

# Ali Ahmed Ali Salem

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

416  
citations

933447

10  
h-index

794594

19  
g-index

29  
all docs

29  
docs citations

29  
times ranked

178  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pollution Flashover Characteristics of High-Voltage Outdoor Insulators: Analytical Study. Arabian Journal for Science and Engineering, 2022, 47, 2711-2729.	3.0	7
2	Field-Dependent Pollution Model under Polluted Environments for Outdoor Polymeric Insulators. Polymers, 2022, 14, 516.	4.5	11
3	Pollution Flashover Voltage of Transmission Line Insulators: Systematic Review of Experimental Works. IEEE Access, 2022, 10, 10416-10444.	4.2	8
4	Polymeric Insulator Conditions Estimation by Using Leakage Current Characteristics Based on Simulation and Experimental Investigation. Polymers, 2022, 14, 737.	4.5	10
5	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
6	Investigation of High Voltage Polymeric Insulators Performance under Wet Pollution. Polymers, 2022, 14, 1236.	4.5	7
7	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
8	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
9	Pollution Flashover Under Different Contamination Profiles on High Voltage Insulator: Numerical and Experiment Investigation. IEEE Access, 2021, 9, 37800-37812.	4.2	40
10	Interpretation of Frequency Response Analysis for Fault Detection in Power Transformers. Applied Sciences (Switzerland), 2021, 11, 2923.	2.5	15
11	Performance Evaluation of Multiple-Beam Free Space Optics in Tropical Rainy Weather. , 2021, , .		2
12	New Approach for Monitoring Contamination Level on Outdoor Insulator Based on Harmonics Components of the Leakage Current. , 2021, , .		1
13	Pollution Flashover Characteristics of Coated Insulators under Different Profiles of Coating Damage. Coatings, 2021, 11, 1194.	2.6	18
14	A Survey of Free Space Optics (FSO) Communication Systems, Links, and Networks. IEEE Access, 2021, 9, 7353-7373.	4.2	100
15	Flashover Voltage Prediction on Polluted Cup-Pin the Insulators Under Polluted Conditions. Lecture Notes in Electrical Engineering, 2021, , 1053-1065.	0.4	0
16	Modelling Of Grid Connected Photovoltaic System. , 2021, , .		2
17	Evaluating the Pressure and Loss Behavior in Water Pipes Using Smart Mathematical Modelling. Water (Switzerland), 2021, 13, 3500.	2.7	7
18	Risk Assessment of Polluted Glass Insulator Using Leakage Current Index Under Different Operating Conditions. IEEE Access, 2020, 8, 175827-175839.	4.2	36

#	ARTICLE	IF	CITATIONS
19	The Leakage Current Components as a Diagnostic Tool to Estimate Contamination Level on High Voltage Insulators. IEEE Access, 2020, , 1-1.	4.2	37
20	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
21	Frequency response analysis for transformer tap changer damage detection. International Journal of Power Electronics and Drive Systems, 2020, 11, 350.	0.6	7
22	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
23	Effect of Pollution Distribution Scenarios on Flashover Characteristics on Outdoor Insulators. , 2020, , .		1
24	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
25	The effect of insulator geometrical profile on electric field distributions. Indonesian Journal of Electrical Engineering and Computer Science, 2019, 14, 618.	0.8	7
26	A New Flashover Prediction on Outdoor Polluted Insulator Using Leakage Current Harmonic Components. , 2018, , .		8
27	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
28	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
29	Factors and models of pollution flashover on high voltage outdoor insulators: Review. , 2017, , .		14