Aisyah Humaira Alias

List of Publications by Year
in descending order

22	1,733	471061 17	713013 21
papers	citations	h-index	g-index

22	22	22	686
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Review on Natural Fiber Reinforced Polymer Composite for Bullet Proof and Ballistic Applications. Polymers, 2021, 13, 646.	2.0	213
2	Fabrication, Functionalization, and Application of Carbon Nanotube-Reinforced Polymer Composite: An Overview. Polymers, 2021, 13, 1047.	2.0	195
3	Natural Fiber-Reinforced Polylactic Acid, Polylactic Acid Blends and Their Composites for Advanced Applications. Polymers, 2022, 14, 202.	2.0	157
4	A Review on Mechanical Performance of Hybrid Natural Fiber Polymer Composites for Structural Applications. Polymers, 2021, 13, 2170.	2.0	143
5	Thermogravimetric Analysis Properties of Cellulosic Natural Fiber Polymer Composites: A Review on Influence of Chemical Treatments. Polymers, 2021, 13, 2710.	2.0	143
6	A Comprehensive Review on Advanced Sustainable Woven Natural Fibre Polymer Composites. Polymers, 2021, 13, 471.	2.0	127
7	Thermal Properties of Woven Kenaf/Carbon Fibre-Reinforced Epoxy Hybrid Composite Panels. International Journal of Polymer Science, 2019, 2019, 1-8.	1.2	117
8	Natural-Fiber-Reinforced Chitosan, Chitosan Blends and Their Nanocomposites for Various Advanced Applications. Polymers, 2022, 14, 874.	2.0	110
9	Polymer Composites Filled with Metal Derivatives: A Review of Flame Retardants. Polymers, 2021, 13, 1701.	2.0	101
10	Mechanical Performance and Applications of CNTs Reinforced Polymer Compositesâ€"A Review. Nanomaterials, 2021, 11, 2186.	1.9	101
11	Hybridization of MMT/Lignocellulosic Fiber Reinforced Polymer Nanocomposites for Structural Applications: A Review. Coatings, 2021, 11, 1355.	1.2	60
12	Effects of Fabric Counts and Weave Designs on the Properties of Laminated Woven Kenaf/Carbon Fibre Reinforced Epoxy Hybrid Composites. Polymers, 2018, 10, 1320.	2.0	55
13	Treatments of natural fiber as reinforcement in polymer compositesâ€"a short review. Functional Composites and Structures, 2021, 3, 024002.	1.6	55
14	Effect of fiber content and their hybridization on bending and torsional strength of hybrid epoxy composites reinforced with carbon and sugar palm fibers. Polimery, 2021, 66, 36-43.	0.4	31
15	Effects of degree of substitution and irradiation doses on the properties of hydrogel prepared from carboxymethyl-sago starch and polyethylene glycol. Carbohydrate Polymers, 2021, 252, 117224.	5.1	25
16	The Challenges and Future Perspective of Woven Kenaf Reinforcement in Thermoset Polymer Composites in Malaysia: A Review. Polymers, 2021, 13, 1390.	2.0	25
17	Mechanical performance evaluation of bamboo fibre reinforced polymer composites and its applications: a review. Functional Composites and Structures, 2022, 4, 015009.	1.6	22
18	Effect of silane treatments on mechanical performance of kenaf fibre reinforced polymer composites: a review. Functional Composites and Structures, 2021, 3, 045003.	1.6	20

#	Article	IF	Citations
19	Thermal, Physical and Mechanical Properties of Poly(Butylene Succinate)/Kenaf Core Fibers Composites Reinforced with Esterified Lignin. Polymers, 2021, 13, 2359.	2.0	14
20	Dimensional Stability Properties of Medium Density Fibreboard (MDF) from Treated Oil Palm (<i>Elaeis guineensis</i>) Empty Fruit Bunches (EFB) Fibres. Open Journal of Composite Materials, 2016, 06, 91-99.	0.4	10
21	Evaluation of Kenaf Yarn Properties as Affected by Different Linear Densities for Woven Fabric Laminated Composite Production. Sains Malaysiana, 2018, 47, 1853-1860.	0.3	9
22	Characterization of lignocellulosic S.Âpersica fibre and its composites: a review. ChemistrySelect, 2022, .	0.7	0