

A J Amalanathan

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Impact of DBDS and Silver Sulfide on the Performance of Thermally Aged Mineral oil Impregnated Pressboard Material. IEEE Access, 2022, 10, 9618-9627.	4.2	3
2	Impact of Surfactants on the Electrical and Rheological Aspects of Silica Based Synthetic Ester Nanofluids. IEEE Access, 2022, 10, 18192-18200.	4.2	11
3	Fuzzy based condition monitoring tool for realtime analysis of synthetic ester fluid as transformer insulant. IEEE Access, 2022, , 1-1.	4.2	2
4	Modeling of Spinning Disc System for Charging Tendency of Ester-Based TiO ₂ Nanofluids Along with its Interfacial Zone. IEEE Transactions on Dielectrics and Electrical Insulation, 2022, , 1-1.	2.9	1
5	Experimental Study and ANN Analysis of Rheological Behavior of Mineral Oil-Based SiO ₂ Nanofluids. IEEE Transactions on Dielectrics and Electrical Insulation, 2022, 29, 956-964.	2.9	8
6	Impact of adding activated bentonite to thermally aged ester-based TiO ₂ nanofluids on insulation performance. IET Nanodielectrics, 2021, 4, 63-74.	4.1	7
7	Investigation on Impact of Magnetic Field on the Corona Discharge Activity in Punga Oil Using Fluorescent Fiber and UHF Sensor Techniques. IEEE Access, 2021, 9, 129218-129228.	4.2	14
8	Impact of Benzotriazole on the Degradation Performance of Ester Fluid. , 2021, , .		3
9	Investigation on flow electrification of ester-based TiO ₂ nanofluids. IEEE Transactions on Dielectrics and Electrical Insulation, 2020, 27, 1492-1500.	2.9	32
10	Investigation on the performance of thermally aged natural ester fluid impregnated pressboard material. IEEE Transactions on Dielectrics and Electrical Insulation, 2020, 27, 1578-1586.	2.9	6