

# Yew Ming Yeap

## List of Publications by Year in descending order

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25  
papers

630  
citations

1307594

7  
h-index

1372567

10  
g-index

25  
all docs

25  
docs citations

25  
times ranked

489  
citing authors

#	ARTICLE	IF	CITATIONS
1	Short-Time Fourier Transform Based Transient Analysis of VSC Interfaced Point-to-Point DC System. IEEE Transactions on Industrial Electronics, 2018, 65, 4080-4091.	7.9	140
2	Experimental Validation of Fault Identification in VSC-Based DC Grid System. IEEE Transactions on Industrial Electronics, 2018, 65, 4799-4809.	7.9	81
3	Time- and Frequency-Domain Fault Detection in a VSC-Interfaced Experimental DC Test System. IEEE Transactions on Industrial Informatics, 2018, 14, 4353-4364.	11.3	75
4	Analysis and validation of wavelet transform based DC fault detection in HVDC system. Applied Soft Computing Journal, 2017, 61, 17-29.	7.2	63
5	Comparative evaluation of power loss in HVAC and HVDC transmission systems. , 2016, , .		39
6	Fault detection in HVDC system using Short Time Fourier Transform. , 2016, , .		34
7	Capacitive discharge based transient analysis with fault detection methodology in DC system. International Journal of Electrical Power and Energy Systems, 2018, 97, 127-137.	5.5	33
8	Wavelet based fault analysis in HVDC system. , 2014, , .		32
9	Improved S Transform-Based Fault Detection Method in Voltage Source Converter Interfaced DC System. IEEE Transactions on Industrial Electronics, 2021, 68, 5024-5035.	7.9	31
10	Simulation and analysis of faults in high voltage DC (HVDC) power transmission. , 2014, , .		28
11	Hilbertâ€“Huang Transform Based Transient Analysis in Voltage Source Converter Interfaced Direct Current System. IEEE Transactions on Industrial Electronics, 2021, 68, 11014-11025.	7.9	19
12	Fault location estimation for VSC-HVDC system using Artificial Neural Network. , 2016, , .		12
13	Differentiation of fault and load change in HVDC system using Amplitude Tracking Square Wave. , 2015, , .		10
14	STFT analysis of high frequency components in transient signals in multi-terminal HVDC system. , 2016, , .		10
15	Power systems frequency estimation using amplitude tracking square wave for low-end protective relays. Measurement: Journal of the International Measurement Confederation, 2019, 141, 70-84.	5.0	6
16	Fault identification in AC and DC systems using stft analysis of high frequency components. , 2017, , .		5
17	Circulating current controller in dq reference frame for MMC based HVDC system. , 2016, , .		4
18	Fault and load change differentiation in High Voltage Direct Current (HVDC) system. , 2016, , .		4

#	ARTICLE	IF	CITATIONS
19	Frequency-Domain Based Fault Detection: Application of Short-Time Fourier Transform. Power Systems, 2020, , 195-221.	0.5	3
20	Design of Experiment and Fault Studies. Power Systems, 2020, , 325-354.	0.5	1
21	Modelling and Analytics of Driving-related Energy Performance of Electric Vehicles. , 2019, , .		0
22	Analysis of Driving Behavior's Impact on Battery Discharge Rate for Electric Vehicles. , 2019, , .		0
23	Non-unit Protection Strategies for DC Power Systems. Power Systems, 2020, , 243-270.	0.5	0
24	Introduction to DC Grid. Power Systems, 2020, , 1-37.	0.5	0
25	Fault Isolation in DC Grids. Power Systems, 2020, , 303-324.	0.5	0