

Mohammad Asim

List of Publications by Year in descending order

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47
papers

3,172
citations

201674

27
h-index

265206

42
g-index

48
all docs

48
docs citations

48
times ranked

2245
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Curing Temperature on Mechanical Properties of Bio-phenolic/Epoxy Polymer Blends. <i>Journal of Polymers and the Environment</i> , 2022, 30, 878-885.	5.0	11
2	Sustainable kenaf/bamboo fibers/clay hybrid nanocomposites: properties, environmental aspects and applications. <i>Journal of Cleaner Production</i> , 2022, 330, 129938.	9.3	40
3	Dynamic Mechanical Properties and Free Vibration Characteristics of Surface Modified Jute Fiber/Nano-Clay Reinforced Epoxy Composites. <i>Journal of Polymers and the Environment</i> , 2021, 29, 1076-1088.	5.0	50
4	Various Types of Natural Fibers Reinforced Poly-Lactic Acid Composites. <i>Composites Science and Technology</i> , 2021, , 165-180.	0.6	0
5	Nanocellulose Reinforced Polylactic Acid Bionanocomposites. <i>Composites Science and Technology</i> , 2021, , 181-194.	0.6	3
6	Extraction and Characterization of Microcrystalline Cellulose from Date Palm Fibers using Successive Chemical Treatments. <i>Journal of Polymers and the Environment</i> , 2021, 29, 1990-1999.	5.0	38
7	Extraction and Characterization of Fiber Treatment Inula viscosa Fibers as Potential Polymer Composite Reinforcement. <i>Journal of Polymers and the Environment</i> , 2021, 29, 3779-3793.	5.0	28
8	A Review on Properties and Application of Bio-Based Poly(Butylene Succinate). <i>Polymers</i> , 2021, 13, 1436.	4.5	169
9	Effect of surface modified date palm fibre loading on mechanical, thermal properties of date palm reinforced phenolic composites. <i>Composite Structures</i> , 2021, 267, 113913.	5.8	58
10	Characterization of physical and mechanical properties of recycled jute fabric reinforced polypropylene composites. <i>Polymer Composites</i> , 2021, 42, 5435-5444.	4.6	11
11	Nanocrystalline Cellulose from Microcrystalline Cellulose of Date Palm Fibers as a Promising Candidate for Bio-Nanocomposites: Isolation and Characterization. <i>Materials</i> , 2021, 14, 5313.	2.9	22
12	A comparative evaluation of chemical, mechanical, and thermal properties of oil palm fiber/pineapple fiber reinforced phenolic hybrid composites. <i>Polymer Composites</i> , 2021, 42, 6383-6393.	4.6	20
13	Improvements in the thermal behaviour of date palm/bamboo fibres reinforced epoxy hybrid composites. <i>Composite Structures</i> , 2021, 277, 114644.	5.8	45
14	Fiberboard Manufacturing from Laccase Activated Lignin Based Bioadhesive. <i>Composites Science and Technology</i> , 2021, , 51-83.	0.6	1
15	Flexural and Dynamic Mechanical Properties of Alkali-Treated Coir/Pineapple Leaf Fibres Reinforced Polylactic Acid Hybrid Biocomposites. <i>Journal of Bionic Engineering</i> , 2021, 18, 1430-1438.	5.0	25
16	Impact of silane treatment on the dielectric properties of pineapple leaf/kenaf fiber reinforced phenolic composites. <i>Journal of Composite Materials</i> , 2020, 54, 937-946.	2.4	26
17	Sugar palm fiber/polyester nanocomposites: Influence of adding nanoclay fillers on thermal, dynamic mechanical, and physical properties. <i>Journal of Vinyl and Additive Technology</i> , 2020, 26, 236-243.	3.4	26
18	Effects of Date Palm fibres loading on mechanical, and thermal properties of Date Palm reinforced phenolic composites. <i>Journal of Materials Research and Technology</i> , 2020, 9, 3614-3621.	5.8	52

#	ARTICLE	IF	CITATIONS
19	Alkali treated coir/pineapple leaf fibres reinforced PLA hybrid composites: Evaluation of mechanical, morphological, thermal and physical properties. EXPRESS Polymer Letters, 2020, 14, 717-730.	2.1	73
20	Accelerated Weathering and Soil Burial Effect on Biodegradability, Colour and Texture of Coir/Pineapple Leaf Fibres/PLA Biocomposites. Polymers, 2020, 12, 458.	4.5	57
21	Improving the Properties of Pineapple Leaf Fibres by Chemical Treatments. Green Energy and Technology, 2020, , 55-71.	0.6	10
22	Thermal stability of natural fibers and their polymer composites. Iranian Polymer Journal (English) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 6	2.4	143
23	Flexural, thermal and dynamic mechanical properties of date palm fibres reinforced epoxy composites. Journal of Materials Research and Technology, 2019, 8, 853-860.	5.8	147
24	Corn and Rice Starch-Based Bio-Plastics as Alternative Packaging Materials. Fibers, 2019, 7, 32.	4.0	209
25	Dynamic and thermo-mechanical properties of hybridized kenaf/PALF reinforced phenolic composites. Polymer Composites, 2019, 40, 3814-3822.	4.6	74
26	Recent development in binderless fiber-board fabrication from agricultural residues: A review. Construction and Building Materials, 2019, 211, 502-516.	7.2	81
27	Natural fiber reinforced polylactic acid composites: A review. Polymer Composites, 2019, 40, 446-463.	4.6	296
28	Effect of Alkali treatments on physical and Mechanical strength of Pineapple leaf fibres. IOP Conference Series: Materials Science and Engineering, 2018, 290, 012030.	0.6	21
29	The Effect of Silane Treated Fibre Loading on Mechanical Properties of Pineapple Leaf/Kenaf Fibre Filler Phenolic Composites. Journal of Polymers and the Environment, 2018, 26, 1520-1527.	5.0	87
30	Effect of Organo-Modified Nanoclay on the Mechanical Properties of Sugar Palm Fiber-reinforced Polyester Composites. BioResources, 2018, 13, .	1.0	43
31	Effect of Hybridization on the Mechanical Properties of Pineapple Leaf Fiber/Kenaf Phenolic Hybrid Composites. Journal of Renewable Materials, 2018, 6, 38-46.	2.2	41
32	Effect of Fiber Loadings and Treatment on Dynamic Mechanical, Thermal and Flammability Properties of Pineapple Leaf Fiber and Kenaf Phenolic Composites. Journal of Renewable Materials, 2018, 6, 383-393.	2.2	80
33	A review on date palm (<i>Phoenix dactylifera</i>) fibers and its polymer composites. IOP Conference Series: Materials Science and Engineering, 2018, 368, 012009.	0.6	47
34	Physical and flammability properties of kenaf and pineapple leaf fibre hybrid composites. IOP Conference Series: Materials Science and Engineering, 2018, 368, 012018.	0.6	13
35	Potential of natural fiber/biomass filler-reinforced polymer composites in aerospace applications. , 2018, , 253-268.		38
36	Thermal, physical properties and flammability of silane treated kenaf/pineapple leaf fibres phenolic hybrid composites. Composite Structures, 2018, 202, 1330-1338.	5.8	117

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37	A Review on Phenolic Resin and its Composites. <i>Current Analytical Chemistry</i> , 2018, 14, 185-197.	1.2	106
38	Natural Fiber Improvement by Laccase; Optimization, Characterization and Application in Medium Density Fiberboard. <i>Journal of Natural Fibers</i> , 2017, 14, 379-389.	3.1	16
39	Effect of pineapple leaf fibre and kenaf fibre treatment on mechanical performance of phenolic hybrid composites. <i>Fibers and Polymers</i> , 2017, 18, 940-947.	2.1	52
40	Nanocellulose. , 2017, , 261-276.		50
41	Dimensional stability of pineapple leaf fibre reinforced phenolic composites. , 2017, , .		8
42	Processing of hybrid polymer compositesâ€™a review. , 2017, , 1-22.		39
43	Effect of Alkali and Silane Treatments on Mechanical and Fibre-matrix Bond Strength of Kenaf and Pineapple Leaf Fibres. <i>Journal of Bionic Engineering</i> , 2016, 13, 426-435.	5.0	268
44	Laccase, an Emerging Tool to Fabricate Green Composites: A Review. <i>BioResources</i> , 2015, 10, .	1.0	35
45	A Review on Pineapple Leaves Fibre and Its Composites. <i>International Journal of Polymer Science</i> , 2015, 2015, 1-16.	2.7	359
46	Improved Physical and Chemical Properties of Rubber Wood (<i>Hevea brasiliensis</i>) Fiber by Laccase. <i>Asian Journal of Agricultural Research</i> , 2015, 9, 166-172.	0.4	1
47	Laccase application in medium density fibreboard to prepare a bio-composite. <i>RSC Advances</i> , 2014, 4, 11520-11527.	3.6	32