

# DrSenthil Kumar Subburaj

## List of Publications by Year in descending order

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12  
papers

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citations

1307594

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1474206

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docs citations

12  
times ranked

167  
citing authors

#	ARTICLE	IF	CITATIONS
1	Power Quality Improvement in Solar Fed Cascaded Multilevel Inverter With Output Voltage Regulation Techniques. IEEE Access, 2020, 8, 178360-178371.	4.2	42
2	A comparative investigation on effects of nanoparticles on characteristics of natural esters-based nanofluids. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 556, 30-36.	4.7	41
3	Effect of antioxidants on critical properties of natural esters for liquid insulations. IEEE Transactions on Dielectrics and Electrical Insulation, 2016, 23, 2068-2078.	2.9	23
4	Fuzzy Logic Control for Solar PV Fed Modular Multilevel Inverter Towards Marine Water Pumping Applications. IEEE Access, 2021, 9, 88524-88534.	4.2	23
5	Reclamation of natural esters using nanocarriers as the biodegradable choice for the transformer insulation. Environmental Technology and Innovation, 2021, 23, 101634.	6.1	20
6	Investigations on the suitability of rice bran oil and corn oil as alternative insulating liquids for transformers. IEEJ Transactions on Electrical and Electronic Engineering, 2016, 11, 10-14.	1.4	15
7	Analysis of vegetable liquid insulating medium for applications in high voltage transformers. , 2014, , .		14
8	Evaluating critical characteristics of vegetable oil as a biodegradable insulating oil for transformer. International Journal of Emerging Electric Power Systems, 2020, 21, .	0.8	12
9	Analysis of critical parameters of vegetable oil as an alternate dielectric fluid to mineral oil. , 2016, , .		11
10	Investigation on mixed insulating fluids with nano fluids and antioxidants. , 2014, , .		5
11	Investigation on the Properties of Natural Esters Blended with Mineral Oil and Pyrolysis Oil as Liquid Insulation for High Voltage Transformers. Lecture Notes in Electrical Engineering, 2018, , 187-196.	0.4	5
12	Experimental Investigation on Room Temperature Vulcanised Silicone rubber and Epoxy resin coated porcelain outdoor insulators located at highly polluted environment. Journal of Ceramic Processing Research, 2020, 21, 14-20.	0.4	1