A J Amalanathan

List of Publications by Year
in descending order

10	88	1478505 6	1474206 9
papers	citations	h-index	g-index

11	11	11	42
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Investigation on flow electrification of ester-based TiO₂nanofluids. IEEE Transactions on Dielectrics and Electrical Insulation, 2020, 27, 1492-1500.	2.9	32
2	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
3	Impact of Surfactants on the Electrical and Rheological Aspects of Silica Based Synthetic Ester Nanofluids. IEEE Access, 2022, 10, 18192-18200.	4.2	11
4	Experimental Study and ANN Analysis of Rheological Behavior of Mineral Oil-Based SiO₂ Nanofluids. IEEE Transactions on Dielectrics and Electrical Insulation, 2022, 29, 956-964.	2.9	8
5	Impact of adding activated bentonite to thermally aged esterâ€based TiO₂nanofluids on insulation performance. IET Nanodielectrics, 2021, 4, 63-74.	4.1	7
6	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
7	Impact of Benzotriazole on the Degradation Performance of Ester Fluid. , 2021, , .		3
8	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
9	Fuzzy based condition monitoring tool for realtime analysis of synthetic ester fluid as transformer insulant. IEEE Access, 2022, , 1-1.	4.2	2
10	Modeling of Spinning Disc System for Charging Tendency of Ester-Based TiO2 Nanofluids Along with its Interfacial Zone. IEEE Transactions on Dielectrics and Electrical Insulation, 2022, , 1-1.	2.9	1