

# Balasubramanian Madanmohan

## List of Publications by Year in descending order

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| # | ARTICLE  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | Impact of Loading Effect from Liquid Foods on the Performance of Unipolar and Bipolar Square Pulse Generator. Arabian Journal for Science and Engineering, 2022, 47, 14315-14326.                                  | 3.0 | 2         |
| 2 | Diagnosis of Inter-Turn Shorts of Loaded Transformer Under Various Load Currents and Power Factors; Impulse Voltage-Based Frequency Response Approach. IEEE Access, 2021, 9, 40811-40822.                          | 4.2 | 5         |
| 3 | Development of Hypergraph Based Improved Random Forest Algorithm for Partial Discharge Pattern Classification. IEEE Access, 2021, 9, 96-109.   | 4.2 | 11        |
| 4 | Extended Use for the Frequency Response Analysis: Switching Impulse Voltage Based Preliminary Diagnosis of Potential Sources of Partial Discharges in Transformer. Applied Sciences (Switzerland), 2020, 10, 8283. | 2.5 | 1         |
| 5 | Influence of the Load on the Impulse Frequency Response Approach Based Diagnosis of Transformer's Inter-Turn Short-Circuit. IEEE Access, 2020, 8, 39454-39463.   | 4.2 | 7         |
| 6 | Extended Application for the Impulse-Based Frequency Response Analysis: Preliminary Diagnosis of Partial Discharges in Transformer. IEEE Access, 2020, 8, 226897-226906.   | 4.2 | 3         |
| 7 | Sweep frequency response analysis based diagnosis of shorts within transformer windings. IET Generation, Transmission and Distribution, 2017, 11, 4274-4281.   | 2.5 | 18        |
| 8 | Interturn short diagnosis in small transformers through impulse injection: on-line on-load self-impedance transfer function approach. IET Science, Measurement and Technology, 2017, 11, 961-966.                  | 1.6 | 10        |