

Nabilah Afiqah Mohd Radzuan

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

571
citations

758635

12
h-index

642321

23
g-index

26
all docs

26
docs citations

26
times ranked

596
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of electrical conductivity models for conductive polymer composite. International Journal of Hydrogen Energy, 2017, 42, 9262-9273.	3.8	168
2	The effect of milled carbon fibre filler on electrical conductivity in highly conductive polymer composites. Composites Part B: Engineering, 2017, 110, 153-160.	5.9	101
3	Comparison of catalyst-coated membranes and catalyst-coated substrate for PEMFC membrane electrode assembly: A review. Chinese Journal of Chemical Engineering, 2021, 33, 1-16.	1.7	50
4	The Effect of Alkali Treatment on Physical, Mechanical and Thermal Properties of Kenaf Fiber and Polymer Epoxy Composites. Polymers, 2021, 13, 2005.	2.0	31
5	Fibre orientation effect on polypropylene/milled carbon fiber composites in the presence of carbon nanotubes or graphene as a secondary filler: Application on PEM fuel cell bipolar plate. International Journal of Hydrogen Energy, 2019, 44, 30618-30626.	3.8	29
6	The design and development of an HT-PEMFC test cell and test station. International Journal of Hydrogen Energy, 2019, 44, 30763-30771.	3.8	25
7	New processing technique for biodegradable kenaf composites: A simple alternative to commercial automotive parts. Composites Part B: Engineering, 2020, 184, 107644.	5.9	25
8	Fabrication of multi-filler MCF/MWCNT/SG-based bipolar plates. Ceramics International, 2019, 45, 7413-7418.	2.3	24
9	Kenaf Composites for Automotive Components: Enhancement in Machinability and Moldability. Polymers, 2019, 11, 1707.	2.0	22
10	Fabrication of Porous Recycled HDPE Biocomposites Foam: Effect of Rice Husk Filler Contents and Surface Treatments on the Mechanical Properties. Polymers, 2020, 12, 475.	2.0	18
11	Effects of High-Temperature Exposure on the Mechanical Properties of Kenaf Composites. Polymers, 2020, 12, 1643.	2.0	14
12	Electrical properties of extruded milled carbon fibre and polypropylene. Journal of Composite Materials, 2017, 51, 3187-3195.	1.2	13
13	Effects of Die Configuration on the Electrical Conductivity of Polypropylene Reinforced Milled Carbon Fibers: An Application on a Bipolar Plate. Polymers, 2018, 10, 558.	2.0	9
14	Electrical Conductivity Performance of Predicted Modified Fibre Contact Model for Multi-Filler Polymer Composite. Polymers, 2019, 11, 1425.	2.0	8
15	Layup sequence and interfacial bonding of additively manufactured polymeric composite: A brief review. Nanotechnology Reviews, 2021, 10, 1853-1872.	2.6	8
16	Influence the Filler Orientation on the Performance of Bipolar Plate. Sains Malaysiana, 2019, 48, 669-676.	0.3	6
17	Pengoptimuman Proses Penyemperitan Gentian Karbon Terkisar dan Polipropilena bagi Komposit Polimer Pengalir. Sains Malaysiana, 2016, 45, 1913-1921.	0.3	5
18	Kenaf Reinforced PLA Composite Thermoforming: A Numerical Simulation. International Journal of Integrated Engineering, 2018, 10, .	0.2	4

#	ARTICLE	IF	CITATIONS
19	Extrusion Process of Polypropylene Composites Reinforced Milled Carbon Fibre for Conductive Polymer Composite Application. MATEC Web of Conferences, 2018, 248, 01012.	0.1	3
20	Effect of Multi-Sized Graphite Filler on the Mechanical Properties and Electrical Conductivity. Sains Malaysiana, 2021, 50, 2025-2034.	0.3	2
21	The Influence of Temperature and Electroforesis Deposition Green Inhibitor on Bipolar Plate AA5052 in Sulfuric Acid Medium. Sains Malaysiana, 2020, 49, 3169-3177.	0.3	2
22	Carbon Fibre Reinforced Polypropylene: An Electrical Conductivity Model. Key Engineering Materials, 0, 791, 29-34.	0.4	1
23	The effect of graphene addition on the Young's modulus and tensile strength of kenaf fibre composites. IOP Conference Series: Materials Science and Engineering, 2021, 1078, 012006.	0.3	1
24	Kesan Pemendapan Elektroforesis Gam Arab terhadap Halaju Kakisan pada Aluminium 5052. Sains Malaysiana, 2019, 48, 401-406.	0.3	1
25	Kenaf reinforced polypropylene composites: A numerical simulation. AIP Conference Proceedings, 2021, , .	0.3	0