

Mohamad Zul Hilmey Makmud

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

207
citations

1478505

6
h-index

1372567

10
g-index

17
all docs

17
docs citations

17
times ranked

241
citing authors

#	ARTICLE	IF	CITATIONS
1	Breakdown Strength and Stability of Palm Oil Toughened with Natural Fibres as Liquid Insulation. , 2021, , .		3
2	Effect of Rice Husk Filler on the Structural and Dielectric Properties of Palm Oil as an Electrical Insulation Material. Energies, 2021, 14, 4921.	3.1	5
3	A Review on Synthesis, Structural, Flame Retardancy and Dielectric Properties of Hexasubstituted Cyclotriphosphazene. Polymers, 2021, 13, 2916.	4.5	15
4	Investigation of Potential of Solar Photovoltaic System as an Alternative Electric Supply on the Tropical Island of Mantanani Sabah Malaysia. Sustainability, 2021, 13, 12432.	3.2	7
5	Miniature Compact Folded Dipole for Metal Mountable UHF RFID Tag Antenna. Electronics (Switzerland), 2019, 8, 713.	3.1	17
6	Partial Discharge in Nanofluid Insulation Material with Conductive and Semiconductive Nanoparticles. Materials, 2019, 12, 816.	2.9	28
7	Electrical Properties of Polyethylene/Polypropylene Compounds for High-Voltage Insulation. Energies, 2018, 11, 1448.	3.1	54
8	Influence of Conductive and Semi-Conductive Nanoparticles on the Dielectric Response of Natural Ester-Based Nanofluid Insulation. Energies, 2018, 11, 333.	3.1	49
9	Partial Discharge Behaviour within Palm Oil-based Fe ₂ O ₃ Nanofluids under AC Voltage. IOP Conference Series: Materials Science and Engineering, 2017, 210, 012034.	0.6	6
10	Partial discharge monitoring technique for research purpose on solid insulating material. , 2015, , .		2
11	Effects of nanosilica and nanotitania on partial discharge characteristics of natural rubber-Ildpe blends as high voltage insulation material. , 2014, , .		1
12	Comparative Study on Partial Discharge Characteristic in Polymer-Nanocomposite as Electrical Insulating Material. Applied Mechanics and Materials, 2013, 284-287, 62-66.	0.2	1
13	Partial Discharge Characteristics of Natural Rubber Blends with Inorganic Nanofiller as Electrical Insulating Material. Applied Mechanics and Materials, 2013, 284-287, 188-192.	0.2	6
14	An Experimental Study on Surface Discharge Characteristics of Different Types of Polymeric Material under AC Voltage. Jurnal Teknologi (Sciences and Engineering), 2013, 64, .	0.4	0
15	Degradation of polymeric power cable due to water treeing under AC and DC stress. , 2012, , .		5
16	Effect of relative humidity on surface discharge characteristics of polymeric material under AC stress. , 2012, , .		1
17	Ageing and degradation mechanism of linear low density polyethylene-natural rubber composites due to partial discharge. , 2012, , .		7