M R M Asyraf

List of Publications by Year
in descending order

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36 papers	2,600 citations	279701 23 h-index	414303 32 g-index
36 all docs	36 docs citations	36 times ranked	898 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	Polylactic Acid (PLA) Biocomposite: Processing, Additive Manufacturing and Advanced Applications. Polymers, 2021, 13, 1326.	2.0	208
3	Fabrication, Functionalization, and Application of Carbon Nanotube-Reinforced Polymer Composite: An Overview. Polymers, 2021, 13, 1047.	2.0	195
4	Micro- and Nanocellulose in Polymer Composite Materials: A Review. Polymers, 2021, 13, 231.	2.0	192
5	Potential of Natural Fiber Reinforced Polymer Composites in Sandwich Structures: A Review on Its Mechanical Properties. Polymers, 2021, 13, 423.	2.0	173
6	Natural Fiber-Reinforced Polylactic Acid, Polylactic Acid Blends and Their Composites for Advanced Applications. Polymers, 2022, 14, 202.	2.0	157
7	A Review on Mechanical Performance of Hybrid Natural Fiber Polymer Composites for Structural Applications. Polymers, 2021, 13, 2170.	2.0	143
8	Thermogravimetric Analysis Properties of Cellulosic Natural Fiber Polymer Composites: A Review on Influence of Chemical Treatments. Polymers, 2021, 13, 2710.	2.0	143
9	Sugar palm (Arenga pinnata [Wurmb.] Merr) starch films containing sugar palm nanofibrillated cellulose as reinforcement: Water barrier properties. Polymer Composites, 2020, 41, 459-467.	2.3	129
10	Critical Review of Biodegradable and Bioactive Polymer Composites for Bone Tissue Engineering and Drug Delivery Applications. Polymers, 2021, 13, 2623.	2.0	104
11	Polymer Composites Filled with Metal Derivatives: A Review of Flame Retardants. Polymers, 2021, 13, 1701.	2.0	101
12	Dynamic mechanical behaviour of kenaf cellulosic fibre biocomposites: a comprehensive review on chemical treatments. Cellulose, 2021, 28, 2675-2695.	2.4	95
13	Natural Fiber Reinforced Composite Material for Product Design: A Short Review. Polymers, 2021, 13, 1917.	2.0	88
14	Potential Application of Green Composites for Cross Arm Component in Transmission Tower: A Brief Review. International Journal of Polymer Science, 2020, 2020, 1-15.	1.2	80
15	Integration of <scp>TRIZ</scp>, morphological chart and <scp>ANP</scp> method for development of <scp>FRP</scp> composite portable fire extinguisher. Polymer Composites, 2020, 41, 2917-2932.	2.3	78
16	Use of Industrial Wastes as Sustainable Nutrient Sources for Bacterial Cellulose (BC) Production: Mechanism, Advances, and Future Perspectives. Polymers, 2021, 13, 3365.	2.0	67
17	Critical Determinants of Household Electricity Consumption in a Rapidly Growing City. Sustainability, 2021, 13, 4441.	1.6	53
18	Recent advances of thermal properties of sugar palm lignocellulosic fibre reinforced polymer composites. International Journal of Biological Macromolecules, 2021, 193, 1587-1599.	3.6	53

#	Article	IF	Citations
19	Comparison of Static and Long-term Creep Behaviors between Balau Wood and Glass Fiber Reinforced Polymer Composite for Cross-arm Application. Fibers and Polymers, 2021, 22, 793-803.	1.1	50
20	Reflections on Local Community Identity by Evaluating Heritage Sustainability Protection in Jugra, Selangor, Malaysia. Sustainability, 2021, 13, 8705.	1.6	38
21	Filament-wound glass-fibre reinforced polymer composites: Potential applications for cross arm structure in transmission towers. Polymer Bulletin, 2023, 80, 1059-1084.	1.7	33
22	Creep test rig for cantilever beam: Fundamentals, prospects and present views. Journal of Mechanical Engineering and Sciences, 2020, 14, 6869-6887.	0.3	27
23	Evaluation of Design and Simulation of Creep Test Rig for Full-Scale Crossarm Structure. Advances in Civil Engineering, 2020, 2020, 1-10.	0.4	23
24	Effects of Elevated Temperature on the Residual Behavior of Concrete Containing Marble Dust and Foundry Sand. Materials, 2022, 15, 3632.	1.3	23
25	Mechanical performance evaluation of bamboo fibre reinforced polymer composites and its applications: a review. Functional Composites and Structures, 2022, 4, 015009.	1.6	22
26	Mechanical properties of sugar palm lignocellulosic fibre reinforced polymer composites: a review. Cellulose, 2022, 29, 6493-6516.	2.4	21
27	Preference Index of Sustainable Natural Fibers in Stone Matrix Asphalt Mixture Using Waste Marble. Materials, 2022, 15, 2729.	1.3	16
28	Morphological, Physical, and Mechanical Properties of Sugar-Palm (Arenga pinnata (Wurmb)) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	1.3	15
29	Comparative Drug Release Investigations for Diclofenac Sodium Drug (DS) by Chitosan-Based Grafted and Crosslinked Copolymers. Materials, 2022, 15, 2404.	1.3	14
30	Hyperelastic Properties of Bamboo Cellulosic Fibreâ€“Reinforced Silicone Rubber Biocomposites via Compression Test. International Journal of Molecular Sciences, 2022, 23, 6338.	1.8	13
31	Impact of Process Variables of Acetone Vapor Jet Drilling on Surface Roughness and Circularity of 3D-Printed ABS Parts: Fabrication and Studies on Thermal, Morphological, and Chemical Characterizations. Polymers, 2022, 14, 1367.	2.0	12
32	Development of Natural Fibre-Reinforced Polymer Composites Ballistic Helmet Using Concurrent Engineering Approach: A Brief Review. Sustainability, 2022, 14, 7092.	1.6	12
33	Advanced Composite in Aerospace Applications: Opportunities, Challenges, and Future Perspective. , 2022, , 471-498.		9
34	Design for Safety in Composites. Composites Science and Technology, 2022, , 95-113.	0.4	0
35	Composites and Biocomposites: Manufacturing and Processing. Composites Science and Technology, 2022, , 15-33.	0.4	0
36	Safety in Composite Laboratory. Composites Science and Technology, 2022, , 67-94.	0.4	0