

Paresh Nayak

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

948
citations

623734

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all docs

42
docs citations

42
times ranked

616
citing authors

#	ARTICLE	IF	CITATIONS
1	A Dual-Time Transform Assisted Intelligent Relaying Scheme for the STATCOM-Compensated Transmission Line Connecting Wind Farm. IEEE Systems Journal, 2022, 16, 2160-2171.	4.6	22
2	An Improved Protection Scheme for DFIG-Based Wind Farm Collector Lines. Electric Power Systems Research, 2022, 211, 108224.	3.6	5
3	A Fault Detection and Classification Scheme for Unified Power Flow Controller Compensated Transmission Lines Connecting Wind Farms. IEEE Systems Journal, 2021, 15, 297-306.	4.6	44
4	A New Approach for Protecting TCSC Compensated Transmission Lines Connected to DFIG-Based Wind Farm. IEEE Transactions on Industrial Informatics, 2021, 17, 5282-5291.	11.3	26
5	Coordinated Power Management and Control of Standalone PV-Hybrid System With Modified IWO-Based MPPT. IEEE Systems Journal, 2021, 15, 3585-3596.	4.6	62
6	Wavelet operated single index based fault detection scheme for transmission line protection with swarm intelligent support. Energy Systems, 2021, 12, 373-392.	3.0	12
7	A Time Varying Filter-EMD Based Intelligent Technique for Protecting UPFC Installed Transmission Line. , 2021, , .		0
8	Transient energy-based combined fault detector and faulted phase selector for distribution networks with distributed generators. International Transactions on Electrical Energy Systems, 2020, 30, e12288.	1.9	4
9	S-Transform Assisted CUSUM Based Protection Strategy for Transmission Lines Possessing UPFC. , 2020, , .		0
10	Swarm Assisted Positive Sequence Current Component based Directional Relaying for Transmission Line Protection. , 2020, , .		2
11	Optimal coordination of directional overcurrent relays in complex distribution networks using sine cosine algorithm. Electric Power Systems Research, 2020, 187, 106435.	3.6	55
12	Modified demagnetisation control strategy for low-voltage ride-through enhancement in DFIG-based wind systems. IET Renewable Power Generation, 2020, 14, 3487-3499.	3.1	9
13	A Novel Fault Detection Technique using wavelet transform During Power swing. , 2019, , .		3
14	Comparative Assessment of Passive Islanding Detection Techniques for Distributed Generations. Lecture Notes in Electrical Engineering, 2019, , 35-49.	0.4	3
15	An unblocking assistance to distance relays protecting TCSC compensated transmission lines during power swing. International Transactions on Electrical Energy Systems, 2019, 29, e12034.	1.9	16
16	Sequence Component-Based Improved Passive Islanding Detection Method for Distribution System with Distributed Generations. International Journal of Emerging Electric Power Systems, 2019, 20, .	0.8	0
17	Detection of three-phase fault during power swing using zero frequency filtering. International Transactions on Electrical Energy Systems, 2019, 29, e2700.	1.9	12
18	Improved power management control strategy for renewable energy-based DC microgrid with energy storage integration. IET Generation, Transmission and Distribution, 2019, 13, 838-849.	2.5	54

#	ARTICLE	IF	CITATIONS
19	A DFT-ED based approach for detection and classification of faults in electric power transmission networks. Ain Shams Engineering Journal, 2019, 10, 171-178.	6.1	33
20	Lagrange interpolating polynomialâ€”based deloading control scheme for variable speed wind turbines. International Transactions on Electrical Energy Systems, 2019, 29, e2824.	1.9	7
21	Highâ€”impedance fault detection in electrical power distribution systems using moving sum approach. IET Science, Measurement and Technology, 2018, 12, 1-8.	1.6	48
22	Stateâ€”ofâ€”theâ€”art on the protection of FACTS compensated highâ€”voltage transmission lines: a review. High Voltage, 2018, 3, 21-30.	4.7	51
23	A Mixed Strategy Approach for Fault Detection During Power Swing in Transmission Lines. Advances in Intelligent Systems and Computing, 2018, , 597-607.	0.6	5
24	A State-of-the-Art Review on Synchrophasor Applications to Power Network Protection. Lecture Notes in Electrical Engineering, 2018, , 531-541.	0.4	2
25	Novel Topology of Multi-level Inverter for higher Voltage Steps. , 2018, , .		3
26	Generalized Symmetrical/Asymmetrical Single-phase MLI Topology. , 2018, , .		3
27	N-Level Cascade Multilevel Converter with optimum number of switches. , 2018, , .		4
28	Superimposed Component-Based Protection Scheme for UPFC Compensated Transmission Lines. , 2018, , .		7
29	A Novel wavelet Technique for fault detection in Transmission line during Power Swing. , 2018, , .		1
30	Performance assessment of swarm-assisted mean error estimation-based fault detection technique for transmission line protection. Computers and Electrical Engineering, 2018, 71, 115-128.	4.8	28
31	A passive islanding detection technique for distributed generations. , 2017, , .		11
32	A novel high impedance fault detection technique in distribution systems with distributed generators. , 2016, , .		13
33	A comparative study of DFT and Moving Window Averaging technique of current differential protection on Transmission line. , 2016, , .		11
34	The performance evaluation of distance protection for transmission lines possessing TCSC. , 2016, , .		1
35	A Three-Terminal Line Protection Scheme Immune to Power Swing. IEEE Transactions on Power Delivery, 2016, 31, 999-1006.	4.3	26
36	An extensive review on the state-of-art on microgrid protection. , 2015, , .		8

#	ARTICLE	IF	CITATIONS
37	Secured zone 3 protection during stressed condition. , 2015, , .		0
38	Secured Zone 3 Protection During Stressed Condition. IEEE Transactions on Power Delivery, 2015, 30, 89-96.	4.3	78
39	Wide-Area Measurement-Based Backup Protection for Power Network With Series Compensation. IEEE Transactions on Power Delivery, 2014, 29, 1970-1977.	4.3	140
40	A Fault Detection Technique for the Series-Compensated Line During Power Swing. IEEE Transactions on Power Delivery, 2013, 28, 714-722.	4.3	118
41	Detecting fault during power swing for a series compensated line. , 2011, , .		15
42	Investigations on Voltages and Currents in Lightning Protection Schemes Involving Single Tower. IEEE Transactions on Electromagnetic Compatibility, 2005, 47, 543-551.	2.2	6