

Niharika Baruah

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3518678/publications.pdf>

Version: 2024-02-01

20
papers

141
citations

1937685

4
h-index

1872680

6
g-index

21
all docs

21
docs citations

21
times ranked

85
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative Effect of Aging Duration on Dielectric Parameters Based on Frequency Response. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-9.	4.7	10
2	Electrohydrodynamics Analysis of Dielectric 2D Nanofluids. Nanomaterials, 2022, 12, 1489.	4.1	4
3	Analysis of electric field in liquid dielectric on addition of nanoparticles. Materials Today: Proceedings, 2021, 43, 3603-3609.	1.8	2
4	Study of magnetic properties of mineral oil based nanofluids. , 2021, , .		0
5	Implementation of Self-Organizing Map and Logistic Regression in Dissolved Gas Analysis of Transformer oils. , 2021, , .		3
6	Correlating UV Visible Spectral Response and Thermal Ageing of Blended Transformer Oil. , 2021, , .		2
7	Comparison of Magnetic Nature of Vegetable Oil based Nanofluids. , 2021, , .		1
8	Influence of Concentration of Nanoparticles on the Dielectric Frequency Response of an Insulating Nanofluid. , 2021, , .		0
9	Dissolved Gas Analysis (DGA) of Thermally Aged Blended Transformer Oil. , 2020, , .		3
10	Performance analysis of vegetable oil based nanofluids used in transformers. IET Science, Measurement and Technology, 2019, 13, 995-1002.	1.6	21
11	Nanoparticle Polarization Effect on the Permittivity of the Dielectric Liquid. , 2019, , .		3
12	Condition Assessment of Aged Ester-Based Nanofluid Through Physicochemical and Spectroscopic Measurement. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 4853-4863.	4.7	36
13	Insulation Monitoring of Oxidative Aged Nonedible Ester Based Dielectric Fluid by Suitable Dissolved Gas Analysis. , 2019, , .		1
14	Investigation of thermal conductivity of semiconducting nanofluid for transformer. , 2019, , .		2
15	Behavioural assessment of aged natural ester based nanofluid using statistical technique. , 2019, , .		4
16	Investigation of the Electric Field variation on surface of nanoparticle added to transformer oil. , 2018, , .		5
17	Nanofluid and Transformer Oil Impregnated Aged Kraft Paper: Analysis of its Mechanical Strength. , 2018, , .		2
18	Enhancement of Heat Transfer property in Insulating fluids using Nanoparticles. , 2018, , .		5

#	ARTICLE	IF	CITATIONS
19	Effect of oxidative ageing on the thermophysical and electrical properties of the nanofluid with statistical analysis of AC breakdown voltage. IET Science, Measurement and Technology, 2018, 12, 1074-1081.	1.6	14
20	Comparative study of mechanical and electrical strength of kraft paper in nanofluid based transformer oil and mineral oil. , 2017, , .		23