

# Mohd Fairouz Mohd Yousof

## List of Publications by Year in descending order

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34  
papers

554  
citations

1163117

8  
h-index

940533

16  
g-index

35  
all docs

35  
docs citations

35  
times ranked

546  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of the impact of a standard lightning impulse on the structure of an 11/0.415 kV distribution transformer. <i>Electric Power Systems Research</i> , 2022, 202, 107588.	3.6	1
2	Application of Frequency Response Analysis Method to Detect Short-Circuit Faults in Three-Phase Induction Motors. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2046.	2.5	7
3	Classification of Fault and Stray Gassing in Transformer by Using Duval Pentagon and Machine Learning Algorithms. <i>Arabian Journal for Science and Engineering</i> , 2022, 47, 14355-14364.	3.0	0
4	Understanding the Influence of Power Transformer Faults on the Frequency Response Signature Using Simulation Analysis and Statistical Indicators. <i>IEEE Access</i> , 2021, 9, 70935-70947.	4.2	21
5	Interpretation of Frequency Response Analysis for Fault Detection in Power Transformers. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2923.	2.5	15
6	Application of Frequency Response Analysis Technique to Detect Transformer Tap Changer Faults. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3128.	2.5	7
7	The Effect of Tap Changer Coking and Pitting on Frequency Response Analysis Measurement of Transformer. , 2021, , .		1
8	Classification of Partial Discharges in Insulation Materials via Support Vector Machine and Discrete Wavelet Transform. , 2021, , .		1
9	Fault Identification in Power Transformers Using Dissolve Gas Analysis and Support Vector Machine. , 2021, , .		4
10	Optimization of Grading Ring Design for Metal Oxide Arrester Using Gravitational Search Algorithm. , 2021, , .		1
11	FRA Indicator Limit for Faulty Winding Assessment in Rotating Machine. , 2021, , .		4
12	Corona Ring Design Impact on the Electric Field Distribution Surrounding an Insulator String. , 2021, , .		0
13	Risk Assessment of Polluted Glass Insulator Using Leakage Current Index Under Different Operating Conditions. <i>IEEE Access</i> , 2020, 8, 175827-175839.	4.2	36
14	Extraction of winding parameters for 33/11 kV, 30 MVA transformer based on finite element method for frequency response modelling. <i>PLoS ONE</i> , 2020, 15, e0236409.	2.5	7
15	Frequency response analysis for transformer tap changer damage detection. <i>International Journal of Power Electronics and Drive Systems</i> , 2020, 11, 350.	0.6	7
16	Interpretation of sweep frequency response analysis traces on inter-turn short circuit fault. <i>International Journal of Power Electronics and Drive Systems</i> , 2020, 11, 309.	0.6	0
17	The effect of short circuit fault in three-phase core-typed transformer. <i>International Journal of Power Electronics and Drive Systems</i> , 2020, 11, 409.	0.6	0
18	Effect of shield placement for transient voltage mitigation due to switching surges in a 33/11 kV transformer windings. <i>PLoS ONE</i> , 2020, 15, e0240368.	2.5	0

#	ARTICLE	IF	CITATIONS
19	Simulation Studies on MOV Protection Configurations in Low Voltage AC Power Circuits using ATP. , 2020, , .		2
20	Investigation on the Resonant Oscillations in an 11 kV Distribution Transformer under Standard and Chopped Lightning Impulse Overvoltages with Different Shield Placement Configurations. Energies, 2019, 12, 1466.	3.1	4
21	Modeling frequency response of transformer winding to investigate the influence of RLC. Indonesian Journal of Electrical Engineering and Computer Science, 2019, 14, 219.	0.8	9
22	The effect of insulator geometrical profile on electric field distributions. Indonesian Journal of Electrical Engineering and Computer Science, 2019, 14, 618.	0.8	7
23	Investigation on the Transient Voltage in a 11 kV Transformer Under Lightning Surges. , 2018, , .		0
24	Investigation of the Effect of Winding Clamping Structure on Frequency Response Signature of 11 kV Distribution Transformer. Energies, 2018, 11, 2307.	3.1	10
25	Using Absolute Average Difference (DABS) in Interpreting the Frequency Response of Distribution Transformer. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012144.	0.6	2
26	Comparison of Constraints Handling Methods for Economic Load Dispatch Problem using Particle Swarm Optimization Algorithm. International Journal on Advanced Science, Engineering and Information Technology, 2017, 7, 1322.	0.4	6
27	An investigation on the influence of tap changer on Frequency Response Analysis. , 2015, , .		7
28	Examining the ageing of transformer insulation using FRA and FDS techniques. IEEE Transactions on Dielectrics and Electrical Insulation, 2015, 22, 1258-1265.	2.9	33
29	Frequency response analysis to investigate deformation of transformer winding. IEEE Transactions on Dielectrics and Electrical Insulation, 2015, 22, 2359-2367.	2.9	41
30	Investigating the sensitivity of frequency response analysis on transformer winding structure. , 2014, , .		3
31	Study of transformer winding deformation by frequency response analysis. , 2013, , .		3
32	A study on suitability of different transformer winding models for frequency response analysis. , 2012, , .		6
33	Performance analysis of hybrid photovoltaic/diesel energy system under Malaysian conditions. Energy, 2010, 35, 3245-3255.	8.8	297
34	Performance analysis of modified shifted current method for surge arrester condition monitoring. , 2010, , .		12