Muhammad Huzaifah Mohd Roslim

List of Publications by Year
in descending order

17	568	840776 11	940533 16
papers	citations	h-index	g-index

17	17	17	476
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sugar palm (Arenga pinnata (Wurmb.) Merr) cellulosic fibre hierarchy: a comprehensive approach from macro to nano scale. Journal of Materials Research and Technology, 2019, 8, 2753-2766.	5.8	195
2	Use of Industrial Wastes as Sustainable Nutrient Sources for Bacterial Cellulose (BC) Production: Mechanism, Advances, and Future Perspectives. Polymers, 2021, 13, 3365.	4.5	67
3	Greener Pretreatment Approaches for the Valorisation of Natural Fibre Biomass into Bioproducts. Polymers, 2021, 13, 2971.	4.5	39
4	Using Remote Sensing and an Unmanned Aerial System for Weed Management in Agricultural Crops: A Review. Agronomy, 2021, 11, 1809.	3.0	36
5	Comparative Analysis of Erosive Wear Behaviour of Epoxy, Polyester and Vinyl Esters Based Thermosetting Polymer Composites for Human Prosthetic Applications Using Taguchi Design. Polymers, 2021, 13, 3607.	4.5	34
6	Assessment of Dimensional Stability, Biodegradability, and Fracture Energy of Bio-Composites Reinforced with Novel Pine Cone. Polymers, 2021, 13, 3260.	4.5	33
7	Comparative study on chemical composition, physical, tensile, and thermal properties of sugar palm fiber (Arenga pinnata) obtained from different geographical locations. BioResources, 2017, 12, 9366-9382.	1.0	32
8	Zero waste management of spent mushroom compost. Journal of Material Cycles and Waste Management, 2021, 23, 1726-1736.	3.0	27
9	A review of sugar palm (Arenga pinnata): application, fibre characterisation and composites. Multidiscipline Modeling in Materials and Structures, 2017, 13, 678-698.	1.3	23
10	How Can Unmanned Aerial Vehicles Be Used for Detecting Weeds in Agricultural Fields?. Agriculture (Switzerland), 2021, 11, 1004.	3.1	22
11	Effect of Fibre Loading on the Physical, Mechanical and Thermal Properties of Sugar Palm Fibre Reinforced Vinyl Ester Composites. Fibers and Polymers, 2019, 20, 1077-1084.	2.1	15
12	The Application of Hyperspectral Remote Sensing Imagery (HRSI) for Weed Detection Analysis in Rice Fields: A Review. Applied Sciences (Switzerland), 2022, 12, 2570.	2.5	12
13	Effect of Fibre Length and Sea Water Treatment on Mechanical Properties of Sugar Palm Fibre Reinforced Unsaturated Polyester Composites. International Journal of Recent Technology and Engineering, 2019, 8, 510-514.	0.2	11
14	Comparative study of physical, mechanical, and thermal properties on sugar palm fiber (Arenga pinnata) Tj ETQq0 0 0 rgBT /Overlock 10 BioResources, 2019, 14, 619-637.	1.0	9
15	Effect of Soil Burial on Physical, Mechanical and Thermal Properties of Sugar Palm Fibre Reinforced Vinyl Ester Composites. Fibers and Polymers, 2019, 20, 1893-1899.	2.1	7
16	Effect of carbon black composition with sludge palm oil on the curing characteristic and mechanical properties of natural rubber/styrene butadiene rubber compound. IOP Conference Series: Materials Science and Engineering, 2017, 223, 012008.	0.6	6
17	Thermal properties of wood flour reinforced polyamide 6 biocomposites by twin screw extrusion. ChemistrySelect, 2022, .	1.5	0