Paresh Nayak

List of Publications by Year
in descending order

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42	948	623734	580821
papers	citations	14 h-index	25 g-index

42	42	42	616
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Wide-Area Measurement-Based Backup Protection for Power Network With Series Compensation. IEEE Transactions on Power Delivery, 2014, 29, 1970-1977.	4.3	140
2	A Fault Detection Technique for the Series-Compensated Line During Power Swing. IEEE Transactions on Power Delivery, 2013, 28, 714-722.	4.3	118
3	Secured Zone 3 Protection During Stressed Condition. IEEE Transactions on Power Delivery, 2015, 30, 89-96.	4.3	78
4	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
5	Optimal coordination of directional overcurrent relays in complex distribution networks using sine cosine algorithm. Electric Power Systems Research, 2020, 187, 106435.	3.6	55
6	Improved power management control strategy for renewable energyâ€based DC microâ€grid with energy storage integration. IET Generation, Transmission and Distribution, 2019, 13, 838-849.	2.5	54
7	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
8	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
9	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
10	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
11	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
12	A Three-Terminal Line Protection<?Pub _newline ?>Scheme Immune to Power Swing. IEEE Transactions on Power Delivery, 2016, 31, 999-1006.	4.3	26
13	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
14	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
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	Detecting fault during power swing for a series compensated line. , 2011, , .		15
17	A novel high impedance fault detection technique in distribution systems with distributed generators. , 2016, , .		13
18	Detection of three-phase fault during power swing using zero frequency filtering. International Transactions on Electrical Energy Systems, 2019, 29, e2700.	1.9	12

#	Article	IF	Citations
19	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
20	A comparative study of DFT and Moving Window Averaging technique of current differential protection on Transmission line. , 2016, , .		11
21	A passive islanding detection technique for distributed generations. , 2017, , .		11
22	Modified demagnetisation control strategy for lowâ€voltage rideâ€through enhancement in DFIGâ€based wind systems. IET Renewable Power Generation, 2020, 14, 3487-3499.	3.1	9
23	An extensive review on the state-of-art on microgrid protection. , 2015, , .		8
24	Superimposed Component-Based Protection Scheme for UPFC Compensated Transmission Lines. , 2018, , .		7
25	Lagrange interpolating polynomialâ€“based deloading control scheme for variable speed wind turbines. International Transactions on Electrical Energy Systems, 2019, 29, e2824.	1.9	7
26	Investigations on Voltages and Currents in Lightning Protection Schemes Involving Single Tower. IEEE Transactions on Electromagnetic Compatibility, 2005, 47, 543-551.	2.2	6
27	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
28	An Improved Protection Scheme for DFIG-Based Wind Farm Collector Lines. Electric Power Systems Research, 2022, 211, 108224.	3.6	5
29	N-Level Cascade Multilevel Converter with optimum number of switches. , 2018, , .		4
30	Transient energyâ€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
31	Novel Topology of Multi-level Inverter for higher Voltage Steps. , 2018, , .		3
32	Generalized Symmetrical/Asymmetrical Single-phase MLI Topology. , 2018, , .		3
33	A Novel Fault Detection Technique using wavelet transform During Power swing. , 2019, , .		3
34	Comparative Assessment of Passive Islanding Detection Techniques for Distributed Generations. Lecture Notes in Electrical Engineering, 2019, , 35-49.	0.4	3
35	A State-of-the-Art Review on Synchrophasor Applications to Power Network Protection. Lecture Notes in Electrical Engineering, 2018, , 531-541.	0.4	2
36	Swarm Assisted Positive Sequence Current Component based Directional Relaying for Transmission Line Protection. , 2020, , .		2

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37	The performance evaluation of distance protection for transmission lines possessing TCSC. , 2016, , .		1
38	A Novel wavelet Technique for fault detection in Transmission line during Power Swing. , 2018, , .		1
39	Secured zone 3 protection during stressed condition. , 2015, , .		0
40	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
41	S-Transform Assisted CUSUM Based Protection Strategy for Transmission Lines Possessing UPFC. , 2020, , .		0
42	A Time Varying Filter-EMD Based Intelligent Technique for Protecting UPFC Installed Transmission Line. , 2021, , .		0