy Systems, 2021, 31, e12900.	1.9	6
33	High Impedance Fault Detection based on Mathematical Morphology for Radial Distribution Network. , 2018, , .		5
34	A novel islanding detection technique based on wavelet packet transform. , 2015, , .		3
35	Study of performance of pattern recognition techniques based on wavelet features for Islanding detection in distributed generation. , 2016, , .		3
36	A Novel Distributed Energy Efficient Routing Algorithm Based on Clustering Mechanism in WSN. , 2019, , .		3

#	ARTICLE	IF	CITATIONS
37	Ant Colony Optimization in Data Mining: Critical Perspective from 2015 to 2020. Lecture Notes in Electrical Engineering, 2020, , 361-374.	0.4	3
38	Solar Photo Voltaic Renewal Energy: Analyzing the Effectiveness of Marketing Mix Strategies. Lecture Notes in Electrical Engineering, 2022, , 527-540.	0.4	3
39	A comprehensive micro-grid fault protection scheme based on S-transform and machine learning techniques. International Journal of Advanced Mechatronic Systems, 2017, 7, 274.	0.2	2
40	An Overview of Power System Resilience: Causes, Planning and Restoration Processes. Lecture Notes in Electrical Engineering, 2022, , 555-571.	0.4	2
41	MSA: a task scheduling algorithm for cloud computing. International Journal of Cloud Computing, 2019, 8, 283.	0.3	1
42	A comprehensive micro-grid fault protection scheme based on S-transform and machine learning techniques. International Journal of Advanced Mechatronic Systems, 2017, 7, 274.	0.2	0
43	Power Quality Disturbance Detection and Classification using Stockwell Transform and Pattern Recognition Techniques. , 2022, , .		0
44	Power Quality Assessment in a Microgrid System using Signal Decomposition Techniques. , 2022, , .		0