

# Balasubramanian Madanmohan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3039485/publications.pdf>

Version: 2024-02-01

8  
papers

57  
citations

1684188  
5  
h-index

1588992  
8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

42  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sweep frequency response analysis based diagnosis of shorts within transformer windings. IET Generation, Transmission and Distribution, 2017, 11, 4274-4281.	2.5	18
2	Development of Hypergraph Based Improved Random Forest Algorithm for Partial Discharge Pattern Classification. IEEE Access, 2021, 9, 96-109.	4.2	11
3	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
4	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
5	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
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	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
8	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