

# Mohamad Zul Hilmey Makmud

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6899162/publications.pdf>

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