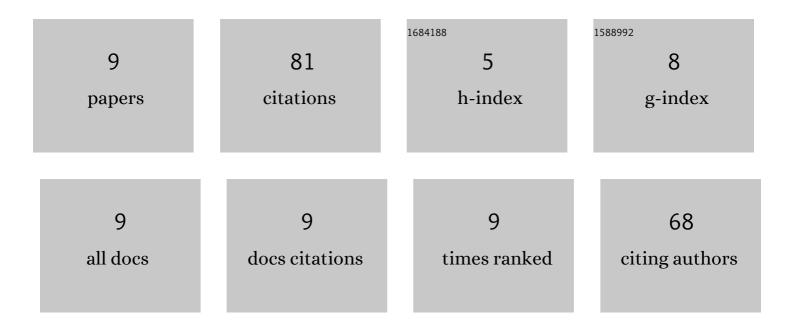
## Saurabh Dutta

List of Publications by Year in descending order

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SALIDARH DUITTA

| # | Article   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | Effect of measurement temperature on power transformer insulation diagnosis using<br>frequencyâ€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 | Timeâ€varying model for the effective diagnosis of oilâ€paper insulation used in power transformers. IET<br>Generation, Transmission and Distribution, 2019, 13, 1527-1534.   | 2.5 | 8         |
| 4 | Estimation of deâ€trapped charge for diagnosis of transformer insulation using shortâ€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.<br>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,<br>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<br>from response of oilâ€paper insulation employing mineral oil, ester, and mixture. IET Science,<br>Measurement and Technology, 2019, 13, 606-613. | 1.6 | 2         |