

Saurabh Dutta

List of Publications by Year in descending order

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9
docs citations

9
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citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of measurement temperature on power transformer insulation diagnosis using frequency domain spectroscopy. IET Science, Measurement and Technology, 2017, 11, 773-779.	1.6	27
2	Use of Interfacial Charge for Diagnosis and Activation Energy Prediction of Oil-Paper Insulation Used in Power Transformer. IEEE Transactions on Power Delivery, 2019, 34, 1332-1340.	4.3	17
3	Time-varying model for the effective diagnosis of oil-paper insulation used in power transformers. IET Generation, Transmission and Distribution, 2019, 13, 1527-1534.	2.5	8
4	Estimation of de-trapped charge for diagnosis of transformer insulation using short-duration polarisation current employing detrended fluctuation analysis. High Voltage, 2020, 5, 636-641.	4.7	7
5	Influence of charging voltage magnitude on time domain dielectric response of oil-paper insulation. IET Science, Measurement and Technology, 2019, 13, 874-882.	1.6	6
6	Influence of temperature on interfacial charge of power transformer insulation. IET Science, Measurement and Technology, 2019, 13, 1059-1067.	1.6	5
7	Leakage Current Monitoring of Suspension Insulator for Effective Determination of ESDD. , 2019, , .		5
8	Prediction of Insulation Sensitive Parameters of Power Transformer Using Detrended Fluctuation Analysis Based Method. IEEE Transactions on Power Delivery, 2022, 37, 1963-1973.	4.3	4
9	Neural network-based methodology to study effects of oil properties on induction period evaluated from response of oil-paper insulation employing mineral oil, ester, and mixture. IET Science, Measurement and Technology, 2019, 13, 606-613.	1.6	2