

# A U M Shah

## List of Publications by Year in descending order

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30  
papers

635  
citations

687363

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610901

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docs citations

30  
times ranked

484  
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential of Natural Fibers in Composites for Ballistic Applications – A Review. Journal of Natural Fibers, 2022, 19, 1648-1658.	3.1	76
2	Low velocity impact and compression after impact properties of hybrid bio-composites modified with multi-walled carbon nanotubes. Composites Part B: Engineering, 2019, 163, 455-463.	12.0	69
3	Overview of Bioplastic Introduction and Its Applications in Product Packaging. Coatings, 2021, 11, 1423.	2.6	65
4	The Effects of Stacking Sequence on the Tensile and Flexural Properties of Kenaf/Jute Fibre Hybrid Composites. Journal of Natural Fibers, 2021, 18, 452-463.	3.1	58
5	Characterization of silane treated Malaysian Yankee Pineapple AC6 leaf fiber (PALF) towards industrial applications. Journal of Materials Research and Technology, 2020, 9, 3128-3139.	5.8	39
6	Investigations on the Mechanical Properties of Glass Fiber/Sisal Fiber/Chitosan Reinforced Hybrid Polymer Sandwich Composite Scaffolds for Bone Fracture Fixation Applications. Polymers, 2020, 12, 1501.	4.5	35
7	Investigation on mechanical properties of polyurethane hybrid nanocomposite foams reinforced with roselle fibers and silica nanoparticles. Nanocomposites, 2019, 5, 1-12.	4.2	31
8	Sandwich-structured bamboo powder/glass fibre-reinforced epoxy hybrid composites – Mechanical performance in static and dynamic evaluations. Journal of Sandwich Structures and Materials, 2021, 23, 47-64.	3.5	30
9	Effect of hybrid multi-walled carbon nanotube and montmorillonite nanoclay content on mechanical properties of shape memory epoxy nanocomposite. Journal of Materials Research and Technology, 2020, 9, 6085-6100.	5.8	27
10	Effect of Nanofiller Content on Dynamic Mechanical and Thermal Properties of Multi-Walled Carbon Nanotube and Montmorillonite Nanoclay Filler Hybrid Shape Memory Epoxy Composites. Polymers, 2021, 13, 700.	4.5	27
11	Characterization of Lignocellulosic Biomass from Malaysian – Yankee Pineapple AC6 Toward Composite Application. Journal of Natural Fibers, 2021, 18, 2006-2018.	3.1	18
12	A Review on the Kenaf/Glass Hybrid Composites with Limitations on Mechanical and Low Velocity Impact Properties. Polymers, 2020, 12, 1285.	4.5	18
13	State of the Art Review about Bio-Inspired Design and Applications: An Aerospace Perspective. Applied Sciences (Switzerland), 2021, 11, 5054.	2.5	15
14	Impact properties of kenaf Fibre/X-ray films hybrid composites for structural applications. Journal of Materials Research and Technology, 2019, 8, 1982-1990.	5.8	14
15	Effect of nanoclay content on the thermal, mechanical and shape memory properties of epoxy nanocomposites. Polymer Bulletin, 2020, 77, 5913-5931.	3.3	12
16	Review of Recent Efforts in Cooling Photovoltaic Panels (PVs) for Enhanced Performance and Better Impact on the Environment. Nanomaterials, 2022, 12, 1664.	4.1	12
17	Experimental Evaluation of Low Velocity Impact Properties and Damage Progression on Bamboo/Glass Hybrid Composites Subjected to Different Impact Energy Levels. Polymers, 2020, 12, 1288.	4.5	11
18	A Review on the Effect of Fabric Reinforcement on Strength Enhancement of Natural Fiber Composites. Materials, 2022, 15, 3025.	2.9	11

#	ARTICLE	IF	CITATIONS
19	Physical, Mechanical, and Morphological Properties of Hybrid Cyrtostachys renda/Kenaf Fiber Reinforced with Multi-Walled Carbon Nanotubes (MWCNT)-Phenolic Composites. <i>Polymers</i> , 2021, 13, 3448.	4.5	10
20	Low-Velocity Impact Analysis of Pineapple Leaf Fiber (PALF) Hybrid Composites. <i>Polymers</i> , 2021, 13, 3194.	4.5	9
21	Effect of Silver Nanopowder on Mechanical, Thermal and Antimicrobial Properties of Kenaf/HDPE Composites. <i>Polymers</i> , 2021, 13, 3928.	4.5	8
22	Low Velocity Impact and Compression after Impact Properties on Gamma Irradiated Kevlar/Oil Palm Empty Fruit Bunch Hybrid Composites. <i>Coatings</i> , 2020, 10, 646.	2.6	6
23	Comparative Study of Mechanical Properties of Chemically Treated and Untreated Cyrtostachys Renda Fibers. <i>Journal of Natural Fibers</i> , 0, , 1-16.	3.1	6
24	The Effect of Stacking Sequence on Fatigue Behaviour of Hybrid Pineapple Leaf Fibre/Carbon-Fibre-Reinforced Epoxy Composites. <i>Polymers</i> , 2021, 13, 3936.	4.5	6
25	Testing of Silicon Rubber/Montmorillonite Nanocomposite for Mechanical and Tribological Performance. <i>Nanomaterials</i> , 2021, 11, 3050.	4.1	5
26	Effect of Cyrtostachys renda Fiber Loading on the Mechanical, Morphology, and Flammability Properties of Multi-Walled Carbon Nanotubes/Phenolic Bio-Composites. <i>Nanomaterials</i> , 2021, 11, 3049.	4.1	5
27	Effect of Prosopis Juliflora Thorns on Mechanical Properties of Plastic Waste Reinforced Epoxy Composites. <i>Polymers</i> , 2022, 14, 1278.	4.5	4
28	Effect of carbon nanotube (CNT) concentration on flexural properties of flax hybrid bio-composite. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	3
29	Failure mechanisms of kenaf/glass sandwich laminates subjected to low velocity impact loading. <i>Journal of Industrial Textiles</i> , 0, , 152808372210946.	2.4	3
30	Portable IoT Body Temperature Screening System to Combat the Adverse Effects of COVID-19. <i>Journal of Sensor and Actuator Networks</i> , 2022, 11, 22.	3.9	2