

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
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585
all docs

585
docs citations

585
times ranked

15640
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical and physical properties analysis of olive biomass and bamboo reinforced epoxy-based hybrid composites. <i>Biomass Conversion and Biorefinery</i> , 2024, 14, 7959-7969.	2.9	5
2	Sage biomass powders by supercritical fluid extraction and hydro-distillation techniques: a comparative study of biological and chemical properties. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 13091-13101.	2.9	3
3	Synthesis of <i>N</i> -Methylspiropyrrolidine Hybrids for Their Structural Characterization, Biological and Molecular Docking Studies. <i>Polycyclic Aromatic Compounds</i> , 2023, 43, 2430-2443.	1.4	3
4	Extraction and Characterization of Cellulose Fibers from the Stem of <i>Momordica Charantia</i> . <i>Journal of Natural Fibers</i> , 2022, 19, 2232-2242.	1.7	38
5	Extraction and Characterization of Natural Fibers from <i>Citrullus lanatus</i> Climber. <i>Journal of Natural Fibers</i> , 2022, 19, 621-629.	1.7	49
6	Characterization of New Cellulosic <i>Cyrtostachys renda</i> and <i>Ptychosperma macarthurii</i> Fibers from Landscaping Plants. <i>Journal of Natural Fibers</i> , 2022, 19, 669-684.	1.7	17
7	A comprehensive review of coconut shell powder composites: Preparation, processing, and characterization. <i>Journal of Thermoplastic Composite Materials</i> , 2022, 35, 2641-2664.	2.6	26
8	Physical and Mechanical Properties of Paper Made from Beaten Empty Fruit Bunch Fiber Incorporated with Microcrystalline Cellulose. <i>Journal of Natural Fibers</i> , 2022, 19, 999-1011.	1.7	8
9	New Cellulosic Fibers from <i>Washingtonia</i> Tree Agro-wastes: Structural, Morphological, and Thermal Properties. <i>Journal of Natural Fibers</i> , 2022, 19, 5333-5343.	1.7	17
10	Synthesis, Characterization, Molecular Docking and Antimicrobial Activity of Novel Spiropyrrolidine Derivatives. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 5385-5397.	1.4	8
11	Crashworthiness Response of Filament Wound Kenaf/Glass Fibre-reinforced Epoxy Composite Tubes with Influence of Stacking Sequence under Intermediate-velocity Impact Load. <i>Fibers and Polymers</i> , 2022, 23, 222-233.	1.1	30
12	Structural, Morphological and Thermal Properties of Nano Filler Produced from Date Palm-Based Micro Fibers (<i>Phoenix dactylifera</i> L.). <i>Journal of Polymers and the Environment</i> , 2022, 30, 622-630.	2.4	8
13	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.	2.4	11
14	Characterization of Active Polybutylene Succinate Films Filled Essential Oils for Food Packaging Application. <i>Journal of Polymers and the Environment</i> , 2022, 30, 585-596.	2.4	18
15	Olive fiber reinforced epoxy composites: Dimensional Stability, and mechanical properties. <i>Polymer Composites</i> , 2022, 43, 358-365.	2.3	22
16	Sustainable kenaf/bamboo fibers/clay hybrid nanocomposites: properties, environmental aspects and applications. <i>Journal of Cleaner Production</i> , 2022, 330, 129938.	4.6	40
17	Chemo-enzymatic functionalized sustainable cellulosic membranes: Impact of regional selectivity on ions capture and antifouling behavior. <i>Carbohydrate Polymers</i> , 2022, 278, 118937.	5.1	1
18	Lignocellulosic fiber reinforced composites: Progress, performance, properties, applications, and future perspectives. <i>Polymer Composites</i> , 2022, 43, 645-691.	2.3	182

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19	Fatigue and impact properties of 3D printed PLA reinforced with kenaf particles. <i>Journal of Materials Research and Technology</i> , 2022, 16, 461-470.	2.6	41
20	Comparative study of flexural properties prediction of <i>Washingtonia filifera</i> rachis biochar bio-mortar by ANN and RSM models. <i>Construction and Building Materials</i> , 2022, 318, 125985.	3.2	34
21	Wear properties of nanoclay modified basalt fibre composites under dry adhesive sliding, two-body abrasive, and slurry pot erosive. <i>Polymer Bulletin</i> , 2022, 79, 10823-10840.	1.7	1
22	Bioepoxy based hybrid composites from nano-fillers of chicken feather and lignocellulose <i>Ceiba Pentandra</i> . <i>Scientific Reports</i> , 2022, 12, 397.	1.6	43
23	Donor moieties with Dâ€“â€“a framing modulated electronic and nonlinear optical properties for non-fullerene-based chromophores. <i>RSC Advances</i> , 2022, 12, 4209-4223.	1.7	15
24	A comparative assessment of chemical, mechanical, and thermal characteristics of treated oil palm/pineapple fiber/bio phenolic composites. <i>Polymer Composites</i> , 2022, 43, 2115-2128.	2.3	15
25	Extraction and Characterization of a New Lignocellulosic Fiber from <i>Yucca Treculeana</i> L. Leaf as Potential Reinforcement for Industrial Biocomposites. <i>Journal of Natural Fibers</i> , 2022, 19, 12235-12250.	1.7	16
26	Olive Cellulosic Fibre Based Epoxy Composites: Thermal and Dynamic Mechanical Properties. <i>Journal of Natural Fibers</i> , 2022, 19, 12182-12194.	1.7	8
27	Physical, thermal and tensile behaviour of 3D printed kenaf/PLA to suggest its usability for ankleâ€“foot orthosis â€“ a preliminary study. <i>Rapid Prototyping Journal</i> , 2022, 28, 1573-1588.	1.6	11
28	Influence of Peripheral Modification of Electron Acceptors in Nonfullerene (O-IDTBR1)-Based Derivatives on Nonlinear Optical Response: DFT/TDDFT Study. <i>ACS Omega</i> , 2022, 7, 11631-11642.	1.6	14
29	Improving the thermal properties of olive/bamboo fiberâ€“based epoxy hybrid composites. <i>Polymer Composites</i> , 2022, 43, 3167-3174.	2.3	18
30	Preparation of Styrene-Butadiene Rubber (SBR) Composite Incorporated with Collagen-Functionalized Graphene Oxide for Green Tire Application. <i>Gels</i> , 2022, 8, 161.	2.1	15
31	Preparation and characterization of lignin/nano graphene oxide/styrene butadiene rubber composite for automobile tyre application. <i>International Journal of Biological Macromolecules</i> , 2022, 206, 363-370.	3.6	9
32	Structural, thermal, mechanical and physical properties of <i>Washingtonia filifera</i> fibres reinforced thermoplastic biocomposites. <i>Materials Today Communications</i> , 2022, 31, 103574.	0.9	18
33	Performance Evaluation of Calcium Alkali-treated Oil Palm/Pineapple Fibre/Bio-phenolic Composites. <i>Journal of Bionic Engineering</i> , 2022, 19, 1493-1503.	2.7	7
34	Effect of alkali surface treatment and compatibilizer agent on tensile and morphological properties of date palm fibersâ€“based high density polyethylene biocomposites. <i>Polymer Composites</i> , 2022, 43, 7211-7221.	2.3	2
35	Mechanical, Morphological and Dynamic Mechanical Analysis of Pineapple Leaf/ <i>Washingtonia</i> Trunk Fibres Based Biophenolic Hybrid Composites. <i>Journal of Polymers and the Environment</i> , 2022, 30, 4157-4165.	2.4	3
36	Areca/synthetic fibers reinforced based epoxy hybrid composites for semiâ€“structural applications. <i>Polymer Composites</i> , 2022, 43, 5222-5234.	2.3	15

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37	Mechanical and thermal properties of flax/carbon/kevlar based epoxy hybrid composites. <i>Polymer Composites</i> , 2022, 43, 5649-5662.	2.3	19
38	Characterization of Lignocellulosic Biomass from Malaysian™s Yankee Pineapple AC6 Toward Composite Application. <i>Journal of Natural Fibers</i> , 2021, 18, 2006-2018.	1.7	18
39	Effect of Surface Treatment on the Performance of Polyester Composite Filled with Waste Glove Rubber Crumbs. <i>Waste and Biomass Valorization</i> , 2021, 12, 1061-1074.	1.8	18
40	Sandwich-structured bamboo powder/glass fibre-reinforced epoxy hybrid composites – Mechanical performance in static and dynamic evaluations. <i>Journal of Sandwich Structures and Materials</i> , 2021, 23, 47-64.	2.0	30
41	Cellulose nanocrystal extracted from date palm fibre: Morphological, structural and thermal properties. <i>Industrial Crops and Products</i> , 2021, 159, 113075.	2.5	50
42	Mechanical and dynamic mechanical thermal properties of ensete fiber/woven glass fiber fabric hybrid composites. <i>Composite Structures</i> , 2021, 259, 113221.	3.1	35
43	Potential of oil palm empty fruit bunch (OPEFB) and sugarcane bagasse fibers for thermal insulation application – A review. <i>Construction and Building Materials</i> , 2021, 271, 121519.	3.2	39
44	Morphological, structural, and thermal analysis of three part of Conocarpus cellulosic fibres. <i>Journal of Materials Research and Technology</i> , 2021, 10, 24-33.	2.6	16
45	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
46	Abrasive Wear Behavior of CNT-Filled Unidirectional Kenaf–Epoxy Composites. <i>Processes</i> , 2021, 9, 128.	1.3	7
47	Various Types of Natural Fibers Reinforced Poly-Lactic Acid Composites. <i>Composites Science and Technology</i> , 2021, , 165-180.	0.4	0
48	Manufacturing Automotive Components from Sustainable Natural Fiber Composites. <i>SpringerBriefs in Materials</i> , 2021, , .	0.1	8
49	Natural Fiber Reinforcement Preparation. <i>SpringerBriefs in Materials</i> , 2021, , 11-22.	0.1	0
50	Dynamic mechanical characters of PEG/zircon composites around PEG glassy region. <i>Materials Today: Proceedings</i> , 2021, 44, 3285-3288.	0.9	4
51	Low Velocity Impact, Ultrasonic C-Scan and Compression After Impact of Kenaf/Jute Hybrid Composites. <i>Composites Science and Technology</i> , 2021, , 73-85.	0.4	7
52	Sustainability Assessment and Recycling of Natural Fiber Composites. <i>SpringerBriefs in Materials</i> , 2021, , 67-75.	0.1	1
53	Natural Fiber Composite Fabrication for the Automotive Industry. <i>SpringerBriefs in Materials</i> , 2021, , 23-52.	0.1	1
54	Effects of Nanoclay on Mechanical and Dynamic Mechanical Properties of Bamboo/Kenaf Reinforced Epoxy Hybrid Composites. <i>Polymers</i> , 2021, 13, 395.	2.0	36

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55	Effect of NaOH Treatment of Cellulosic Lipstick Palm Fiber on Tensile and Fiber-Matrix Interfacial Strength with Phenolic Resin. Lecture Notes in Mechanical Engineering, 2021, , 831-839.	0.3	0
56	Surface functionalization of cellulose biocomposite for food packaging application. , 2021, , 255-269.		3
57	A Low Velocity Impact Properties of Hybrid of Pineapple Leaf Fibre and Kenaf Fibre Reinforced Vinyl Ester Composites. Composites Science and Technology, 2021, , 131-142.	0.4	0
58	The Effects of Stacking Sequence on Dynamic Mechanical Properties and Thermal Degradation of Kenaf/Jute Hybrid Composites. Journal of Renewable Materials, 2021, 9, 73-84.	1.1	9
59	Fabrication and Characterization of Novel Poly(d-Lactic Acid) Nanocomposite Membrane for Water Filtration Purpose. Nanomaterials, 2021, 11, 255.	1.9	6
60	Nanocellulose Reinforced Polylactic Acid Bionanocomposites. Composites Science and Technology, 2021, , 181-194.	0.4	3
61	Morphological, Structural, Thermal, Permeability, and Antimicrobial Activity of PBS and PBS/TPS Films Incorporated with Biomaster-Silver for Food Packaging Application. Polymers, 2021, 13, 391.	2.0	15
62	Extraction and Characterization of Microcrystalline Cellulose from Date Palm Fibers using Successive Chemical Treatments. Journal of Polymers and the Environment, 2021, 29, 1990-1999.	2.4	38
63	Effect of Wear Conditions, Parameters and Sliding Motions on Tribological Characteristics of Basalt and Glass Fibre Reinforced Epoxy Composites. Materials, 2021, 14, 701.	1.3	10
64	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.	2.0	27
65	Morphology, Structural, Thermal, and Tensile Properties of Bamboo Microcrystalline Cellulose/Poly(Lactic Acid)/Poly(Butylene Succinate) Composites. Polymers, 2021, 13, 465.	2.0	23
66	Optimization and empirical modelling of physical properties of hydrothermally treated oil palm wood in different buffered media using response surface methodology. BioResources, 2021, 16, 2385-2405.	0.5	1
67	Mechanical and Morphological Properties of Bio-Phenolic/Epoxy Polymer Blends. Molecules, 2021, 26, 773.	1.7	8
68	Bamboo Fiber Based Cellulose Nanocrystals/Poly(Lactic Acid)/Poly(Butylene Succinate) Nanocomposites: Morphological, Mechanical and Thermal Properties. Polymers, 2021, 13, 1076.	2.0	19
69	Effects of oil palm and montmorillonite nanofillers on stiffness and interfacial adhesion of kenaf/epoxy hybrid nanocomposites. Polymer Composites, 2021, 42, 2948-2957.	2.3	6
70	Effect of surface treatment on mechanical, physical and morphological properties of oil palm/bagasse fiber reinforced phenolic hybrid composites for wall thermal insulation application. Construction and Building Materials, 2021, 276, 122239.	3.2	34
71	Physico-mechanical and Flammability Properties of Cyrtostachys renda Fibers Reinforced Phenolic Resin Bio-composites. Journal of Polymers and the Environment, 2021, 29, 3703-3720.	2.4	11
72	Compressive, dynamic and thermo-mechanical properties of cellulosic pineapple leaf fibre/polyester composites: Influence of alkali treatment on adhesion. International Journal of Adhesion and Adhesives, 2021, 106, 102823.	1.4	26

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73	Extraction and Characterization of Fiber Treatment Inula viscosa Fibers as Potential Polymer Composite Reinforcement. Journal of Polymers and the Environment, 2021, 29, 3779-3793.	2.4	28
74	Preparation, Characterization and Properties of Biodegradable Composites from Bamboo Fibersâ€”Mechanical and Morphological Study. Journal of Polymers and the Environment, 2021, 29, 4120-4126.	2.4	9
75	Evaluation of Thermal and Acoustic Properties of Oil Palm Empty Fruit Bunch/Sugarcane Bagasse Fibres Based Hybrid Composites for Wall Buildings Thermal Insulation. Fibers and Polymers, 2021, 22, 2563-2571.	1.1	7
76	Advancement in Graphene-Based Materials and Their Nacre Inspired Composites for Armour Applicationsâ€”A Review. Nanomaterials, 2021, 11, 1239.	1.9	16
77	Fabrication of Reproducible and Selective Ammonia Vapor Sensor-Pellet of Polypyrrole/Cerium Oxide Nanocomposite for Prompt Detection at Room Temperature. Polymers, 2021, 13, 1829.	2.0	18
78	Natural Fibre-Reinforced Composite for Ballistic Applications: A Review. Journal of Polymers and the Environment, 2021, 29, 3795-3812.	2.4	31
79	Mechanical Properties of Hybrid Graphene Nanoplatelet-Nanosilica Filled Unidirectional Basalt Fibre Composites. Nanomaterials, 2021, 11, 1468.	1.9	12
80	Isolation and Production of Nanocrystalline Cellulose from Conocarpus Fiber. Polymers, 2021, 13, 1835.	2.0	18
81	Novel Aminosilane (APTES)-Grafted Polyaniline@Graphene Oxide (PANI-GO) Nanocomposite for Electrochemical Sensor. Polymers, 2021, 13, 2562.	2.0	19
82	Extraction of nanocellulose from sugarcane bagasse and its characterization for potential applications. Polymer Composites, 2021, 42, 5400-5412.	2.3	39
83	Effect of surface modified date palm fibre loading on mechanical, thermal properties of date palm reinforced phenolic composites. Composite Structures, 2021, 267, 113913.	3.1	58
84	A numerical failure analysis of laser micromachining in various thermoplastics. International Journal of Advanced Manufacturing Technology, 2021, 117, 523-538.	1.5	3
85	Characterization of physical and mechanical properties of recycled jute fabric reinforced polypropylene composites. Polymer Composites, 2021, 42, 5435-5444.	2.3	11
86	Effect of solution blown nanofibers on Modeâ€”I fracture toughness and dynamic mechanical properties of carbon fiberâ€”reinforced composites. Polymer Composites, 2021, 42, 5445.	2.3	6
87	Assessment and detection of the potential contaminants from oil palm empty fruit bunch fiber-based biodegradable tray. Food Packaging and Shelf Life, 2021, 29, 100685.	3.3	6
88	Effect of compatibilizer and fiber loading on ensete fiber-reinforced HDPE green composites: Physical, mechanical, and morphological properties. Composites Science and Technology, 2021, 213, 108937.	3.8	24
89	Low-Velocity Impact Analysis of Pineapple Leaf Fiber (PALF) Hybrid Composites. Polymers, 2021, 13, 3194.	2.0	9
90	Design and Synthesis of Bioinspired Benzocoumarinâ€”Chalcones Chimeras as Potential Antiâ€”Breast Cancer Agents. ChemistrySelect, 2021, 6, 8754-8765.	0.7	11

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91	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.	1.3	22
92	Mechanical Performance of Granite Fine Fly Dust-Filled Basalt/Glass Polyurethane Polymer Hybrid Composites. <i>Polymers</i> , 2021, 13, 3032.	2.0	3
93	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.	2.3	20
94	Extraction of Microcrystalline Cellulose from Washingtonia Fibre and Its Characterization. <i>Polymers</i> , 2021, 13, 3030.	2.0	15
95	Advancement in fiber reinforced polymer, metal alloys and multi-layered armour systems for ballistic applications – A review. <i>Journal of Materials Research and Technology</i> , 2021, 15, 1300-1317.	2.6	30
96	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
97	Effect of tetraethoxysilane on the dimensional stability and static bending properties of nanocellulose, tannin, and activated carbon mixed with epoxy resin. <i>Journal of Materials Research and Technology</i> , 2021, 15, 416-426.	2.6	1
98	Energy security index of Pakistan (ESIOP). <i>Energy Strategy Reviews</i> , 2021, 38, 100710.	3.3	18
99	Improvements in the thermal behaviour of date palm/bamboo fibres reinforced epoxy hybrid composites. <i>Composite Structures</i> , 2021, 277, 114644.	3.1	45
100	Exposome, Biomonitoring, Assessment and Data Analytics to Quantify Universal Water Quality. <i>Advanced Sciences and Technologies for Security Applications</i> , 2021, , 67-114.	0.4	17
101	Natural Fiber Composite Qualification in the Automotive Industry. <i>SpringerBriefs in Materials</i> , 2021, , 53-65.	0.1	3
102	Melt- vs. Non-Melt Blending of Complexly Processable Ultra-High Molecular Weight Polyethylene/Cellulose Nanofiber Bionanocomposite. <i>Polymers</i> , 2021, 13, 404.	2.0	12
103	Future Trends in Natural Fiber Composites in the Automotive Industry. <i>SpringerBriefs in Materials</i> , 2021, , 77-83.	0.1	1
104	Efficient Synthesis and Characterization of Polyaniline@Aluminium–Succinate Metal-Organic Frameworks Nanocomposite and Its Application for Zn(II) Ion Sensing. <i>Polymers</i> , 2021, 13, 3383.	2.0	6
105	Physical, Mechanical, and Morphological Properties of Hybrid <i>Cyrtostachys renda</i> /Kenaf Fiber Reinforced with Multi-Walled Carbon Nanotubes (MWCNT)-Phenolic Composites. <i>Polymers</i> , 2021, 13, 3448.	2.0	10
106	Efficacy of Biopolymer/Starch Based Antimicrobial Packaging for Chicken Breast Fillets. <i>Foods</i> , 2021, 10, 2379.	1.9	10
107	Poly(lactic acid)/poly(butylene succinate) dual-layer membranes with cellulose nanowhisker for heavy metal ion separation. <i>International Journal of Biological Macromolecules</i> , 2021, 192, 654-664.	3.6	14
108	Sugarcane wastes into commercial products: Processing methods, production optimization and challenges. <i>Journal of Cleaner Production</i> , 2021, 328, 129453.	4.6	21

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109	Mechanical Properties of Flax/Kenaf Hybrid Composites. , 2021, , 177-194.		2
110	Development of Pulp Moulded Packaging Samples from Empty Fruit Bunch Fibre. <i>Pertanika Journal of Science and Technology</i> , 2021, 29, .	0.3	1
111	Development of Cd (II) Ion Probe Based on Novel Polyaniline-Multiwalled Carbon Nanotube-3-aminopropyltriethoxysilane Composite. <i>Membranes</i> , 2021, 11, 853.	1.4	7
112	Flexural and Dynamic Mechanical Properties of Alkali-Treated Coir/Pineapple Leaf Fibres Reinforced Poly(lactic Acid) Hybrid Biocomposites. <i>Journal of Bionic Engineering</i> , 2021, 18, 1430-1438.	2.7	25
113	Effect of <i>Cyrtostachys renda</i> Fiber Loading on the Mechanical, Morphology, and Flammability Properties of Multi-Walled Carbon Nanotubes/Phenolic Bio-Composites. <i>Nanomaterials</i> , 2021, 11, 3049.	1.9	5
114	Sustainable <i>Durio zibethinus</i> -Derived Biosorbents for Congo Red Removal from Aqueous Solution: Statistical Optimization, Isotherms and Mechanism Studies. <i>Sustainability</i> , 2021, 13, 13264.	1.6	27
115	Antimicrobial Potential of Plastic Films Incorporated with Sage Extract on Chicken Meat. <i>Foods</i> , 2021, 10, 2812.	1.9	15
116	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
117	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
118	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.	1.2	26
119	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
120	Effect of nanoclay content on the thermal, mechanical and shape memory properties of epoxy nanocomposites. <i>Polymer Bulletin</i> , 2020, 77, 5913-5931.	1.7	12
121	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
122	Characterization of Hybrid Oil Palm Empty Fruit Bunch/Woven Kenaf Fabric-Reinforced Epoxy Composites. <i>Polymers</i> , 2020, 12, 2052.	2.0	17
123	Energy security indicators for Pakistan: An integrated approach. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 133, 110122.	8.2	32
124	Novel Spider Silk Fiber for High-Performance Textiles and Eco-friendly Armor Applications. <i>Journal of Natural Fibers</i> , 2020, , 1-6.	1.7	3
125	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
126	Effects of Accelerated Weathering on Degradation Behavior of Basalt Fiber Reinforced Polymer Nanocomposites. <i>Polymers</i> , 2020, 12, 2621.	2.0	13

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127	Tensile and Flexural Properties of Silica Nanoparticles Modified Unidirectional Kenaf and Hybrid Glass/Kenaf Epoxy Composites. <i>Polymers</i> , 2020, 12, 2733.	2.0	33
128	Thermal characterization of date palm/epoxy composites with fillers from different parts of the tree. <i>Journal of Materials Research and Technology</i> , 2020, 9, 15537-15546.	2.6	29
129	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
130	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.	1.2	6
131	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
132	A review on PEEK composites – Manufacturing methods, properties and applications. <i>Materials Today: Proceedings</i> , 2020, 33, 1085-1092.	0.9	39
133	Process Optimization of Ultra-High Molecular Weight Polyethylene/Cellulose Nanofiber Bionanocomposites in Triple Screw Kneading Extruder by Response Surface Methodology. <i>Molecules</i> , 2020, 25, 4498.	1.7	7
134	Characterization of Microcrystalline Cellulose Isolated from Conocarpus Fiber. <i>Polymers</i> , 2020, 12, 2926.	2.0	17
135	Effect of MWCNT Surface Functionalisation and Distribution on Compressive Properties of Kenaf and Hybrid Kenaf/Glass Fibres Reinforced Polymer Composites. <i>Polymers</i> , 2020, 12, 2522.	2.0	18
136	Properties and characteristics of nanocrystalline cellulose isolated from olive fiber. <i>Carbohydrate Polymers</i> , 2020, 241, 116423.	5.1	53
137	DC electrical conductivity retention and antibacterial aspects of microwave-assisted ultrathin CuO@polyaniline composite. <i>Chemical Papers</i> , 2020, 74, 3887-3898.	1.0	8
138	Thermo-oxidative stability and flammability properties of bamboo/kenaf/nanoclay/epoxy hybrid nanocomposites. <i>RSC Advances</i> , 2020, 10, 21686-21697.	1.7	35
139	Morphological, Physiochemical and Thermal Properties of Microcrystalline Cellulose (MCC) Extracted from Bamboo Fiber. <i>Molecules</i> , 2020, 25, 2824.	1.7	57
140	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
141	Materials selection of “green”-natural fibers in polymer composite automotive crash box using DMAIC approach in Six Sigma method. <i>Journal of Engineered Fibers and Fabrics</i> , 2020, 15, 155892502092077.	0.5	4
142	Characterization of Date Palm Fiber-Reinforced Different Polypropylene Matrices. <i>Polymers</i> , 2020, 12, 597.	2.0	26
143	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
144	Microcrystalline Cellulose from Fruit Bunch Stalk of Date Palm: Isolation and Characterization. <i>Journal of Polymers and the Environment</i> , 2020, 28, 1766-1775.	2.4	20

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145	Sodium Hydroxide Treatment of Waste Rubber Crumb and Its Effects on Properties of Unsaturated Polyester Composites. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3913.	1.3	21
146	Role of characterization techniques in evaluating the material properties of nanoparticle-based polymer materials. , 2020, , 21-39.		4
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