

# M R M Asyraf

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Filament-wound glass-fibre reinforced polymer composites: Potential applications for cross arm structure in transmission towers. <i>Polymer Bulletin</i> , 2023, 80, 1059-1084.	1.7	33
2	Design for Safety in Composites. <i>Composites Science and Technology</i> , 2022, , 95-113.	0.4	0
3	Composites and Biocomposites: Manufacturing and Processing. <i>Composites Science and Technology</i> , 2022, , 15-33.	0.4	0
4	Safety in Composite Laboratory. <i>Composites Science and Technology</i> , 2022, , 67-94.	0.4	0
5	Natural Fiber-Reinforced Polylactic Acid, Polylactic Acid Blends and Their Composites for Advanced Applications. <i>Polymers</i> , 2022, 14, 202.	2.0	157
6	Advanced Composite in Aerospace Applications: Opportunities, Challenges, and Future Perspective. , 2022, , 471-498.		9
7	Mechanical performance evaluation of bamboo fibre reinforced polymer composites and its applications: a review. <i>Functional Composites and Structures</i> , 2022, 4, 015009.	1.6	22
8	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. <i>Polymers</i> , 2022, 14, 1367.	2.0	12
9	Comparative Drug Release Investigations for Diclofenac Sodium Drug (DS) by Chitosan-Based Grafted and Crosslinked Copolymers. <i>Materials</i> , 2022, 15, 2404.	1.3	14
10	Preference Index of Sustainable Natural Fibers in Stone Matrix Asphalt Mixture Using Waste Marble. <i>Materials</i> , 2022, 15, 2729.	1.3	16
11	Effects of Elevated Temperature on the Residual Behavior of Concrete Containing Marble Dust and Foundry Sand. <i>Materials</i> , 2022, 15, 3632.	1.3	23
12	Hyperelastic Properties of Bamboo Cellulosic Fibre-Reinforced Silicone Rubber Biocomposites via Compression Test. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6338.	1.8	13
13	Morphological, Physical, and Mechanical Properties of Sugar-Palm ( <i>Arenga pinnata</i> (Wurmb)) Tj ETQq1 1 0.784314 <sub>rgBT</sub> /Overlock 10 <sub>15</sub>	1.3	15
14	Development of Natural Fibre-Reinforced Polymer Composites Ballistic Helmet Using Concurrent Engineering Approach: A Brief Review. <i>Sustainability</i> , 2022, 14, 7092.	1.6	12
15	Mechanical properties of sugar palm lignocellulosic fibre reinforced polymer composites: a review. <i>Cellulose</i> , 2022, 29, 6493-6516.	2.4	21
16	Potential of Natural Fiber Reinforced Polymer Composites in Sandwich Structures: A Review on Its Mechanical Properties. <i>Polymers</i> , 2021, 13, 423.	2.0	173
17	Micro- and Nanocellulose in Polymer Composite Materials: A Review. <i>Polymers</i> , 2021, 13, 231.	2.0	192
18	Dynamic mechanical behaviour of kenaf cellulosic fibre biocomposites: a comprehensive review on chemical treatments. <i>Cellulose</i> , 2021, 28, 2675-2695.	2.4	95

#	ARTICLE	IF	CITATIONS
19	A Review on Natural Fiber Reinforced Polymer Composite for Bullet Proof and Ballistic Applications. <i>Polymers</i> , 2021, 13, 646.	2.0	213
20	Fabrication, Functionalization, and Application of Carbon Nanotube-Reinforced Polymer Composite: An Overview. <i>Polymers</i> , 2021, 13, 1047.	2.0	195
21	Comparison of Static and Long-term Creep Behaviors between Balau Wood and Glass Fiber Reinforced Polymer Composite for Cross-arm Application. <i>Fibers and Polymers</i> , 2021, 22, 793-803.	1.1	50
22	Critical Determinants of Household Electricity Consumption in a Rapidly Growing City. <i>Sustainability</i> , 2021, 13, 4441.	1.6	53
23	Poly(lactic acid) (PLA) Biocomposite: Processing, Additive Manufacturing and Advanced Applications. <i>Polymers</i> , 2021, 13, 1326.	2.0	208
24	Polymer Composites Filled with Metal Derivatives: A Review of Flame Retardants. <i>Polymers</i> , 2021, 13, 1701.	2.0	101
25	A Review on Mechanical Performance of Hybrid Natural Fiber Polymer Composites for Structural Applications. <i>Polymers</i> , 2021, 13, 2170.	2.0	143
26	Natural Fiber Reinforced Composite Material for Product Design: A Short Review. <i>Polymers</i> , 2021, 13, 1917.	2.0	88
27	Reflections on Local Community Identity by Evaluating Heritage Sustainability Protection in Jugra, Selangor, Malaysia. <i>Sustainability</i> , 2021, 13, 8705.	1.6	38
28	Thermogravimetric Analysis Properties of Cellulosic Natural Fiber Polymer Composites: A Review on Influence of Chemical Treatments. <i>Polymers</i> , 2021, 13, 2710.	2.0	143
29	Critical Review of Biodegradable and Bioactive Polymer Composites for Bone Tissue Engineering and Drug Delivery Applications. <i>Polymers</i> , 2021, 13, 2623.	2.0	104
30	Use of Industrial Wastes as Sustainable Nutrient Sources for Bacterial Cellulose (BC) Production: Mechanism, Advances, and Future Perspectives. <i>Polymers</i> , 2021, 13, 3365.	2.0	67
31	Recent advances of thermal properties of sugar palm lignocellulosic fibre reinforced polymer composites. <i>International Journal of Biological Macromolecules</i> , 2021, 193, 1587-1599.	3.6	53
32	Sugar palm ( <i>Arenga pinnata</i> ) [ <i>Wurmb</i> ] <i>Merr</i> ) starch films containing sugar palm nanofibrillated cellulose as reinforcement: Water barrier properties. <i>Polymer Composites</i> , 2020, 41, 459-467.	2.3	129
33	Potential Application of Green Composites for Cross Arm Component in Transmission Tower: A Brief Review. <i>International Journal of Polymer Science</i> , 2020, 2020, 1-15.	1.2	80
34	Evaluation of Design and Simulation of Creep Test Rig for Full-Scale Crossarm Structure. <i>Advances in Civil Engineering</i> , 2020, 2020, 1-10.	0.4	23
35	Integration of TRIZ, morphological chart and ANP method for development of FRP composite portable fire extinguisher. <i>Polymer Composites</i> , 2020, 41, 2917-2932.	2.3	78
36	Creep test rig for cantilever beam: Fundamentals, prospects and present views. <i>Journal of Mechanical Engineering and Sciences</i> , 2020, 14, 6869-6887.	0.3	27