

# Mohammad Jawaid

## List of Publications by Year in descending order

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524  
papers

31,093  
citations

6606

79  
h-index

7736

150  
g-index

585  
all docs

585  
docs citations

585  
times ranked

15640  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellulosic/synthetic fibre reinforced polymer hybrid composites: A review. Carbohydrate Polymers, 2011, 86, 1-18.	5.1	1,103
2	Characterization and properties of natural fiber polymer composites: A comprehensive review. Journal of Cleaner Production, 2018, 172, 566-581.	4.6	1,080
3	A Review on Natural Fiber Reinforced Polymer Composite and Its Applications. International Journal of Polymer Science, 2015, 2015, 1-15.	1.2	1,058
4	Production and modification of nanofibrillated cellulose using various mechanical processes: A review. Carbohydrate Polymers, 2014, 99, 649-665.	5.1	1,046
5	A review on dynamic mechanical properties of natural fibre reinforced polymer composites. Construction and Building Materials, 2016, 106, 149-159.	3.2	669
6	Bamboo fibre reinforced biocomposites: A review. Materials & Design, 2012, 42, 353-368.	5.1	588
7	A comprehensive review of techniques for natural fibers as reinforcement in composites: Preparation, processing and characterization. Carbohydrate Polymers, 2019, 207, 108-121.	5.1	584
8	A Review on Potentiality of Nano Filler/Natural Fiber Filled Polymer Hybrid Composites. Polymers, 2014, 6, 2247-2273.	2.0	550
9	Potential materials for food packaging from nanoclay/natural fibres filled hybrid composites. Materials & Design, 2013, 46, 391-410.	5.1	488
10	Mechanical properties of kenaf fibre reinforced polymer composite: A review. Construction and Building Materials, 2015, 76, 87-96.	3.2	446
11	Impact behaviour of hybrid composites for structural applications: A review. Composites Part B: Engineering, 2018, 133, 112-121.	5.9	384
12	Effect of jute fibre loading on tensile and dynamic mechanical properties of oil palm epoxy composites. Composites Part B: Engineering, 2013, 45, 619-624.	5.9	376
13	A Review on Pineapple Leaves Fibre and Its Composites. International Journal of Polymer Science, 2015, 2015, 1-16.	1.2	359
14	Isolation and characterization of microcrystalline cellulose from oil palm biomass residue. Carbohydrate Polymers, 2013, 93, 628-634.	5.1	335
15	Effect of Plasticizer Type and Concentration on Tensile, Thermal and Barrier Properties of Biodegradable Films Based on Sugar Palm (Arenga pinnata) Starch. Polymers, 2015, 7, 1106-1124.	2.0	335
16	Study on characterization of Furcraea foetida new natural fiber as composite reinforcement for lightweight applications. Carbohydrate Polymers, 2018, 181, 650-658.	5.1	323
17	Characterization of raw and alkali treated new natural cellulosic fibers from Tridax procumbens. International Journal of Biological Macromolecules, 2019, 125, 99-108.	3.6	299
18	Natural fiber reinforced polylactic acid composites: A review. Polymer Composites, 2019, 40, 446-463.	2.3	296

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19	Recent advances in epoxy resin, natural fiber-reinforced epoxy composites and their applications. <i>Journal of Reinforced Plastics and Composites</i> , 2016, 35, 447-470.	1.6	294
20	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.	2.7	268
21	Mechanical properties evaluation of sisal fibre reinforced polymer composites: A review. <i>Construction and Building Materials</i> , 2018, 174, 713-729.	3.2	256
22	Effect of layering sequence and chemical treatment on the mechanical properties of woven kenaf-aramid hybrid laminated composites. <i>Materials &amp; Design</i> , 2015, 67, 173-179.	5.1	232
23	A review on the characterisation of natural fibres and their composites after alkali treatment and water absorption. <i>Plastics, Rubber and Composites</i> , 2017, 46, 119-136.	0.9	231
24	Chemical resistance, void content and tensile properties of oil palm/jute fibre reinforced polymer hybrid composites. <i>Materials &amp; Design</i> , 2011, 32, 1014-1019.	5.1	228
25	Development of kenaf-glass reinforced unsaturated polyester hybrid composite for structural applications. <i>Composites Part B: Engineering</i> , 2014, 56, 68-73.	5.9	228
26	Effect of plasticizer type and concentration on physical properties of biodegradable films based on sugar palm ( <i>arenga pinnata</i> ) starch for food packaging. <i>Journal of Food Science and Technology</i> , 2016, 53, 326-336.	1.4	228
27	Properties of polylactic acid composites reinforced with oil palm biomass microcrystalline cellulose. <i>Carbohydrate Polymers</i> , 2013, 98, 139-145.	5.1	224
28	Woven hybrid composites: Tensile and flexural properties of oil palm-woven jute fibres based epoxy composites. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2011, 528, 5190-5195.	2.6	218
29	Cell wall ultrastructure, anatomy, lignin distribution, and chemical composition of Malaysian cultivated kenaf fiber. <i>Industrial Crops and Products</i> , 2010, 31, 113-121.	2.5	210
30	Corn and Rice Starch-Based Bio-Plastics as Alternative Packaging Materials. <i>Fibers</i> , 2019, 7, 32.	1.8	209
31	Thermal and dynamic mechanical properties of cellulose nanofibers reinforced epoxy composites. <i>International Journal of Biological Macromolecules</i> , 2017, 102, 822-828.	3.6	206
32	Lignocellulosic fiber reinforced composites: Progress, performance, properties, applications, and future perspectives. <i>Polymer Composites</i> , 2022, 43, 645-691.	2.3	182
33	Mechanical performance of oil palm empty fruit bunches/jute fibres reinforced epoxy hybrid composites. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2010, 527, 7944-7949.	2.6	181
34	Thermomechanical and dynamic mechanical properties of bamboo/woven kenaf mat reinforced epoxy hybrid composites. <i>Composites Part B: Engineering</i> , 2019, 163, 165-174.	5.9	181
35	Natural fiber reinforced conductive polymer composites as functional materials: A review. <i>Synthetic Metals</i> , 2015, 206, 42-54.	2.1	177
36	Woven hybrid biocomposites: Dynamic mechanical and thermal properties. <i>Composites Part A: Applied Science and Manufacturing</i> , 2012, 43, 288-293.	3.8	172

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37	Thermal, mechanical, and physical properties of seaweed/sugar palm fibre reinforced thermoplastic sugar palm Starch/Agar hybrid composites. International Journal of Biological Macromolecules, 2017, 97, 606-615.	3.6	169
38	Isolation and characterization of microcrystalline cellulose from roselle fibers. International Journal of Biological Macromolecules, 2017, 103, 931-940.	3.6	168
39	Biomass and bioenergy: An overview of the development potential in Turkey and Malaysia. Renewable and Sustainable Energy Reviews, 2017, 79, 1285-1302.	8.2	168
40	A new study on effect of various chemical treatments on Agave Americana fiber for composite reinforcement: Physico-chemical, thermal, mechanical and morphological properties. Polymer Testing, 2020, 85, 106437.	2.3	165
41	Recent developments in sugar palm ( Arenga pinnata ) based biocomposites and their potential industrial applications: A review. Renewable and Sustainable Energy Reviews, 2016, 54, 533-549.	8.2	157
42	Effect of fibre orientations on the mechanical properties of kenaf-aramid hybrid composites for spall-liner application. Defence Technology, 2016, 12, 52-58.	2.1	154
43	Development and characterization of sugar palm starch and poly(lactic acid) bilayer films. Carbohydrate Polymers, 2016, 146, 36-45.	5.1	150
44	Mechanical, morphological and structural properties of cellulose nanofibers reinforced epoxy composites. International Journal of Biological Macromolecules, 2017, 97, 190-200.	3.6	148
45	Flexural, thermal and dynamic mechanical properties of date palm fibres reinforced epoxy composites. Journal of Materials Research and Technology, 2019, 8, 853-860.	2.6	147
46	Influence of fiber content on mechanical, morphological and thermal properties of kenaf fibers reinforced poly(vinyl chloride)/thermoplastic polyurethane poly-blend composites. Materials & Design, 2014, 58, 130-135.	5.1	143
47	Thermal stability of natural fibers and their polymer composites. Iranian Polymer Journal (English) Tj ETQq1 1 0.784314 rgBT /Overlock 1.3 143	1.3	143
48	Isolation and characterization of nanocrystalline cellulose from roselle-derived microcrystalline cellulose. International Journal of Biological Macromolecules, 2018, 114, 54-63.	3.6	138
49	Lead and cadmium levels in blood samples from the general population of Sweden. Environmental Research, 1983, 30, 233-253.	3.7	134
50	Sisal/Carbon Fibre Reinforced Hybrid Composites: Tensile, Flexural and Chemical Resistance Properties. Journal of Polymers and the Environment, 2010, 18, 727-733.	2.4	129
51	Cassava/sugar palm fiber reinforced cassava starch hybrid composites: Physical, thermal and structural properties. International Journal of Biological Macromolecules, 2017, 101, 75-83.	3.6	128
52	Potential of bioenergy production from industrial kenaf (Hibiscus cannabinus L.) based on Malaysian perspective. Renewable and Sustainable Energy Reviews, 2015, 42, 446-459.	8.2	125
53	Enhanced Thermal and Dynamic Mechanical Properties of Synthetic/Natural Hybrid Composites with Graphene Nanoplatelets. Polymers, 2019, 11, 1085.	2.0	123
54	Physical and thermal properties of treated sugar palm/glass fibre reinforced thermoplastic polyurethane hybrid composites. Journal of Materials Research and Technology, 2019, 8, 3726-3732.	2.6	121

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55	A review on processing techniques of bast fibers nanocellulose and its polylactic acid (PLA) nanocomposites. <i>International Journal of Biological Macromolecules</i> , 2019, 121, 1314-1328.	3.6	120
56	Mechanical performance of woven kenaf-Kevlar hybrid composites. <i>Journal of Reinforced Plastics and Composites</i> , 2014, 33, 2242-2254.	1.6	119
57	Thermal, physical properties and flammability of silane treated kenaf/pineapple leaf fibres phenolic hybrid composites. <i>Composite Structures</i> , 2018, 202, 1330-1338.	3.1	117
58	Physicochemical and thermal properties of lignocellulosic fiber from sugar palm fibers: effect of treatment. <i>Cellulose</i> , 2016, 23, 2905-2916.	2.4	114
59	Characterization of natural fiber obtained from different parts of date palm tree ( <i>Phoenix dactylifera</i> ) Tj ETQq1 1 0.784314 rgBT /Ove	3.6	114
60	Characterization of new cellulosic fiber: <i>Dracaena reflexa</i> as a reinforcement for polymer composite structures. <i>Journal of Materials Research and Technology</i> , 2019, 8, 1952-1963.	2.6	113
61	A review on thermomechanical properties of polymers and fibers reinforced polymer composites. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 67, 1-11.	2.9	111
62	A <i>Jatropha</i> biomass as renewable materials for biocomposites and its applications. <i>Renewable and Sustainable Energy Reviews</i> , 2013, 22, 667-685.	8.2	107
63	Development and material properties of new hybrid plywood from oil palm biomass. <i>Materials &amp; Design</i> , 2010, 31, 417-424.	5.1	106
64	A Review on Phenolic Resin and its Composites. <i>Current Analytical Chemistry</i> , 2018, 14, 185-197.	0.6	106
65	Hybrid Composites Made from Oil Palm Empty Fruit Bunches/Jute Fibres: Water Absorption, Thickness Swelling and Density Behaviours. <i>Journal of Polymers and the Environment</i> , 2011, 19, 106-109.	2.4	103
66	A Study on Chemical Composition, Physical, Tensile, Morphological, and Thermal Properties of Roselle Fibre: Effect of Fibre Maturity. <i>BioResources</i> , 2014, 10, .	0.5	100
67	Characteristics of thermoplastic sugar palm Starch/Agar blend: Thermal, tensile, and physical properties. <i>International Journal of Biological Macromolecules</i> , 2016, 89, 575-581.	3.6	100
68	Mechanical, morphological, structural and dynamic mechanical properties of alkali treated Ensete stem fibers reinforced unsaturated polyester composites. <i>Composite Structures</i> , 2019, 207, 589-597.	3.1	100
69	Insights into the Current Trends in the Utilization of Bacteria for Microbially Induced Calcium Carbonate Precipitation. <i>Materials</i> , 2020, 13, 4993.	1.3	98
70	Magnesium hydroxide reinforced kenaf fibers/epoxy hybrid composites: Mechanical and thermomechanical properties. <i>Construction and Building Materials</i> , 2019, 201, 138-148.	3.2	97
71	Quasi-static penetration and ballistic properties of kenaf-aramid hybrid composites. <i>Materials &amp; Design</i> , 2014, 63, 775-782.	5.1	90
72	Mechanical and thermal properties of polypropylene reinforced with almond shells particles: Impact of chemical treatments. <i>Journal of Bionic Engineering</i> , 2015, 12, 483-494.	2.7	90

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73	Tensile, physical and morphological properties of oil palm empty fruit bunch/sugarcane bagasse fibre reinforced phenolic hybrid composites. <i>Journal of Materials Research and Technology</i> , 2019, 8, 3466-3474.	2.6	90
74	Low velocity impact behaviour and post-impact characteristics of kenaf/glass hybrid composites with various weight ratios. <i>Journal of Materials Research and Technology</i> , 2019, 8, 2662-2673.	2.6	90
75	Mechanical and physical properties of sisal and hybrid sisal fiber-reinforced polymer composites. , 2019, , 427-440.		90
76	Development and characterization of epoxy nanocomposites based on nano-structured oil palm ash. <i>Composites Part B: Engineering</i> , 2013, 53, 324-333.	5.9	89
77	Morphological, chemical and thermal analysis of cellulose nanocrystals extracted from bamboo fibre. <i>International Journal of Biological Macromolecules</i> , 2020, 160, 183-191.	3.6	89
78	Effect of Alkali and Silane Treatments on Mechanical and Interfacial Bonding Strength of Sugar Palm Fibers with Thermoplastic Polyurethane. <i>Journal of Natural Fibers</i> , 2018, 15, 251-261.	1.7	88
79	The Effect of Silane Treated Fibre Loading on Mechanical Properties of Pineapple Leaf/Kenaf Fibre Filler Phenolic Composites. <i>Journal of Polymers and the Environment</i> , 2018, 26, 1520-1527.	2.4	87
80	A review on flammability of epoxy polymer, cellulosic and non-cellulosic fiber reinforced epoxy composites. <i>Polymers for Advanced Technologies</i> , 2016, 27, 577-590.	1.6	86
81	Thermal degradation and viscoelastic properties of Kevlar/Cocos nucifera sheath reinforced epoxy hybrid composites. <i>Composite Structures</i> , 2019, 219, 194-202.	3.1	84
82	Effect of stacking sequence on properties of coconut leaf sheath/jute/E-glass reinforced phenol formaldehyde hybrid composites. <i>Journal of Industrial Textiles</i> , 2019, 49, 3-32.	1.1	83
83	Date palm reinforced epoxy composites: tensile, impact and morphological properties. <i>Journal of Materials Research and Technology</i> , 2019, 8, 3959-3969.	2.6	82
84	Mechanical performance of oil palm/kenaf fiber-reinforced epoxy-based bilayer hybrid composites. <i>Journal of Natural Fibers</i> , 2020, 17, 155-167.	1.7	82
85	Recent development in binderless fiber-board fabrication from agricultural residues: A review. <i>Construction and Building Materials</i> , 2019, 211, 502-516.	3.2	81
86	A Review on the Tensile Properties of Bamboo Fiber Reinforced Polymer Composites. <i>BioResources</i> , 2016, 11, 10654-10676.	0.5	80
87	Preparation and characterization of nanocomposite films from oil palm pulp nanocellulose/poly (Vinyl alcohol) by casting method. <i>Carbohydrate Polymers</i> , 2018, 191, 103-111.	5.1	80
88	Effect of Fiber Loadings and Treatment on Dynamic Mechanical, Thermal and Flammability Properties of Pineapple Leaf Fiber and Kenaf Phenolic Composites. <i>Journal of Renewable Materials</i> , 2018, 6, 383-393.	1.1	80
89	Water absorption, thickness swelling and thermal properties of roselle/sugar palm fibre reinforced thermoplastic polyurethane hybrid composites. <i>Journal of Materials Research and Technology</i> , 2019, 8, 3988-3994.	2.6	80
90	Effect of coir fiber loading on mechanical and morphological properties of oil palm fibers reinforced polypropylene composites. <i>Polymer Composites</i> , 2014, 35, 1418-1425.	2.3	79

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91	Accelerated weathering and soil burial effects on colour, biodegradability and thermal properties of bamboo/kenaf/epoxy hybrid composites. <i>Polymer Testing</i> , 2019, 79, 106054.	2.3	79
92	Physico-chemical and thermal properties of untreated and treated <i>Acacia planifrons</i> bark fibers for composite reinforcement. <i>Materials Letters</i> , 2019, 240, 221-224.	1.3	79
93	Characterization of natural cellulosic fiber from bark of <i>Albizia amara</i> . <i>Journal of Natural Fibers</i> , 2019, 16, 1124-1131.	1.7	79
94	Effect of sago starch and plasticizer content on the properties of thermoplastic films: mechanical testing and cyclic soaking-drying. <i>Polimery</i> , 2019, 64, 422-431.	0.4	79
95	Natural fiber reinforced poly(vinyl chloride) composites: A review. <i>Journal of Reinforced Plastics and Composites</i> , 2013, 32, 330-356.	1.6	78
96	Synthesis and characterization of cellulosic fiber from red banana peduncle as reinforcement for potential applications. <i>Journal of Natural Fibers</i> , 2019, 16, 768-780.	1.7	78
97	Effect of Various Chemical Treatments of <i>Prosopis juliflora</i> Fibers as Composite Reinforcement: Physicochemical, Thermal, Mechanical, and Morphological Properties. <i>Journal of Natural Fibers</i> , 2020, 17, 833-844.	1.7	78
98	Effect of seaweed on mechanical, thermal, and biodegradation properties of thermoplastic sugar palm starch/agar composites. <i>International Journal of Biological Macromolecules</i> , 2017, 99, 265-273.	3.6	77
99	Potential of natural/synthetic hybrid composites for aerospace applications. , 2018, , 315-351.		77
100	Evaluation of mechanical and free vibration properties of the pineapple leaf fibre reinforced polyester composites. <i>Construction and Building Materials</i> , 2019, 195, 423-431.	3.2	77
101	A Review on Polyurethane and its Polymer Composites. <i>Current Organic Synthesis</i> , 2017, 14, 233-248.	0.7	77
102	Mechanical, dynamic, and thermomechanical properties of coir/pineapple leaf fiber reinforced polylactic acid hybrid biocomposites. <i>Polymer Composites</i> , 2019, 40, 2000-2011.	2.3	75
103	Dynamic and thermo-mechanical properties of hybridized kenaf/PALF reinforced phenolic composites. <i>Polymer Composites</i> , 2019, 40, 3814-3822.	2.3	74
104	Physical, mechanical and biodegradable properties of kenaf/coir hybrid fiber reinforced polymer nanocomposites. <i>Materials Today Communications</i> , 2015, 4, 69-76.	0.9	73
105	Alkali treated coir/pineapple leaf fibres reinforced PLA hybrid composites: Evaluation of mechanical, morphological, thermal and physical properties. <i>EXPRESS Polymer Letters</i> , 2020, 14, 717-730.	1.1	73
106	Activated Carbon from Various Agricultural Wastes by Chemical Activation with KOH: Preparation and Characterization. <i>Journal of Biobased Materials and Bioenergy</i> , 2013, 7, 708-714.	0.1	71
107	Evaluation of Mechanical, Physical, and Morphological Properties of Epoxy Composites Reinforced with Different Date Palm Fillers. <i>Materials</i> , 2019, 12, 2145.	1.3	71
108	Void Content, Tensile, Vibration and Acoustic Properties of Kenaf/Bamboo Fiber Reinforced Epoxy Hybrid Composites. <i>Materials</i> , 2019, 12, 2094.	1.3	71



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109	Effect of various plasticizers and concentration on the physical, thermal, mechanical, and structural properties of cassava starch-based films. <i>Starch/Staerke</i> , 2017, 69, 1500366.	1.1	70
110	Mechanical and moisture diffusion behaviour of hybrid Kevlar/Cocos nucifera sheath reinforced epoxy composites. <i>Journal of Materials Research and Technology</i> , 2019, 8, 1308-1318.	2.6	70
111	Thermal properties of sugar palm/glass fiber reinforced thermoplastic polyurethane hybrid composites. <i>Composite Structures</i> , 2018, 202, 954-958.	3.1	69
112	Low velocity impact and compression after impact properties of hybrid bio-composites modified with multi-walled carbon nanotubes. <i>Composites Part B: Engineering</i> , 2019, 163, 455-463.	5.9	69
113	Effects of Surface Treatments on Tensile, Thermal and Fibre-matrix Bond Strength of Coir and Pineapple Leaf Fibres with Poly Lactic Acid. <i>Journal of Bionic Engineering</i> , 2018, 15, 1035-1046.	2.7	68
114	The effects of chemical treatment on the structural and thermal, physical, and mechanical and morphological properties of roselle fiber reinforced vinyl ester composites. <i>Polymer Composites</i> , 2018, 39, 274-287.	2.3	67
115	A review on the orthotics and prosthetics and the potential of kenaf composites as alternative materials for ankle-foot orthosis. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 99, 169-185.	1.5	67
116	Characterization of alkali treated new cellulosic fibre from <i>Cyrtostachys renda</i> . <i>Journal of Materials Research and Technology</i> , 2020, 9, 3537-3546.	2.6	67
117	Preparation and properties of cellulose nanocomposite films with in situ generated copper nanoparticles using <i>Terminalia catappa</i> leaf extract. <i>International Journal of Biological Macromolecules</i> , 2017, 95, 1064-1071.	3.6	65
118	Effect of cellulose nano fibers and nano clays on the mechanical, morphological, thermal and dynamic mechanical performance of kenaf/epoxy composites. <i>Carbohydrate Polymers</i> , 2020, 239, 116248.	5.1	65
119	A Review on Roselle Fiber and Its Composites. <i>Journal of Natural Fibers</i> , 2016, 13, 10-41.	1.7	62
120	Preparation and characterization of cassava bagasse reinforced thermoplastic cassava starch. <i>Fibers and Polymers</i> , 2017, 18, 162-171.	1.1	62
121	Flax and sugar palm reinforced epoxy composites: effect of hybridization on physical, mechanical, morphological and dynamic mechanical properties. <i>Materials Research Express</i> , 2019, 6, 105331.	0.8	62
122	Development of active agents filled polylactic acid films for food packaging application. <i>International Journal of Biological Macromolecules</i> , 2020, 163, 1451-1457.	3.6	61
123	Mechanical and physical performance of date palm/bamboo fibre reinforced epoxy hybrid composites. <i>Journal of Materials Research and Technology</i> , 2021, 15, 1330-1341.	2.6	61
124	Effect of Sugar Palm-derived Cellulose Reinforcement on the Mechanical and Water Barrier Properties of Sugar Palm Starch Biocomposite Films. <i>BioResources</i> , 2016, 11, .	0.5	60
125	Investigating ballistic impact properties of woven kenaf-aramid hybrid composites. <i>Fibers and Polymers</i> , 2016, 17, 275-281.	1.1	60
126	Measurement of ballistic impact properties of woven kenaf-aramid hybrid composites. <i>Measurement: Journal of the International Measurement Confederation</i> , 2016, 77, 335-343.	2.5	60



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127	EFFECT OF DEGREE OF DEACETYLATION OF CHITOSAN ON THERMAL STABILITY AND COMPATIBILITY OF CHITOSAN-POLYAMIDE BLEND. <i>BioResources</i> , 2012, 7, .	0.5	59
128	Dry sliding wear behavior of untreated and treated sugar palm fiber filled phenolic composites using factorial technique. <i>Wear</i> , 2017, 380-381, 26-35.	1.5	59
129	Effect of benzoyl treatment on flexural and compressive properties of sugar palm/glass fibres/epoxy hybrid composites. <i>Polymer Testing</i> , 2018, 71, 362-369.	2.3	59
130	The Effects of Stacking Sequence on the Tensile and Flexural Properties of Kenaf/Jute Fibre Hybrid Composites. <i>Journal of Natural Fibers</i> , 2021, 18, 452-463.	1.7	58
131	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.	3.1	58
132	Water absorption and water solubility properties of sago starch biopolymer composite films filled with sugar palm particles. <i>Polimery</i> , 2019, 64, 596-604.	0.4	58
133	Effect of jute fibre loading on the mechanical and thermal properties of oil palm epoxy composites. <i>Journal of Composite Materials</i> , 2013, 47, 1633-1641.	1.2	57
134	Processing and Properties of Date Palm Fibers and Its Composites. , 2014, , 1-25.		57
135	Morphological, Physiochemical and Thermal Properties of Microcrystalline Cellulose (MCC) Extracted from Bamboo Fiber. <i>Molecules</i> , 2020, 25, 2824.	1.7	57
136	Accelerated Weathering and Soil Burial Effect on Biodegradability, Colour and Texture of Coir/Pineapple Leaf Fibres/PLA Biocomposites. <i>Polymers</i> , 2020, 12, 458.	2.0	57
137	Mechanical Properties of Fibre-Metal Laminates Made of Natural/Synthetic Fibre Composites. <i>BioResources</i> , 2017, 13, .	0.5	56
138	A New Study on Characterization and Properties of Natural Fibers Obtained from Olive Tree (Olea Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	2.4	56
139	Extraction and characterization of vetiver grass ( <i>Chrysopogon zizanioides</i> ) and kenaf fiber ( <i>Hibiscus</i> ) Tj ETQq1 1 0.784314 rgBT /Over Research and Technology, 2020, 9, 773-778.	2.6	56
140	Cell Wall Morphology, Chemical and Thermal Analysis of Cultivated Pineapple Leaf Fibres for Industrial Applications. <i>Journal of Polymers and the Environment</i> , 2012, 20, 404-411.	2.4	55
141	Influence of exfoliated graphite nanoplatelets on the flammability and thermal properties of polyethylene terephthalate/polypropylene nanocomposites. <i>Polymer Degradation and Stability</i> , 2014, 110, 137-148.	2.7	55
142	Physical and mechanical properties of sugar palm/glass fiber reinforced thermoplastic polyurethane hybrid composites. <i>Journal of Materials Research and Technology</i> , 2019, 8, 950-959.	2.6	54
143	Micro Crystalline Bamboo Cellulose Based Seaweed Biodegradable Composite Films for Sustainable Packaging Material. <i>Journal of Polymers and the Environment</i> , 2019, 27, 1602-1612.	2.4	54
144	Mechanical and thermal properties of exfoliated graphite nanoplatelets reinforced polyethylene terephthalate/polypropylene composites. <i>Polymer Composites</i> , 2014, 35, 2029-2035.	2.3	53

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145	Analysing impact properties of CNT filled bamboo/glass hybrid nanocomposites through drop-weight impact testing, UWPI and compression-after-impact behaviour. <i>Composites Part B: Engineering</i> , 2019, 168, 166-174.	5.9	53
146	New Lignocellulosic <i>Aristida adscensionis</i> Fibers as Novel Reinforcement for Composite Materials: Extraction, Characterization and Weibull Distribution Analysis. <i>Journal of Polymers and the Environment</i> , 2020, 28, 803-811.	2.4	53
147	Properties and characteristics of nanocrystalline cellulose isolated from olive fiber. <i>Carbohydrate Polymers</i> , 2020, 241, 116423.	5.1	53
148	Pedestrian environment and behavior in Karachi, Pakistan. <i>Accident Analysis and Prevention</i> , 1999, 31, 335-339.	3.0	52
149	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.	1.1	52
150	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.	2.6	52
151	Effects of nanoclay on physical and dimensional stability of Bamboo/Kenaf/nanoclay reinforced epoxy hybrid nanocomposites. <i>Journal of Materials Research and Technology</i> , 2020, 9, 5871-5880.	2.6	52
152	Influence of fibre contents on mechanical and thermal properties of roselle fibre reinforced polyurethane composites. <i>Fibers and Polymers</i> , 2017, 18, 1353-1358.	1.1	51
153	Characterization of microcrystalline cellulose extracted from olive fiber. <i>International Journal of Biological Macromolecules</i> , 2020, 156, 347-353.	3.6	51
154	The mechanical performance of sugar palm fibres (ijuk) reinforced phenolic composites. <i>International Journal of Precision Engineering and Manufacturing</i> , 2016, 17, 1001-1008.	1.1	50
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