

Ali Ahmed Ali Salem

List of Publications by Year in descending order

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29
docs citations

29
times ranked

178
citing authors

#	ARTICLE	IF	CITATIONS
1	A Survey of Free Space Optics (FSO) Communication Systems, Links, and Networks. IEEE Access, 2021, 9, 7353-7373.	4.2	100
2	Pollution Flashover Under Different Contamination Profiles on High Voltage Insulator: Numerical and Experiment Investigation. IEEE Access, 2021, 9, 37800-37812.	4.2	40
3	The Leakage Current Components as a Diagnostic Tool to Estimate Contamination Level on High Voltage Insulators. IEEE Access, 2020, , 1-1.	4.2	37
4	Risk Assessment of Polluted Glass Insulator Using Leakage Current Index Under Different Operating Conditions. IEEE Access, 2020, 8, 175827-175839.	4.2	36
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	Pollution Flashover Characteristics of Coated Insulators under Different Profiles of Coating Damage. Coatings, 2021, 11, 1194.	2.6	18
7	Interpretation of Frequency Response Analysis for Fault Detection in Power Transformers. Applied Sciences (Switzerland), 2021, 11, 2923.	2.5	15
8	Factors and models of pollution flashover on high voltage outdoor insulators: Review. , 2017, , .		14
9	A Review of the Dynamic Modelling of Pollution Flashover on High Voltage Outdoor Insulators. Journal of Physics: Conference Series, 2018, 1049, 012019.	0.4	12
10	An alternative approaches to predict flashover voltage on polluted outdoor insulators using artificial intelligence techniques. Bulletin of Electrical Engineering and Informatics, 2020, 9, .	0.8	11
11	Field-Dependent Pollution Model under Polluted Environments for Outdoor Polymeric Insulators. Polymers, 2022, 14, 516.	4.5	11
12	Polymeric Insulator Conditions Estimation by Using Leakage Current Characteristics Based on Simulation and Experimental Investigation. Polymers, 2022, 14, 737.	4.5	10
13	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
14	Proposal of a dynamic numerical approach in predicting flashover critical voltage. International Journal of Power Electronics and Drive Systems, 2018, 10, 602.	0.6	9
15	A New Flashover Prediction on Outdoor Polluted Insulator Using Leakage Current Harmonic Components. , 2018, , .		8
16	Pollution Flashover Voltage of Transmission Line Insulators: Systematic Review of Experimental Works. IEEE Access, 2022, 10, 10416-10444.	4.2	8
17	Pollution Flashover Characteristics of High-Voltage Outdoor Insulators: Analytical Study. Arabian Journal for Science and Engineering, 2022, 47, 2711-2729.	3.0	7
18	Frequency response analysis for transformer tap changer damage detection. International Journal of Power Electronics and Drive Systems, 2020, 11, 350.	0.6	7

#	ARTICLE	IF	CITATIONS
19	The effect of insulator geometrical profile on electric field distributions. Indonesian Journal of Electrical Engineering and Computer Science, 2019, 14, 618.	0.8	7
20	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
21	Investigation of High Voltage Polymeric Insulators Performance under Wet Pollution. Polymers, 2022, 14, 1236.	4.5	7
22	Evaluating the Pressure and Loss Behavior in Water Pipes Using Smart Mathematical Modelling. Water (Switzerland), 2021, 13, 3500.	2.7	7
23	Artificial Intelligence Techniques for Predicting the Flashover Voltage on Polluted Cup-Pin Insulators. Advances in Intelligent Systems and Computing, 2020, , 362-372.	0.6	6
24	Classifying insulator conditions of room temperature vulcanized coated glass insulators under different coating damage modes. Measurement: Journal of the International Measurement Confederation, 2022, 194, 111032.	5.0	3
25	Performance Evaluation of Multiple-Beam Free Space Optics in Tropical Rainy Weather. , 2021, , .		2
26	Modelling Of Grid Connected Photovoltaic System. , 2021, , .		2
27	New Approach for Monitoring Contamination Level on Outdoor Insulator Based on Harmonics Components of the Leakage Current. , 2021, , .		1
28	Effect of Pollution Distribution Scenarios on Flashover Characteristics on Outdoor Insulators. , 2020, , .		1
29	Flashover Voltage Prediction on Polluted Cup-Pin the Insulators Under Polluted Conditions. Lecture Notes in Electrical Engineering, 2021, , 1053-1065.	0.4	0