

Mohd Fairouz Mohd Yousof

List of Publications by Year in descending order

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34
papers

554
citations

1163117

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940533

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g-index

35
all docs

35
docs citations

35
times ranked

546
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance analysis of hybrid photovoltaic/diesel energy system under Malaysian conditions. Energy, 2010, 35, 3245-3255.	8.8	297
2	Frequency response analysis to investigate deformation of transformer winding. IEEE Transactions on Dielectrics and Electrical Insulation, 2015, 22, 2359-2367.	2.9	41
3	Risk Assessment of Polluted Glass Insulator Using Leakage Current Index Under Different Operating Conditions. IEEE Access, 2020, 8, 175827-175839.	4.2	36
4	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
5	Understanding the Influence of Power Transformer Faults on the Frequency Response Signature Using Simulation Analysis and Statistical Indicators. IEEE Access, 2021, 9, 70935-70947.	4.2	21
6	Interpretation of Frequency Response Analysis for Fault Detection in Power Transformers. Applied Sciences (Switzerland), 2021, 11, 2923.	2.5	15
7	Performance analysis of modified shifted current method for surge arrester condition monitoring. , 2010, , .		12
8	Investigation of the Effect of Winding Clamping Structure on Frequency Response Signature of 11 kV Distribution Transformer. Energies, 2018, 11, 2307.	3.1	10
9	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
10	An investigation on the influence of tap changer on Frequency Response Analysis. , 2015, , .		7
11	Extraction of winding parameters for 33/11 kV, 30 MVA transformer based on finite element method for frequency response modelling. PLoS ONE, 2020, 15, e0236409.	2.5	7
12	Application of Frequency Response Analysis Technique to Detect Transformer Tap Changer Faults. Applied Sciences (Switzerland), 2021, 11, 3128.	2.5	7
13	Frequency response analysis for transformer tap changer damage detection. International Journal of Power Electronics and Drive Systems, 2020, 11, 350.	0.6	7
14	The effect of insulator geometrical profile on electric field distributions. Indonesian Journal of Electrical Engineering and Computer Science, 2019, 14, 618.	0.8	7
15	Application of Frequency Response Analysis Method to Detect Short-Circuit Faults in Three-Phase Induction Motors. Applied Sciences (Switzerland), 2022, 12, 2046.	2.5	7
16	A study on suitability of different transformer winding models for frequency response analysis. , 2012, , .		6
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Fault Identification in Power Transformers Using Dissolve Gas Analysis and Support Vector Machine. , 2021, , .		4
20	FRA Indicator Limit for Faulty Winding Assessment in Rotating Machine. , 2021, , .		4
21	Study of transformer winding deformation by frequency response analysis. , 2013, , .		3
22	Investigating the sensitivity of frequency response analysis on transformer winding structure. , 2014, , .		3
23	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
24	Simulation Studies on MOV Protection Configurations in Low Voltage AC Power Circuits using ATP. , 2020, , .		2
25	The Effect of Tap Changer Coking and Pitting on Frequency Response Analysis Measurement of Transformer. , 2021, , .		1
26	Classification of Partial Discharges in Insulation Materials via Support Vector Machine and Discrete Wavelet Transform. , 2021, , .		1
27	Optimization of Grading Ring Design for Metal Oxide Arrester Using Gravitational Search Algorithm. , 2021, , .		1
28	Investigation of the impact of a standard lightning impulse on the structure of an 11/0.415kV distribution transformer. Electric Power Systems Research, 2022, 202, 107588.	3.6	1
29	Investigation on the Transient Voltage in a 11 kV Transformer Under Lightning Surges. , 2018, , .		0
30	Corona Ring Design Impact on the Electric Field Distribution Surrounding an Insulator String. , 2021, , .		0
31	Interpretation of sweep frequency response analysis traces on inter-turn short circuit fault. International Journal of Power Electronics and Drive Systems, 2020, 11, 309.	0.6	0
32	The effect of short circuit fault in three-phase core-typed transformer. International Journal of Power Electronics and Drive Systems, 2020, 11, 409.	0.6	0
33	Effect of shield placement for transient voltage mitigation due to switching surges in a 33/11 kV transformer windings. PLoS ONE, 2020, 15, e0240368.	2.5	0
34	Classification of Fault and Stray Gassing in Transformer by Using Duval Pentagon and Machine Learning Algorithms. Arabian Journal for Science and Engineering, 2022, 47, 14355-14364.	3.0	0