

Hendra Suherman

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Improvement of the Electrical-Mechanical Performance of Epoxy/Graphite Composites Based on the Effects of Particle Size and Curing Conditions. <i>Polymers</i> , 2022, 14, 502.	2.0	7
2	Methanol Dehydration to Dimethyl Ether over Modified γ -Al ₂ O ₃ with Acid, Base and Zeolite (NaA and Tj ETQq0 0 0 rgBT /Overlock 10 T	0.9	0
3	Investigation of electrical-mechanical performance of epoxy-based nanocomposites filled with hybrid electrically conductive fillers. <i>Materials Research Express</i> , 2019, 6, 115010.	0.8	18
4	Properties of Kenaf Fibers/Epoxy Biocomposites: Flexural Strength and Impact Strength. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 652, 012036.	0.3	2
5	Properties of graphite/epoxy composites: the in-plane conductivity, tensile strength and Shore hardness. <i>AIMS Materials Science</i> , 2019, 6, 165-173.	0.7	19
6	Optimization of compression moulding parameters of multiwall carbon nanotube/synthetic graphite/epoxy nanocomposites with respect to electrical conductivity. <i>AIMS Materials Science</i> , 2019, 6, 621-634.	0.7	3
7	Structure-property-processing investigation of electrically conductive polypropylene nanocomposites. <i>Science and Engineering of Composite Materials</i> , 2018, 25, 1177-1186.	0.6	9
8	The in-plane electrical conductivity: the rotation parameters effect on producing graphite/epoxy composites. <i>MATEC Web of Conferences</i> , 2018, 248, 01009.	0.1	0
9	Optimization of the electrical conductivity and tensile strength of conductive polymer composites using the Taguchi method. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 409, 012004.	0.3	0
10	Optimization of Internal Mixing Parameter on the Electrical Conductivity of Multiwall Carbon Nanotubes/Synthetic Graphite/Epoxy Nanocomposites for Conductive Polymer Composites Using Taguchi Method. <i>Jurnal Kejuruteraan</i> , 2017, 29, 79-85.	0.2	2
11	Effect of Molding Parameters on the Flexural Strength of Carbon Black/Graphite/Epoxy Nanocomposites Using Taguchi Method. <i>Materials Science Forum</i> , 2016, 864, 28-33.	0.3	0
12	Effect of the addition of milled carbon fiber as a secondary filler on the electrical conductivity of graphite/epoxy composites for electrical conductive material. <i>Composites Part B: Engineering</i> , 2015, 83, 75-80.	5.9	86
13	Effect of the compression molding parameters on the in-plane and through-plane conductivity of carbon nanotubes/graphite/epoxy nanocomposites as bipolar plate material for a polymer electrolyte membrane fuel cell. <i>Ceramics International</i> , 2013, 39, 1277-1284.	2.3	78
14	Electrical Conductivity and Hardness Property of CNTs/Epoxy Nanocomposites. <i>Advanced Materials Research</i> , 2013, 701, 197-201.	0.3	3
15	Effect of small-sized conductive filler on the properties of an epoxy composite for a bipolar plate in a PEMFC. <i>Ceramics International</i> , 2013, 39, 7159-7166.	2.3	45
16	Rheological and mechanical properties of carbon nanotube/Graphite/SS316L/polypropylene nanocomposite for a conductive polymer composite. <i>Composites Part B: Engineering</i> , 2013, 50, 54-61.	5.9	39
17	Effect of Acid- and Ultraviolet/Ozonolysis-Treated MWCNTs on the Electrical and Mechanical Properties of Epoxy Nanocomposites as Bipolar Plate Applications. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-8.	1.5	22
18	Effect of Mixing Parameter on Electrical Conductivity of Carbon Black/Graphite/Epoxy Nanocomposite Using Taguchi Method. <i>Applied Mechanics and Materials</i> , 2013, 393, 68-73.	0.2	2

#	ARTICLE	IF	CITATIONS
19	Effect of Mixing Parameters on the Flexural Strength of CNTs/G/EP Nanocomposites Using Taguchi Method. <i>Advanced Science Letters</i> , 2013, 19, 334-337.	0.2	2
20	Optimization Mixing Parameters on the Electrical Conductivity of Polymer Nanocomposites Based on the Taguchi Method. <i>Applied Mechanics and Materials</i> , 2011, 52-54, 31-36.	0.2	5
21	Electrical Conductivity and Flexural Strength of Graphite/Carbon Nanotubes/Epoxy Nanocomposites. <i>Key Engineering Materials</i> , 2010, 447-448, 643-647.	0.4	0
22	Comparative Studies of Tensile Strength on Polyester Resin Matrix Composites with Planar and Random Orientation Fibers. <i>Key Engineering Materials</i> , 2007, 345-346, 1503-1506.	0.4	0
23	Electrical Conductivity and Micro Hardness of Synthetic and Natural Graphite Epoxy Composite. <i>Key Engineering Materials</i> , 0, 447-448, 614-618.	0.4	2
24	Electrical Properties of Carbon Nanotubes-Based Epoxy Nanocomposites for High Electrical Conductive Plate. <i>Advanced Materials Research</i> , 0, 264-265, 559-564.	0.3	13
25	Effect of Wet Oxidation on the Dispersion and Electrical Properties of Multi-Walled Carbon Nanotubes/Epoxy Nanocomposites. <i>Key Engineering Materials</i> , 0, 471-472, 162-166.	0.4	2
26	Analysis of Energy Absorption on Pultruded Composite Tube under Oblique Loading. <i>Key Engineering Materials</i> , 0, 471-472, 215-220.	0.4	1
27	Properties of Epoxy/Carbon Black/Graphite Composites for Bipolar Plate in Polymer Electrolyte Membrane Fuel Cell. <i>Advanced Materials Research</i> , 0, 911, 8-12.	0.3	11
28	Optimization of Moulding Parameters on the Electrical Conductivity of Carbon Black/Graphite/Epoxy Composite for Bipolar Plate using the Taguchi Method. <i>Advanced Materials Research</i> , 0, 1119, 201-206.	0.3	4