Sandeep Biswal

List of Publications by Year
in descending order

17 papers	236 citations	1163117 8 h-index	1281871 11 g-index
17 all docs	17 docs citations	17 times ranked	185 citing authors

#	Article	IF	Citations
1	Hilbert Huang Transform Based Online Differential Relay Algorithm for a Shunt-Compensated Transmission Line. IEEE Transactions on Power Delivery, 2018, 33, 2803-2811.	4.3	56
2	Optimal power dispatch using BAT algorithm. , 2013, , .		39
3	Islanding detection in distributed generation system using intrinsic time decomposition. IET Generation, Transmission and Distribution, 2019, 13, 626-633.	2.5	32
4	Fault‐swing discrimination using Hilbert–Huang transform integrated discrete teager energy operator. IET Science, Measurement and Technology, 2018, 12, 829-837.	1.6	27
5	Detection of current transformer saturation phenomenon for secured operation of smart power network. Electric Power Systems Research, 2019, 175, 105926.	3.6	14
6	A positive-sequence current based directional relaying approach for CCVT subsidence transient condition. Protection and Control of Modern Power Systems, 2017, 2, .	7.5	13
7	Amplitude based directional relaying scheme for UPFC compensated line during single pole tripping. Electric Power Systems Research, 2020, 184, 106290.	3.6	11
8	Study of the Impact of Switching Transient Overvoltages on Ferroresonance of CCVT in Series and Shunt Compensated Power Systems. IEEE Transactions on Industrial Informatics, 2020, 16, 5032-5041.	11.3	10
9	An adaptive algorithm to prevent distance relay overreach during CCVT transient. Electric Power Systems Research, 2018, 160, 362-371.	3.6	9
10	Kullback‐Leibler divergence based differential protection scheme for shunt compensated transmission line. IET Generation, Transmission and Distribution, 2021, 15, 1808-1819.	2.5	7
11	Integrated Wide-Area Backup Protection Algorithm During Stressed Power System Condition in Presence of Wind Farm. Arabian Journal for Science and Engineering, 2021, 46, 9363-9376.	3.0	5
12	Adaptive distance relay algorithm for shunt compensated transmission line. , 2016, , .		4
13	Algorithm for CT Saturation Detection with the Presence of Noise. , 2018, , .		3
14	Synchronous Generator Out-of-Step Protection Based on Savitzky-Golay Filtering Technique. , 2021, , .		3
15	Taylor series based protection starting element for STATCOM compensated transmission line. Electric Power Systems Research, 2022, 204, 107700.	3.6	2
16	A Time-Frequency Algorithm for CT Saturation Detection in the Presence of Noise. , 2021, , .		1
17	Intrinsic time decomposition based differential protection with adaptive threshold for UPFC compensated transmission line. International Journal of Emerging Electric Power Systems, 2021, .	0.8	0