Natural-fiber-reinforced polymer composites in automo

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58, 80-86

DOI: 10.1007/s11837-006-0234-2

Citation Report

#	Article	IF	CITATIONS
1	Studies on lignocellulosic fibers of Brazil. Part I: Source, production, morphology, properties and applications. Composites Part A: Applied Science and Manufacturing, 2007, 38, 1694-1709.	3.8	483
2	Conversion of Natural Fibres into Structural Composites. Journal of Textile Engineering, 2008, 54, 165-177.	0.5	37
3	Development of Flax Fibre Reinforced Biocomposites for Potential Application for Automotive Industries. SAE International Journal of Commercial Vehicles, 0, 2, 107-114.	0.4	3
4	Characterization of banana, sugarcane bagasse and sponge gourd fibers of Brazil. Industrial Crops and Products, 2009, 30, 407-415.	2.5	296
5	Biodegradable composites based on lignocellulosic fibersâ€"An overview. Progress in Polymer Science, 2009, 34, 982-1021.	11.8	1,098
6	Temperature and loading rate effects on tensile properties of kenaf bast fiber bundles and composites. Composites Part B: Engineering, 2009, 40, 189-196.	5.9	72
7	Development of advanced textile materials: Natural fibre composites, anti-microbial, and flame-retardant fabrics. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2009, 223, 91-102.	0.7	12
8	Auto-accelerative water damage in an epoxy composite reinforced with plain-weave flax fabric. Composites Part A: Applied Science and Manufacturing, 2009, 40, 1615-1620.	3.8	54
9	Life cycle assessment of products made of composite materials. International Journal of Product Lifecycle Management, 2009, 4, 11.	0.1	2
10	Tapanuli Organoclay Addition Into Linear Low Density Polyethylene-Pineapple Fiber Composites. , 2010, ,		O
11	Mechanical and physical characteristics of celluloseâ€fiberâ€filled polyacetal composites. Journal of Applied Polymer Science, 2010, 118, 1910-1920.	1.3	5
12	Recent Advances in the Application of Natural Fiber Based Composites. Macromolecular Materials and Engineering, 2010, 295, 975-989.	1.7	343
13	Hygrothermal effect on henequen or silk fiber reinforced poly(butylene succinate) biocomposites. Composites Part B: Engineering, 2010, 41, 491-497.	5.9	26
14	Properties of unidirectional kenaf fiber–polyolefin laminates. Polymer Composites, 2010, 31, 1067-1074.	2.3	33
15	Evaluation of Surface Treatment Effects on the Tensile Strength of Piassava (Attalea Funifera) Fibers Using the Weibull Distribution. Polymers From Renewable Resources, 2010, 1, 91-104.	0.8	6
18	Investigation of Properties of Polymer/Textile Fiber Composites. International Journal of Polymeric Materials and Polymeric Biomaterials, 2010, 59, 200-214.	1.8	15
19	Mechanical properties of kenaf bast and core fibre reinforced unsaturated polyester composites. IOP Conference Series: Materials Science and Engineering, 2010, 11, 012006.	0.3	82
20	Optimizing Processing Parameters and Fiber Size for Kenaf Fiber Reinforced Thermoplastic Polyurethane Composite. Key Engineering Materials, 0, 471-472, 297-302.	0.4	7

#	ARTICLE	IF	CITATIONS
21	Short fibre reinforced cores and their sandwich panels: Processing and evaluation. Composites Part A: Applied Science and Manufacturing, 2011, 42, 1236-1246.	3.8	40
22	Effect of removing polypropylene fibre surface finishes on mechanical performance of kenaf/polypropylene composites. Composites Part A: Applied Science and Manufacturing, 2011, 42, 1687-1693.	3.8	36
24	Biofibers. ACS Symposium Series, 2011, , 323-365.	0.5	9
25	PLA Based Biopolymer Reinforced with Natural Fibre: A Review. Journal of Polymers and the Environment, 2011, 19, 714-725.	2.4	260
26	Effect of alkali treatment on interfacial and mechanical properties of coir fiber reinforced poly(butylene succinate) biodegradable composites. Composites Part B: Engineering, 2011, 42, 1648-1656.	5.9	366
27	Natural Lignocellulosic Fibers as Engineering Materialsâ€"An Overview. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2011, 42, 2963-2974.	1.1	245
28	<i>Agave lechuguilla</i> Torrey fiber as reinforcement of polyester resin. Polymer Composites, 2011, 32, 1601-1606.	2.3	5
29	Effect of surface treatments on the thermal behavior and tensile strength of piassava ( <i>Attalea) Tj ETQq<math>1\ 1</math></i>	0.784314 rgE	3T/Overlock
30	Hempâ€iberâ€einforced unsaturated polyester composites: Optimization of processing and improvement of interfacial adhesion. Journal of Applied Polymer Science, 2011, 121, 862-868.	1.3	25
31	Dynamic mechanical properties of oil palm fibre (OPF)-linear low density polyethylene (LLDPE) biocomposites and study of fibre–matrix interactions. Biosystems Engineering, 2011, 109, 99-107.	1.9	64
32	A review on the tensile properties of natural fiber reinforced polymer composites. Composites Part B: Engineering, 2011, 42, 856-873.	5.9	1,708
34	Fatigue Behavior of Natural Fiber Reinforced Thermoplastic Composites in Dry and Wet Environments. , 2011, , .		11
35	Multiple criteria decision making with life cycle assessment for material selection of composites. EXPRESS Polymer Letters, 2011, 5, 1062-1074.	1.1	50
36	Evaluation of the cross-section of lignocellulosic fibers using digital microscopy and image analysis. Journal of Composite Materials, 2012, 46, 3057-3065.	1.2	15
37	Evaluation of mechanical behavior of chemically modified Borassus fruit short fiber/unsaturated polyester composites. Journal of Composite Materials, 2012, 46, 2987-2998.	1.2	40
38	Do fiber-reinforced polymer composites provide environmentally benign alternatives? A life-cycle-assessment-based study. MRS Bulletin, 2012, 37, 374-382.	1.7	136
39	CHAPTER 6. Natural Fibre Composites: Automotive Applications. RSC Green Chemistry, 2012, , 118-139.	0.0	7
40	Interfacial, Mechanical and Thermal Properties of Coir Fiber-Reinforced Poly(Lactic Acid) Biodegradable Composites. Advanced Composite Materials, 2012, 21, 103-122.	1.0	56

#	Article	IF	Citations
41	Creep Behavior of Lignocellulosic-Fiber/Polypropylene Matrix Composites. Materials Science Forum, 0, 730-732, 295-300.	0.3	1
42	Bulk composites from microfibrillated cellulose-reinforced thermoset starch made from enzymatically degraded allyl glycidyl ether-modified starch. Journal of Composite Materials, 2012, 46, 3201-3209.	1.2	6
43	Effect of the Fiber Equivalent Diameter on the Elastic Modulus and Density of Sisal Fibers., 0,, 357-364.		2
44	Correlation between the Density and the Diameter of Buriti Fibers. , 2012, , 365-371.		1
45	Elastic Modulus Variation with Diameter for Ramie Fibers. , 2012, , 395-402.		6
46	Quantifying of farmers' acceptance and perception in developing kenaf, Hibiscus cannabinus, industry in Malaysia. International Journal of Green Economics, 2012, 6, 401.	0.4	9
47	Mechanical property enhancement of flax fibre-based green composites for civil structural application. International Journal of Sustainable Materials and Structural Systems, 2012, 1, 95.	0.2	1
48	Fabrication and Performance Evaluation of Resources Recycling Self-Adhesive Products Using Only Bamboo Fibers Extracted with a Machining Center. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2012, 78, 943-952.	0.2	4
49	Thermogravimetric Stability of Polymer Composites Reinforced with Less Common Lignocellulosic Fibers – an Overview. Journal of Materials Research and Technology, 2012, 1, 117-126.	2.6	106
50	A review on mechanical behavior of natural fiber based hybrid composites. Journal of Reinforced Plastics and Composites, 2012, 31, 759-769.	1.6	238
51	Comparative studies of mechanical and morphological properties of polylactic acid and polypropylene based natural fiber composites. Journal of Reinforced Plastics and Composites, 2012, 31, 1712-1724.	1.6	139
52	Approaches to the manufacture of layered nanocomposites. Applied Surface Science, 2012, 258, 2098-2102.	3.1	23
53	Studies on the characterization of piassava fibers and their epoxy composites. Composites Part A: Applied Science and Manufacturing, 2012, 43, 353-362.	3.8	77
54	Natural Fiber Reinforced Composites. Polymer Reviews, 2012, 52, 259-320.	5.3	348
55	Micro and macro analysis of sisal fibre composites hollow core sandwich panels. Composites Part B: Engineering, 2012, 43, 2738-2745.	5.9	19
56	Thermogravimetric behavior of natural fibers reinforced polymer composites—An overview. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2012, 557, 17-28.	2.6	199
57	Mechanical and water absorption properties of woven jute/banana hybrid composites. Fibers and Polymers, 2012, 13, 907-914.	1.1	77
58	Thermogravimetric Stability Behavior of Less Common Lignocellulosic Fibers - a Review. Journal of Materials Research and Technology, 2012, 1, 189-199.	2.6	52

#	ARTICLE	IF	Citations
59	Finite element model for microwave heating of thermoplastic composites. International Journal of Materials Engineering Innovation, 2012, 3, 247.	0.2	4
60	Characterization of the Tensile Behavior of Pejibaye (Bactris gasipaes) Fibers. Polymers From Renewable Resources, 2012, 3, 33-42.	0.8	10
61	Mechanical and thermal properties of date palm leaf fiber reinforced recycled poly (ethylene) Tj ETQq0 0 0 rgBT	Overlock 5.1	10 Tf 50 662 <sup>-</sup>
62	Composites based on renewable materials: Polyurethaneâ€type matrices from forest byproduct/vegetable oil and reinforced with lignocellulosic fibers. Journal of Applied Polymer Science, 2013, 129, 2224-2233.	1.3	23
63	Hybrid natural and glass fibers reinforced polymer composites material selection using Analytical Hierarchy Process for automotive brake lever design. Materials & Design, 2013, 51, 484-492.	5.1	177
64	Natural fiber blendâ€"nylon 6 composites. Polymer Composites, 2013, 34, 544-553.	2.3	76
65	Water absorption, mechanical, and thermal properties of halloysite nanotube reinforced vinyl-ester nanocomposites. Journal of Materials Science, 2013, 48, 4260-4273.	1.7	52
66	CIRP Design 2012., 2013, , .		4
67	The Deformation Behavior of Functionally Graded TWIP Steel under Monotonic Loading at Ambient Temperature. Materials Research Letters, 2013, 1, 96-101.	4.1	9
68	Characterization of natural fiber and composites – A review. Journal of Reinforced Plastics and Composites, 2013, 32, 1457-1476.	1.6	253
70	Abacá (Musa textilis) grades and their properties—A study of reproducible fibre characterization and a critical evaluation of existing grading systems. Industrial Crops and Products, 2013, 42, 601-612.	2.5	21
71	Tribological behavior of natural fiber reinforced PLA composites. Wear, 2013, 297, 829-840.	1.5	263
72	Automated clustering of lignocellulosic fibres based on morphometric features and using clustering of variables. Industrial Crops and Products, 2013, 45, 253-261.	2.5	39
<b>7</b> 3	Processing and properties of continuous and aligned curaua fibers incorporated polyester composites. Journal of Materials Research and Technology, 2013, 2, 2-9.	2.6	31
74	Application of multi-criteria material selection techniques to constituent refinement in biobased composites. Materials & Design, 2013, 52, 1043-1051.	5.1	15
<b>7</b> 5	Microcellular foam processing of biodegradable polymers â€" review. International Journal of Precision Engineering and Manufacturing, 2013, 14, 679-690.	1.1	31
76	Crystallization behavior of poly(lactic acid)/microfibrillated cellulose composite. Polymer, 2013, 54, 3417-3425.	1.8	74
77	Mechanical Properties of Poly (Lactic Acid)/Hemp Fiber Composites Prepared with a Novel Method. Journal of Polymers and the Environment, 2013, 21, 1117-1127.	2.4	52

#	Article	IF	Citations
78	Weavable high-capacity electrodes. Nano Energy, 2013, 2, 987-994.	8.2	39
79	Reinforcement of polypropylene with hemp fibres. Composites Part B: Engineering, 2013, 46, 221-226.	5.9	65
80	Effect of piassava lees in the fracture behavior of polymer mortars. Composite Structures, 2013, 95, 564-568.	3.1	14
81	Fabrication of polystyrene/agave particle biocomposites using compression molding technique: evaluation of flammability, biodegradability, mechanical and thermal behaviour. Bulletin of Materials Science, 2013, 36, 1207-1216.	0.8	2
82	Characterization of new cellulose sansevieria ehrenbergii fibers for polymer composites. Composite Interfaces, 2013, 20, 575-593.	1.3	205
83	Lignocellulosic fiber reinforced composites: Influence of compounding conditions on defibrization and mechanical properties. Journal of Applied Polymer Science, 2013, 128, 1227-1238.	1.3	81
84	A Survey of Standards for Product Lifecycle Management of Structural Composites., 2013,,.		0
85	Cellulose Nanofibrils. Journal of Renewable Materials, 2013, 1, 195-211.	1.1	152
86	Fabrication process optimization of hemp fibre-reinforced polypropylene composites. Journal of Reinforced Plastics and Composites, 2013, 32, 1504-1512.	1.6	17
87	Tensile Properties of Impregnated Sugar Palm ( <i>Arenga pinnata</i> ) Fibre Composite Filled Thermosetting Polymer Composites. Advanced Materials Research, 2013, 701, 8-11.	0.3	3
88	Recent Development of Flax Fibres and Their Reinforced Composites Based on Different Polymeric Matrices. Materials, 2013, 6, 5171-5198.	1.3	189
89	Characterisation of low-odour emissive polylactide/cellulose fibre biocomposites for car interior. EXPRESS Polymer Letters, 2013, 7, 787-804.	1.1	31
90	Mechanical Properties of <i>Luffa acutangula-</i> Filled Polypropylene. Advanced Materials Research, 2013, 812, 87-92.	0.3	0
91	Recent developments of kenaf fibre reinforced thermoset composites: review. Materials Research Innovations, 2013, 17, s2-s11.	1.0	15
92	Fracture Properties of CurauÃ; Fibers Reinforced Polymer Mortars. Advanced Materials Research, 2013, 687, 490-494.	0.3	1
93	Effect of PE-g-MAH as Compatibilizer on Properties of LDPE/NR/WHF Composites. Applied Mechanics and Materials, 0, 284-287, 87-93.	0.2	6
94	Kenaf–polypropylene composites manufactured from blended fiber mats. Journal of Reinforced Plastics and Composites, 2013, 32, 1198-1210.	1.6	9
95	Fatigue Failures of Differences Behaviour on CSM/Woven Roving Composite Materials. Applied Mechanics and Materials, 0, 471, 335-340.	0.2	5

#	Article	IF	Citations
96	Frictional and adhesive wear performance of natural fibre reinforced polypropylene composites. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2013, 227, 385-392.	1.0	42
97	Preparation and Mechanical Properties of Short <i>Antheraea pernyi</i> Silk Fiber Reinforced Onion Composite. Advanced Materials Research, 0, 842, 110-113.	0.3	0
98	Green composites: sustainability and mechanical performance. Plastics, Rubber and Composites, 2013, 42, 421-426.	0.9	9
99	Effect of Alkali Treatment on the Properties of Century Fiber. Journal of Natural Fibers, 2013, 10, 282-296.	1.7	113
100	Physico-chemical, Tensile, and Thermal Characterization of Napier Grass (Native African) Fiber Strands. International Journal of Polymer Analysis and Characterization, 2013, 18, 303-314.	0.9	91
101	Mechanical Properties and Chemical Resistance of Short Tamarind Fiber/Unsaturated Polyester Composites: Influence of Fiber Modification and Fiber Content. International Journal of Polymer Analysis and Characterization, 2013, 18, 520-533.	0.9	52
102	Mechanical properties of polypropylene composites. Journal of Thermoplastic Composite Materials, 2013, 26, 362-391.	2.6	333
103	Tensile Behavior of Nettle Fiber Composites Exposed to Various Environments. Journal of Natural Fibers, 2013, 10, 244-256.	1.7	47
104	Resource convergence and resource power: towards new concepts for material efficiency. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2013, 371, 20110562.	1.6	3
105	Improved mechanical performances of triple super phosphate treated juteâ€fabric reinforced polypropylene composites irradiated by gamma rays. Journal of Applied Polymer Science, 2013, 130, 470-478.	1.3	13
106	Bamboo Based Biocomposites Material, Design and Applications. , 0, , .		17
107	Effect of Ketuki Fiber on Morphology and Mechanical Properties of Thermoplastics Composites. Nepal Journal of Science and Technology, 2013, 13, 73-79.	0.1	3
109	Microstructural Characterization of Natural Fibers: Etlingera elatior, Costus comosus, and Heliconia bihai. Conference Papers in Materials Science, 2013, 2013, 1-7.	0.1	1
110	Natural Fibers Contribution to Sustainability in Inovar-Auto Program. , 0, , .		0
111	Effect of Alkali Treatment on Physical Properties of Bio-Based Composites. Polymers and Polymer Composites, 2013, 21, 9-20.	1.0	5
112	Optimization of Screw Design on Fiber Breakage and Dispersion in Injection Molded Bamboo-Fiber-Reinforced Polypropylene. Kobunshi Ronbunshu, 2014, 71, 38-46.	0.2	1
113	Comp $\tilde{A}^3$ sitos de PVC r $\tilde{A}$ gido e fibras de bananeira: Efeito do tratamento da fibra. Revista Materia, 2014, 19, 257-265.	0.1	5
114	Tensile, Thermal, Morphological and Structural Characteristics of Abaca (Musa Textiles) Fibers. Polymers From Renewable Resources, 2014, 5, 47-60.	0.8	6

#	Article	IF	Citations
117	Applications of Lightweight Composites in Automotive Industries. ACS Symposium Series, 2014, , 143-158.	0.5	15
119	Effect of nano-SiO2 on physical and mechanical properties of fiber reinforced composites (FRCs). Journal of the Indian Academy of Wood Science, 2014, 11, 116-121.	0.3	42
120	Renewableâ€Resourceâ€Based Green Blends from Poly(furfuryl alcohol) Bioresin and Lignin. Macromolecular Materials and Engineering, 2014, 299, 552-559.	1.7	21
122	Thermal Characterization of Polyester Composites Reinforced with Ramie Fibers. Materials Science Forum, 0, 775-776, 272-277.	0.3	2
123	Weibull Analysis to Characterize the Diameter Dependence of Tensile Strength in Sugarcane Bagasse Fibers. Materials Science Forum, 2014, 775-776, 80-85.	0.3	5
124	Characterization of Banana Fibers Functional Groups by Infrared Spectroscopy. Materials Science Forum, 0, 775-776, 250-254.	0.3	11
125	Chacterization of Tensile Strength Dependence with Diameter of Sponge Gourd Fibers by Weibull Statistical Analysis. Materials Science Forum, 0, 775-776, 86-91.	0.3	3
126	Characterization of Epoxy Matrix Composites Incorporated with Sugarcane Bagasse Fibers. Materials Science Forum, 0, 775-776, 102-106.	0.3	6
127	Formulation and Characterization of Polypropylene Composites Alkali Treated Bagasse Fiber. Materials Science Forum, 2014, 775-776, 319-324.	0.3	7
128	Infra-Red Spectroscopy Analysis of Malva Fibers. Materials Science Forum, 0, 775-776, 255-260.	0.3	5
129	Effect of rubberwood and palm oil content on the properties of wood–polyvinyl chloride composites. Journal of Thermoplastic Composite Materials, 2014, 27, 719-730.	2.6	16
130	Izod Impact Tests with Polyester Matrix Reinforced with Buriti Fibers. Materials Science Forum, 2014, 775-776, 330-335.	0.3	4
131	Description of the mechanical behavior of different thermoset composites reinforced with Manicaria saccifera fibers. Journal of Composite Materials, 2014, 48, 1189-1196.	1.2	12
132	A Review of Current Development in Natural Fiber Composites in Automotive Applications. Applied Mechanics and Materials, 0, 564, 3-7.	0.2	25
133	Thermoplastic Matrix Material Selection Using Multi Criteria Decision Making Method for Hybrid Polymer Composites. Applied Mechanics and Materials, 0, 564, 439-443.	0.2	3
134	Development and characterization of PLA-based green composites. Journal of Thermoplastic Composite Materials, 2014, 27, 52-81.	2.6	255
135	The mechanical properties of natural fibre based honeycomb core materials. Composites Part B: Engineering, 2014, 58, 1-9.	5.9	83
136	Development of polyhydroxyalkanoates/poly(lactic acid) composites reinforced with cellulosic fibers. Composites Part B: Engineering, 2014, 60, 603-611.	5.9	29

#	ARTICLE	IF	CITATIONS
137	Using synchroton radiation-based micro-computer tomography (SR $\hat{1}\frac{1}{4}$ -CT) for the measurement of fibre orientations in cellulose fibre-reinforced polylactide (PLA) composites. Journal of Materials Science, 2014, 49, 450-460.	1.7	20
138	Fatigue of natural fiber thermoplastic composites. Composites Part B: Engineering, 2014, 62, 175-182.	5.9	57
139	Enhancement of mechanical properties of natural fiber composites via carbon nanotube addition. Journal of Materials Science, 2014, 49, 3225-3233.	1.7	63
140	Mechanical behavior of piassava fiber reinforced castor oil polymer mortars. Composite Structures, 2014, 111, 468-472.	3.1	28
141	Characterization and modeling of strain rate hardening in natural-fiber-reinforced viscoplastic polymer. Polymer Composites, 2014, 35, 2290-2296.	2.3	8
142	Flax fibre and its composites – A review. Composites Part B: Engineering, 2014, 56, 296-317.	5.9	951
143	Recycled polymers in natural fibre-reinforced polymer composites., 2014,, 103-114.		22
144	Conceptual design of kenaf fiber polymer composite automotive parking brake lever using integrated TRIZ–Morphological Chart–Analytic Hierarchy Process method. Materials & Design, 2014, 54, 473-482.	5.1	97
145	Extraction and Characterization of Novel Lignocellulosic Fibers From <i>Thespesia Lampas</i> Plant. International Journal of Polymer Analysis and Characterization, 2014, 19, 48-61.	0.9	113
146	Lightweight Composites Reinforced by Agricultural Byproducts. ACS Symposium Series, 2014, , 209-238.	0.5	3
147	Kenaf Fibre: Its Potential and Review on Bending Fatigue of Hollow Shaft Composites. Applied Mechanics and Materials, 0, 629, 395-398.	0.2	1
148	Microstructure-property characterization of a friction-stir welded joint between AA5059 aluminum alloy and high density polyethylene. Materials Characterization, 2014, 98, 73-82.	1.9	90
150	Manufacturing methods for natural fibre composites. , 2014, , 176-215.		21
151	Biomass and Bioenergy. , 2014, , .		19
152	Composites with hemp reinforcement and bio-based epoxy matrix. Composites Part B: Engineering, 2014, 67, 220-226.	5.9	78
153	Morphology and mechanical properties of sisal fibre/vinyl ester composites. Fibers and Polymers, 2014, 15, 1310-1320.	1.1	27
154	Mechanical and thermal properties of recycled poly(ethylene terephthalate) reinforced newspaper fiber composites. Fibers and Polymers, 2014, 15, 1531-1538.	1.1	27
155	Characteristics of continuous unidirectional kenaf fiber reinforced epoxy composites. Materials & Design, 2014, 64, 640-649.	5.1	80

#	Article	IF	CITATIONS
156	Experimental investigation on flexural behavior of friction stir welded high density polyethylene sheets. Journal of Manufacturing Processes, 2014, 16, 149-155.	2.8	84
157	Tensile properties of kenaf fiber due to various conditions of chemical fiber surface modifications. Construction and Building Materials, 2014, 55, 103-113.	3.2	281
158	Nonlinear Constitutive Model for Anisotropic Biobased Composite Materials. Journal of Engineering Mechanics - ASCE, 2014, 140, .	1.6	7
159	Polysaccharide Bio-Based Composites: Nanofiber Fabrication and Application		0
160	Creep and recovery behavior of kenaf/polypropylene nonwoven composites. Journal of Applied Polymer Science, 2014, 131, .	1.3	26
161	Natural fibre-reinforced composite parts for automotive applications. International Journal of Automotive Composites, 2014, $1, 18$ .	0.1	35
163	Machining Performance Study of a New Palm Oil Based Bio-Product Industrial Wax. Applied Mechanics and Materials, 2015, 754-755, 935-938.	0.2	0
165	State-of-the-Art Applications of Natural Fiber Composites in the Industry. , 2015, , 319-340.		9
166	Tensile properties of glass/natural jute fibre-reinforced polymer bars for concrete reinforcement. IOP Conference Series: Materials Science and Engineering, 2015, 103, 012009.	0.3	3
167	Effect of prolonged water absorption on mechanical properties in cellulose fiber reinforced vinylâ€ester composites. Polymer Engineering and Science, 2015, 55, 2685-2697.	1.5	6
168	Effect of Fibre Surface Treatment on the Properties of Eco-Core Sandwich Structures. Advanced Materials Research, 0, 1115, 321-324.	0.3	0
169	Flexural Behavior of Epoxy Matrix Composites Reinforced with Malva Fiber. Materials Research, 2015, 18, 114-120.	0.6	16
170	Fique Fiber Tensile Elastic Modulus Dependence with Diameter Using the Weibull Statistical Analysis. Materials Research, 2015, 18, 193-199.	0.6	27
171	POTENTIALS OF KENAF FIBRE IN BIO-COMPOSITE PRODUCTION: A REVIEW. Jurnal Teknologi (Sciences and) Tj ET	Qq1 <sub>3</sub> 1 0.7	/84314 rgBT
172	Photoacoustic Thermal Characterization of Banana Fibers. Materials Research, 2015, 18, 240-245.	0.6	5
173	Ballistic Efficiency of an Individual Epoxy Composite Reinforced with Sisal Fibers in Multilayered Armor. Materials Research, 2015, 18, 55-62.	0.6	61
174	Ballistic Test of Multilayered Armor with Intermediate Epoxy Composite Reinforced with Jute Fabric. Materials Research, 2015, 18, 170-177.	0.6	102
175	Technology Review of Thermal Forming Techniques for use in Composite Component Manufacture. SAE International Journal of Materials and Manufacturing, 0, 9, 81-89.	0.3	13

#	Article	IF	CITATIONS
176	Evaluation of the Diameter Influence on the Tensile Strength of Pineapple Leaf Fibers (PALF) by Weibull Method. Materials Research, 2015, 18, 185-192.	0.6	22
177	Giant Bamboo Fiber Reinforced Epoxy Composite in Multilayered Ballistic Armor. Materials Research, 2015, 18, 70-75.	0.6	65
178	A Review on Natural Fiber Reinforced Polymer Composite and Its Applications. International Journal of Polymer Science, 2015, 2015, 1-15.	1.2	1,058
179	Impacts of Limestone Particle Size on the Performance of Flexible Wood Fiber Composite Floor. Advances in Materials Science and Engineering, 2015, 2015, 1-5.	1.0	1
180	Water Absorption Behaviour and Its Effect on the Mechanical Properties of Flax Fibre Reinforced Bioepoxy Composites. International Journal of Polymer Science, 2015, 2015, 1-10.	1.2	180
181	Financial Cost Comparison of Acrylonitrile Butadiene Styrene (ABS) and BioABS. Journal of Biobased Materials and Bioenergy, 2015, 9, 244-251.	0.1	1
182	Implementation of the expert decision system for environmental assessment in composite materials selection for automotive components. Journal of Cleaner Production, 2015, 107, 557-567.	4.6	56
183	X-ray computed microtomography and 2D image analysis for morphological characterization of short lignocellulosic fibers raw materials: A benchmark survey. Composites Part A: Applied Science and Manufacturing, 2015, 76, 1-9.	3.8	26
184	Mechanical properties of novel kenaf short fiber reinforced bulk molding compounds (BMC). Advances in Materials and Processing Technologies, 2015, 1, 49-55.	0.8	6
185	New type of thermoplastic bio composite: nature of the interface on the ultimate properties and water absorption. RSC Advances, 2015, 5, 97536-97546.	1.7	21
186	Inverse gas chromatography for natural fibre characterisation: Identification of the critical parameters to determine the Brunauer–Emmett–Teller specific surface area. Journal of Chromatography A, 2015, 1425, 273-279.	1.8	46
187	Mechanical performance of Cissus quadrangularis/polyester composite. Materials Today Communications, 2015, 4, 222-232.	0.9	31
188	Hemp fibre as alternative to glass fibre in sheet moulding compound. Part 2â€"impact properties. Plastics, Rubber and Composites, 2015, 44, 291-298.	0.9	7
189	Effect of Layering Pattern on the Mechanical Properties of Bark Cloth ( <i>Ficus natalensis</i> Composites. International Journal of Polymer Analysis and Characterization, 2015, 20, 160-171.	0.9	6
190	Effect of kenaf particulate fillers in polymeric composite for tribological applications. Textile Reseach Journal, 2015, 85, 1602-1619.	1.1	17
191	Characterization of a novel natural cellulose fabric from Manicaria saccifera palm as possible reinforcement of composite materials. Composites Part B: Engineering, 2015, 74, 66-73.	5.9	103
192	Formulation and tensile characterization of wood–plastic composites. Journal of Thermoplastic Composite Materials, 2015, 28, 1675-1692.	2.6	28
193	Flame retardant polymer composites. Fibers and Polymers, 2015, 16, 705-717.	1.1	164

#	Article	IF	CITATIONS
194	Water Absorption Behavior of Hemp Hurds Composites. Materials, 2015, 8, 2243-2257.	1.3	48
195	Isotherm moisture absorption kinetics in natural-fiber-reinforced polymer under immersion conditions. Journal of Composite Materials, 2015, 49, 1301-1314.	1.2	8
196	Permeability and mechanical properties of plant fiber reinforced hybrid composites. Materials and Design, 2015, 86, 313-320.	3.3	48
197	Electrophoretic deposition of a memory-type flame retardant material. Materials Letters, 2015, 153, 106-109.	1.3	5
199	Mechanical performance of polyethylene (PE)-based biocomposites. , 2015, , 237-256.		5
200	Uniaxial tensile behaviour modelling of natural-fiber-reinforced viscoplastic polymer using normalized stress–strain curves. Journal of Composite Materials, 2015, 49, 2389-2402.	1.2	3
201	Tensile Properties of Natural Fiber Reinforced Polymers: An Overview. Applied Mechanics and Materials, 0, 766-767, 133-139.	0.2	1
202	Experimental evaluation and simulation of volumetric shrinkage and warpage on polymeric composite reinforced with short natural fibers. Frontiers of Mechanical Engineering, 2015, 10, 287-293.	2.5	12
203	Manufacturing and mechanical response optimization of epoxy resin/Luffa Cylindrica composite. Journal of Applied Polymer Science, 2015, 132, .	1.3	27
204	Wood–Plastic Composite Technology. Current Forestry Reports, 2015, 1, 139-150.	3.4	116
205	Natural Curaua Fiber-Reinforced Composites in Multilayered Ballistic Armor. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2015, 46, 4567-4577.	1.1	76
206	Dielectric Properties of Lignocellulosic Fibers Reinforced Polymer Composites: Effect of Fiber Loading and Alkaline Treatment. Materials Today: Proceedings, 2015, 2, 2757-2766.	0.9	30
207	Manufacturing of Natural Fibre Reinforced Polymer Composites. , 2015, , .		44
208	Manufacturing of Natural Fibre-Reinforced Polymer Composites by Solvent Casting Method. , 2015, , 331-349.		22
209	Influence of alkali treatment on internal microstructure and tensile properties of abaca fibers. Industrial Crops and Products, 2015, 65, 27-35.	2.5	177
210	A review of aspects affecting performance and modeling of shortâ€naturalâ€fiberâ€reinforced polymers under monotonic and cyclic loading conditions. Polymer Composites, 2015, 36, 397-409.	2.3	5
211	A review on tribological performance of natural fibre polymeric composites. Tribology International, 2015, 83, 77-104.	3.0	227
212	The use of sisal and henequen fibres as reinforcements in composites. , 2015, , 165-210.		13

#	ARTICLE	IF	CITATIONS
213	Composites of polypropylene with pulque fibres. Journal of Thermoplastic Composite Materials, 2015, 28, 1615-1626.	2.6	13
214	Mechanical, thermal and morphological properties of a bio-based composite derived from banana plant source. Composites Part A: Applied Science and Manufacturing, 2015, 68, 90-100.	3.8	43
215	Effect of boric acid and borax on mechanical, fire and thermal properties of wood flour filled high density polyethylene composites. Measurement: Journal of the International Measurement Confederation, 2015, 60, 6-12.	2.5	111
216	Key cultivation techniques for hemp in Europe and China. Industrial Crops and Products, 2015, 68, 2-16.	2.5	233
217	A Review: Natural Fiber Composites Selection in View of Mechanical, Light Weight, and Economic Properties. Macromolecular Materials and Engineering, 2015, 300, 10-24.	1.7	438
218	Oneâ€step green treatment of hemp fiber used in polypropylene composites. Polymer Composites, 2016, 37, 385-390.	2.3	16
219	Pejibaye Fiber-Reinforced Polypropylene Matrix Composites. Polymers From Renewable Resources, 2016, 7, 67-79.	0.8	1
220	Sugar Palm Fibre and its Composites: A Review of Recent Developments. BioResources, 2016, 11, .	0.5	34
221	A Review - Future Aspect of Natural Fiber Reinforced Composite. Polymers From Renewable Resources, 2016, 7, 43-59.	0.8	109
222	Irradiated Jute Reinforced Polypropylene Composites: Effect of Mercerization and SEM Analysis. Journal of Material Science & Engineering, 2016, 5, .	0.2	2
223	Mechanical Properties of Oil Palm Shell Composites. International Journal of Polymer Science, 2016, 2016, 1-7.	1.2	13
224	A Review on the Tensile Properties of Bamboo Fiber Reinforced Polymer Composites. BioResources, 2016, 11, 10654-10676.	0.5	80
225	Residual Tensile Property of Plain Woven Jute Fiber/Poly(Lactic Acid) Green Composites during Thermal Cycling. Materials, 2016, 9, 573.	1.3	4
227	Recent development and future trends in coir fiberâ€reinforced green polymer composites: Review and evaluation. Polymer Composites, 2016, 37, 3296-3309.	2.3	41
228	Biopolyamide hybrid composites for high performance applications. Journal of Applied Polymer Science, 2016, 133, .	1.3	26
229	Investigating morphological and performance deterioration of injection-molded rice husk–polypropylene composites due to various liquid uptakes. International Journal of Polymer Analysis and Characterization, 2016, 21, 675-685.	0.9	42
230	Effects of nanoparticles on tensile, electrical, and thermal properties of Hemp/PBTG composites. Fibers and Polymers, 2016, 17, 1934-1944.	1.1	5
231	Repeated Air Blast Response of Sisal Fibers Reinforced Bio-composites. Procedia Engineering, 2016, 167, 197-205.	1.2	2

#	Article	IF	CITATIONS
232	Effect of quartz sand on compressive strength of the solid waste composite. AIP Conference Proceedings, $2016, \ldots$	0.3	1
233	An introduction to lightweight composite materials and their use in transport structures. , 2016, , 3-34.		48
234	Towards a good interphase between bleached kraft softwood fibers and poly(lactic) acid. Composites Part B: Engineering, 2016, 99, 514-520.	5.9	54
235	Utilization of agricultural and forest industry waste and residues in natural fiber-polymer composites: A review. Waste Management, 2016, 54, 62-73.	3.7	360
236	Nanoclay Reinforced Polymer Composites. Engineering Materials, 2016, , .	0.3	21
237	Nanoclay Based Natural Fibre Reinforced Polymer Composites: Mechanical and Thermal Properties. Engineering Materials, 2016, , 81-101.	0.3	1
238	An overview of multifunctional epoxy nanocomposites. Journal of Materials Chemistry C, 2016, 4, 5890-5906.	2.7	360
239	Mechanical characterization and optimization of a new unidirectional flax/paper/epoxy composite. Composites Part B: Engineering, 2016, 97, 282-291.	5.9	16
240	Composite materials with bast fibres: Structural, technical, and environmental properties. Progress in Materials Science, 2016, 83, 1-23.	16.0	102
241	Effect of silicon carbide and pulping processes on physical and mechanical properties of pulp plastic composites (PPCs). Journal of Asian Ceramic Societies, 2016, 4, 112-119.	1.0	4
242	Characterization and properties of low-linear-density polyethylene/Typha latifoliacomposites. International Journal of Polymer Analysis and Characterization, 2016, 21, 590-598.	0.9	32
244	Biomimetic additive manufactured polymer composites for improved impact resistance. Extreme Mechanics Letters, 2016, 9, 317-323.	2.0	125
245	On Material Substitution in Automotive BIWs – From Steel to Aluminum Body Sides. Procedia CIRP, 2016, 50, 683-688.	1.0	29
246	Stiffness of bio-based polyamide 11 reinforced with softwood stone ground-wood fibres as an alternative to polypropylene-glass fibre composites. European Polymer Journal, 2016, 84, 481-489.	2.6	35
249	Effect of surface treatments of jute fibers on the microstructural and mechanical responses of poly(lactic acid)/jute fiber biocomposites. RSC Advances, 2016, 6, 73373-73382.	1.7	51
251	Sustainable and lightweight biopolyamide hybrid composites for greener auto parts. Canadian Journal of Chemical Engineering, 2016, 94, 2052-2060.	0.9	12
252	Ductile unidirectional continuous rayon fibre-reinforced hierarchical composites. Composites Part A: Applied Science and Manufacturing, 2016, 90, 633-641.	3.8	15
253	Transcrystallization at the surface of graphene-modified chitosan fibers. Journal Physics D: Applied Physics, 2016, 49, 265305.	1.3	3

#	Article	IF	CITATIONS
254	Transverse and Longitudinal Flexural Properties of Untreated and Maleic Anhydride Treated Kenaf Bast Fiber Reinforced Unsaturated Polyester Composites. Key Engineering Materials, 2016, 700, 93-101.	0.4	1
255	Three-dimensional printing of continuous-fiber composites by in-nozzle impregnation. Scientific Reports, 2016, 6, 23058.	1.6	749
256	Lignocellulosic fiber breakage in a molten polymer. Part 1. Qualitative analysis using rheo-optical observations. Composites Part A: Applied Science and Manufacturing, 2016, 91, 229-237.	3.8	25
257	Fiber Plants: An Overview. Sustainable Development and Biodiversity, 2016, , 3-15.	1.4	8
258	Innovative core material produced by infusion process using hemp fibres. AIP Conference Proceedings, 2016, , .	0.3	5
259	Re-Emerging Field of Lignocellulosic Fiber $\hat{a} \in \mathbb{C}^{\infty}$ Polymer Composites and Ionizing Radiation Technology in their Formulation. Polymer Reviews, 2016, 56, 702-736.	5.3	113
260	Synthesis of silver nanoparticles using aqueous extracts of Heterotheca inuloides as reducing agent and natural fibers as templates: Agave lechuguilla and silk. Materials Science and Engineering C, 2016, 69, 429-436.	3.8	40
261	Acoustic emission characterization of damage in short hempâ€fiberâ€reinforced polypropylene composites. Polymer Composites, 2016, 37, 1101-1112.	2.3	32
262	Development of snake grass fiber-reinforced polymer composite chair. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2016, 230, 273-281.	0.7	9
263	Investigations of plasma induced effects on the surface properties of lignocellulosic natural coir fibres. Applied Surface Science, 2016, 368, 146-156.	3.1	56
264	Flexural response of polypropylene/E-glass fibre reinforced unidirectional composites. Composites Part B: Engineering, 2016, 89, 388-396.	5.9	15
265	Micromechanics methods for evaluating the effective moduli of soft neo-Hookean composites. Archive of Applied Mechanics, 2016, 86, 219-234.	1.2	8
266	Composite Polymer–Metal Hydroxide Coatings with Flame-Retardant Properties. Materials and Manufacturing Processes, 2016, 31, 1201-1205.	2.7	7
267	Fibre properties and crashworthiness parameters of natural fibre-reinforced composite structure: A literature review. Composite Structures, 2016, 148, 59-73.	3.1	194
268	Synthesis and physicochemical studies of jute and glass composites of styrenated vinyl esters of multifunctional epoxy resin containing sâ€triazine ring. Polymer Composites, 2016, 37, 279-287.	2.3	2
269	Properties of low-density polyethylene/natural rubber/water hyacinth fiber composites: the effect of alkaline treatment. Polymer Bulletin, 2016, 73, 539-557.	1.7	24
270	Kenaf (Hibiscus cannabinus L.) fibre based bio-materials: A review on processing and properties. Progress in Materials Science, 2016, 78-79, 1-92.	16.0	238
271	Polyolefin Composites and Nanocomposites. Springer Series on Polymer and Composite Materials, 2016, , 157-179.	0.5	1

#	Article	IF	CITATIONS
272	Flexural behavior of commingled jute/polypropylene nonwoven fabric reinforced sandwich composites. Composites Part B: Engineering, 2016, 93, 12-25.	5.9	38
273	Role of flax cell wall components on the microstructure and transverse mechanical behaviour of flax fabrics reinforced epoxy biocomposites. Industrial Crops and Products, 2016, 85, 93-108.	2.5	53
274	Control of biodegradability in a natural fibre based nanocomposite as a function of impregnated copper nanoparticles. RSC Advances, 2016, 6, 28937-28946.	1.7	6
275	Effect of wool fibers on thermal and dielectric properties of Alfa fibers reinforced polyester composite. Materials Chemistry and Physics, 2016, 170, 312-318.	2.0	16
276	Mechanical Properties of Hybrid Fibers-Reinforced Polymer Composite: A Review. Polymer-Plastics Technology and Engineering, 2016, 55, 626-642.	1.9	195
277	Mechanical, thermal, and curing characteristics of renewable phenol-hydroxymethylfurfural resin for application in bio-composites. Journal of Materials Science, 2016, 51, 732-738.	1.7	19
278	Mechanical properties of sisal fibre-reinforced polymer composites: a review. Composite Interfaces, 2016, 23, 15-36.	1.3	59
279	Studies on Mechanical Properties and Morphology of Sisal Pulp Reinforced Phenolic Composites. Advances in Polymer Technology, 2016, 35, 353-360.	0.8	3
280	A review of recent developments in natural fibre composites and their mechanical performance. Composites Part A: Applied Science and Manufacturing, 2016, 83, 98-112.	3.8	2,187
281	Anisotropic continuum damage model for prediction of failure in flax/polypropylene fabric composites. Polymer Composites, 2016, 37, 2588-2597.	2.3	14
282	Hole making in natural fiber-reinforced polylactic acid laminates. Journal of Thermoplastic Composite Materials, 2017, 30, 30-46.	2.6	84
283	Effect of chemical treatment on the properties of coir fiber reinforced polypropylene and polyethylene composites. Polymer Composites, 2017, 38, 1259-1265.	2.3	19
284	Review of the applications of biocomposites in the automotive industry. Polymer Composites, 2017, 38, 2553-2569.	2.3	258
285	Recent development and challenges of multifunctional structural supercapacitors for automotive industries. International Journal of Energy Research, 2017, 41, 1397-1411.	2.2	79
286	Green Composites: Versatile Material for Future. Green Energy and Technology, 2017, , 29-44.	0.4	23
287	A review on new bio-based constituents for natural fiber-polymer composites. Journal of Cleaner Production, 2017, 149, 582-596.	4.6	394
288	Hemp fiber reinforced polypropylene composites: The effects of material treatments. Composites Part B: Engineering, 2017, 114, 15-22.	5.9	195
289	Analytical Hierarchy Process for Natural Fiber Composites Automotive Armrest Thermoset Matrix Selection. MATEC Web of Conferences, 2017, 97, 01039.	0.1	21

#	Article	IF	CITATIONS
290	3D-Printing of Meso-structurally Ordered Carbon Fiber/Polymer Composites with Unprecedented Orthotropic Physical Properties. Scientific Reports, 2017, 7, 43401.	1.6	238
291	Current advances in the fire retardancy of natural fiber and bio-based composites – A review. International Journal of Precision Engineering and Manufacturing - Green Technology, 2017, 4, 247-262.	2.7	81
292	An Overview on Mechanical Property Evaluation of Natural Fiber Reinforced Polymers. Materials Today: Proceedings, 2017, 4, 2755-2760.	0.9	45
293	Thermomechanical anisotropy and flowability of talc and glass fiber reinforced multiphase polymer composites. Composite Structures, 2017, 174, 329-337.	3.1	18
294	1 Tribological Materials – An Ecosustainable Perspective. , 2017, , 1-38.		0
295	Plant fibre based bio-composites: Sustainable and renewable green materials. Renewable and Sustainable Energy Reviews, 2017, 79, 558-584.	8.2	468
296	Mechanical properties and crystallization behavior of three kinds of straws/nylon 6 composites. International Journal of Biological Macromolecules, 2017, 103, 663-668.	3.6	12
297	Materials Selection for Composites: Concurrent Engineering Perspective. , 2017, , 209-271.		5
298	Fabrication, microstructural and mechanical characterization of Luffa Cylindrical Fibre - Reinforced geopolymer composite. Applied Clay Science, 2017, 143, 125-133.	2.6	63
299	Adhesion of Organic Molecules on Silica Surfaces: A Density Functional Theory Study. Journal of Physical Chemistry C, 2017, 121, 392-401.	1.5	17
300	Charpy impact tenacity of epoxy matrix composites reinforced with aligned jute fibers. Journal of Materials Research and Technology, 2017, 6, 312-316.	2.6	43
301	Bending test in epoxy composites reinforced with continuous and aligned PALF fibers. Journal of Materials Research and Technology, 2017, 6, 411-416.	2.6	32
302	Application of Analytic Hierarchy Process (AHP) in the analysis of the fuel efficiency in the automobile industry with the utilization of Natural Fiber Polymer Composites (NFPC). IOP Conference Series: Materials Science and Engineering, 2017, 191, 012004.	0.3	5
303	Comparison between tensile behavior of epoxy and polyester matrix composites reinforced with eucalyptus fibers. Journal of Materials Research and Technology, 2017, 6, 406-410.	2.6	15
304	Natural Plant Fiber Composites-Constituent Properties and Challenges in Numerical Modeling and Simulations. International Journal of Applied Mechanics, 2017, 09, 1750045.	1.3	11
305	Mechanical and moisture absorption characterization of PLA composites reinforced with nano-coated flax fibers. Fibers and Polymers, 2017, 18, 1288-1295.	1.1	37
306	Natural Mallow Fiber-Reinforced Epoxy Composite for Ballistic Armor Against Class III-A Ammunition. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2017, 48, 4425-4431.	1.1	21
307	Investigation on energy absorption of natural and hybrid fiber under axial static crushing. Composites Science and Technology, 2017, 151, 52-61.	3.8	32

#	Article	IF	CITATIONS
308	Development of a flexible composite from leather industry waste and evaluation of their physico-chemical properties. Clean Technologies and Environmental Policy, 2017, 19, 2171-2178.	2.1	37
309	The Role of Sintered Al <sub>2</sub> 0 <sub>3</sub> -Nb <sub>2</sub> 0 <sub>5</sub> Front Plate on the Ballistic Performance of Multilayered Armors. Materials Science Forum, 0, 899, 329-334.	0.3	4
310	Environmental analysis of innovative sustainable composites with potential use in aviation sector—A life cycle assessment review. Science China Technological Sciences, 2017, 60, 1301-1317.	2.0	116
311	Influence of flame retardant magnesium hydroxide on the mechanical properties of high density polyethylene composites. Journal of Reinforced Plastics and Composites, 2017, 36, 1802-1816.	1.6	79
312	Porosity Assessment for Different Diameters of Coir Lignocellulosic Fibers. Jom, 2017, 69, 2045-2051.	0.9	10
314	Biopolyamides and High-Performance Natural Fiber-Reinforced Biocomposites. , 2017, , 253-270.		3
315	The fracture toughness of natural fibre- and glass fibre-reinforced SMC. Plastics, Rubber and Composites, 2017, 46, 355-364.	0.9	3
316	Plantain fibre particle reinforced HDPE (PFPRHDPE) for gas line piping design. International Journal of Plastics Technology, 2017, 21, 370-396.	2.9	7
317	The potential of natural fibres for automotive sector - <i>review</i> . IOP Conference Series: Materials Science and Engineering, 2017, 252, 012044.	0.3	46
318	Synthesis and mechanical properties of flame retardant vinyl ester resin for structural composites. Polymer, 2017, 133, 20-29.	1.8	18
319	Lignocellulosic fibers: a critical review of the extrusion process for enhancement of the properties of natural fiber composites. RSC Advances, 2017, 7, 34638-34654.	1.7	86
320	Preparation and crystallization behavior of poly(ethylene 2,5-furandicarboxylate)/cellulose composites by twin screw extrusion. Carbohydrate Polymers, 2017, 174, 1026-1033.	5.1	33
321	Toughness of polyester matrix composites reinforced with sugarcane bagasse fibers evaluated by Charpy impact tests. Journal of Materials Research and Technology, 2017, 6, 334-338.	2.6	44
322	Green Biocomposites. Green Energy and Technology, 2017, , .	0.4	22
323	Sustainable Biocomposites: Challenges, Potential and Barriers for Development. Green Energy and Technology, 2017, , 13-29.	0.4	34
324	Woven Natural Fiber Fabric Reinforced Biodegradable Composite: Processing, Properties and Application. Green Energy and Technology, 2017, , 199-224.	0.4	8
325	Light-weight high-strength hollow glass microspheres andÂbambooÂfiber based hybrid polypropylene composite: AÂstrengthAanalysis and morphological study. Composites Part B: Engineering, 2017, 109, 277-285.	5.9	129
326	Morphology of the Bagasse Fibers Obtained from the Elaboration Process of Mezcal and Effects on Their Tensile Properties. Journal of Natural Fibers, 2017, 14, 250-261.	1.7	8

#	Article	IF	Citations
327	Raw material potential of recyclable materials for fiber composites: a review study. Journal of Material Cycles and Waste Management, 2017, 19, 1136-1143.	1.6	19
328	Development and weatherability of bio-based composites of structural quality using flax fiber and epoxidized sucrose soyate. Materials and Design, 2017, 113, 17-26.	3.3	26
330	Natural fibers. , 2017, , 209-235.		23
331	Bio-based hybrid polymer composites. , 2017, , 23-70.		9
332	Design of green laminated composites from agricultural biomass., 2017,, 291-311.		2
333	Characterizing the Conductivity and Enhancing the Piezoresistivity of Carbon Nanotube-Polymeric Thin Films. Materials, 2017, 10, 724.	1.3	5
334	Natural fiber composites. , 2017, , 23-48.		26
335	Automotive components composed of polyolefins. , 2017, , 449-496.		9
336	Hybrid polymer composites for structural applications. , 2017, , 35-51.		13
337	Ballistic Performance of Mallow and Jute Natural Fabrics Reinforced Epoxy Composites in Multilayered Armor. Materials Research, 2017, 20, 399-403.	0.6	21
338	Recent innovations in biocomposite products. , 2017, , 275-306.		10
339	Thermal and flame retardancy properties of thermoplastics/natural fiber biocomposites. , 2017, , 479-508.		22
340	Ballistic Application of Coir Fiber Reinforced Epoxy Composite in Multilayered Armor. Materials Research, 2017, 20, 23-28.	0.6	47
341	1.8 Natural Fiber-Reinforced Composites: Types, Development, Manufacturing Process, and Measurement., 2017,, 203-230.		13
342	Mechanical Properties of Composite Waste Material Based Styrofoam, Baggase and Eggshell Powder for Application of Drone Frames. IOP Conference Series: Earth and Environmental Science, 2017, 97, 012034.	0.2	5
343	THE EFFECT OF ALKALINE TREATMENT AND FIBER LENGTH ON PINEAPPLE LEAF FIBER REINFORCED POLY LACTIC ACID BIOCOMPOSITES. Jurnal Teknologi (Sciences and Engineering), 2017, 79, .	0.3	13
344	Thermal Analysis of Bamboo Fibre and Its Composites. BioResources, 2017, 12, .	0.5	11
345	Reinforcement of Polyester with Renewable Ramie Fibers. Materials Research, 2017, 20, 51-59.	0.6	26

#	Article	IF	CITATIONS
346	Natural Fibre Reinforced Polymer Composite Materials - A Review. Polymers From Renewable Resources, 2017, 8, 71-78.	0.8	76
347	Hybrid bast fiber reinforced thermoset composites. , 2017, , 203-234.		3
348	Are functional fillers improving environmental behavior of plastics? A review on LCA studies. Science of the Total Environment, 2018, 626, 927-940.	3.9	67
349	Multi response optimization of sheet forming of Kenaf-Polypropylene composites using grey based fuzzy algorithm. AIP Conference Proceedings, 2018, , .	0.3	1
350	Polymer matrix-natural fiber composites: An overview. Cogent Engineering, 2018, 5, 1446667.	1.1	265
351	An Investigation on Wear and Dynamic Mechanical behavior of Jute/Hemp/Flax Reinforced Composites and Its Hybrids for Tribological Applications. Fibers and Polymers, 2018, 19, 403-415.	1.1	122
352	Thermal Characterization of Alkali Treated Kenaf Fibers and Kenaf-Epoxy Composites. Fibers and Polymers, 2018, 19, 393-402.	1.1	17
353	Potential of Borneo Acacia wood in fully biodegradable bio-composites' commercial production and application. Polymer Bulletin, 2018, 75, 5333-5354.	1.7	18
354	Experimental, analytical and numerical analysis to investigate the tensile behaviour of hemp fibre yarns. Composite Structures, 2018, 202, 482-490.	3.1	12
355	Development of natural fiber-reinforced composite with comparable mechanical properties and reduced energy consumption and environmental impacts for replacing automotive glass-fiber sheet molding compound. Journal of Cleaner Production, 2018, 184, 92-100.	4.6	135
356	A Study on Mechanical Properties of Silk Fiber Reinforced Epoxy Resin Bio-Composite With SiC As Filler Addition. Materials Today: Proceedings, 2018, 5, 3219-3228.	0.9	19
357	Assessment system to characterise and compare different hemp varieties based on a developed lab-scaled decortication system. Industrial Crops and Products, 2018, 117, 159-168.	2.5	20
358	Surface modifications of wood materials using atmospheric pressure corona-based weakly ionized plasma. Journal of Thermoplastic Composite Materials, 2018, 31, 946-958.	2.6	4
359	Polyhedral oligomeric silsesquioxane (POSS) reinforced-unsaturated polyester hybrid nanocomposites: Thermal, thermomechanical and morphological properties. Journal of Macromolecular Science - Pure and Applied Chemistry, 2018, 55, 433-439.	1.2	17
360	Physico-chemical and mechanical characterization of Jute fabrics for civil engineering applications. Journal of Computational Methods in Sciences and Engineering, 2018, 18, 129-147.	0.1	8
361	Improved hydroxypropyl methylcellulose (HPMC) films through incorporation of amylose-sodium palmitate inclusion complexes. Carbohydrate Polymers, 2018, 188, 76-84.	5.1	40
362	The application of TRIZ on natural fibre metal laminate to reduce the weight of the car front hood. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2018, 40, 1.	0.8	36
363	Comparison Between Epoxy Matrix Composites Reinforced with Ramie Fabric Under Pressure and Vacuum. Minerals, Metals and Materials Series, 2018, , 185-192.	0.3	2

#	Article	IF	CITATIONS
364	${\sf Na ilde{A}}^{-}{\sf ve}$ Bayes classifier, multivariate linear regression and experimental testing for classification and characterization of wheat straw based on mechanical properties. Industrial Crops and Products, 2018, 112, 434-448.	2.5	17
365	Comparison and error estimation of 3D fibre orientation analysis of computed tomography image data for fibre reinforced composites. NDT and E International, 2018, 95, 26-35.	1.7	49
366	Experimental Investigation on the Mechanical and Thermal Properties of Sprouts Center Stem (Asian) Tj ETQq0 0	0 rgBT /O	verlock 10 Tf
367	Multi-criteria decision analysis framework for sustainable manufacturing in automotive industry. Journal of Cleaner Production, 2018, 187, 257-272.	4.6	103
368	Protein/Protein Nanocomposite Based on Whey Protein Nanofibrils in a Whey Protein Matrix. ACS Sustainable Chemistry and Engineering, 2018, 6, 5462-5469.	3.2	26
369	Toward Semistructural Cellulose Nanocomposites: The Need for Scalable Processing and Interface Tailoring. Biomacromolecules, 2018, 19, 2341-2350.	2.6	63
370	Influence of ply blocking on tensile stiffness in woven flax–carbon hybrids. Journal of Reinforced Plastics and Composites, 2018, 37, 583-591.	1.6	4
371	Experimentally quantified and computational anisotropic damage rules for flax fabric composites. International Journal of Damage Mechanics, 2018, 27, 120-137.	2.4	3
372	Optimizing twisted yarn structure for natural fiber-reinforced polymeric composites. Journal of Composite Materials, 2018, 52, 373-381.	1.2	19
373	Mechanical and impact characterisation of flax and basalt fibre vinylester composites and their hybrids. Composites Part B: Engineering, 2018, 137, 247-259.	5.9	112
374	Fatigue Life Behaviour of Glass/Kenaf Woven-Ply Polymer Hybrid Biocomposites. Journal of Polymers and the Environment, 2018, 26, 499-507.	2.4	40
375	The mechanical properties of flax fibre reinforced poly(lactic acid) bio-composites exposed to wet, freezing and humid environments. Journal of Composite Materials, 2018, 52, 835-850.	1.2	15
376	Mechanical and Thermal Performances of Roselle Fiber-Reinforced Thermoplastic Polyurethane Composites. Polymer-Plastics Technology and Engineering, 2018, 57, 601-608.	1.9	18
377	Effects of fiber-surface modification on the properties of bamboo flour/polypropylene composites and their interfacial compatibility. Journal of Polymer Engineering, 2018, 38, 157-166.	0.6	9
378	A comparative analysis on tensile strength of dry and moisture absorbed hybrid kenaf/glass polymer composites. Journal of Industrial Textiles, 2018, 47, 2050-2073.	1.1	49
379	Impact energy absorption of flax fiberâ€reinforced polypropylene composites. Polymer Composites, 2018, 39, 4165-4175.	2.3	59
380	Review on Three-Dimensionally Emulated Fiber-Embedded Lactic Acid Polymer Composites: Opportunities in Engineering Sector. Polymer-Plastics Technology and Engineering, 2018, 57, 860-874.	1.9	38
381	Superparamagnetic Fe3O4@ wood flour/polypropylene nanocomposites: Physical and mechanical properties. Industrial Crops and Products, 2018, 111, 47-54.	2.5	23

#	Article	IF	CITATIONS
382	Modeling and optimization of tensile strength and modulus of polypropylene/kenaf fiber biocomposites using Box–Behnken response surface method. Polymer Composites, 2018, 39, E463.	2.3	30
383	Effects of hybridization and hybrid fibre dispersion on the mechanical properties of woven flax-carbon epoxy at low carbon fibre volume fractions. Composites Part B: Engineering, 2018, 134, 28-38.	5.9	120
384	Effect of Curing Temperature on Mechanical Properties of Natural Fiber Reinforced Polymer Composites. Journal of Natural Fibers, 2018, 15, 687-696.	1.7	62
385	Effect of treated coir fiber/coconut shell powder and aramid fiber on mechanical properties of vinyl ester. Polymer Composites, 2018, 39, 4542-4550.	2.3	21
386	<i>Development</i> and characterization of high-performance kenaf fiber–HDPE composites. Journal of Reinforced Plastics and Composites, 2018, 37, 191-200.	1.6	18
387	Dynamic tensile properties of ROP/OCC natural hybrid fibers reinforced composites. Composite Structures, 2018, 185, 600-606.	3.1	8
388	Review of natural fibre-reinforced hybrid composites. Journal of Reinforced Plastics and Composites, 2018, 37, 331-348.	1.6	122
389	Influence of low-velocity impact on residual tensile properties of nonwoven flax/epoxy composite. Composite Structures, 2018, 186, 175-182.	3.1	45
390	Progress in the research and applications of natural fiber-reinforced polymer matrix composites. Science and Engineering of Composite Materials, 2018, 25, 835-846.	0.6	42
391	Modification of hemp fibers (Cannabis Sativa L.) for composite applications. Industrial Crops and Products, 2018, 111, 422-429.	2.5	95
392	Single fiber pull-out test of regenerated cellulose fibers in polypropylene: An energetic evaluation. Composites Part A: Applied Science and Manufacturing, 2018, 105, 19-27.	3.8	38
393	Tensile and impact properties of costâ€effective hybrid fiber metal laminate sandwich structures. Advances in Polymer Technology, 2018, 37, 2385-2393.	0.8	41
394	Failure of bolt connection in fiber reinforced plastic component exposed to bending torque. Engineering Failure Analysis, 2018, 84, 109-120.	1.8	4
395	Poly(propylene)/waste vulcanized ethylene- propylene-diene monomer (PP/WEPDM) blends prepared by high-shear thermo-kinetic mixer. Journal of Elastomers and Plastics, 2018, 50, 537-553.	0.7	6
396	Composite materials manufacturing using textile inserts with natural origins fibres. IOP Conference Series: Materials Science and Engineering, 0, 393, 012088.	0.3	10
397	Effects of Date Seeds Size and Loading on Properties of Linear Low-Density Polyethylene/Date Seeds Powder Composites. Journal of Physics: Conference Series, 2018, 1019, 012060.	0.3	2
398	Mechanical, thermal and flammability properties of nonwoven kenaf reinforced acrylic based polyester composites: Effect of water glass treatment. IOP Conference Series: Materials Science and Engineering, 2018, 368, 012040.	0.3	2
399	Injection Molding of Thermoplastic Cellulose Esters and Their Compatibility with Poly(Lactic Acid) and Polyethylene. Materials, 2018, 11, 2358.	1.3	21

#	Article	IF	CITATIONS
400	Surface modification of eco-friendly ligno-cellulosic fibre extracted from Lagenaria siceraria plant agro waste: a sustainable approach. International Journal of Environment and Sustainable Development, 2018, 17, 366.	0.2	3
402	Natural Fibers for Sustainable Bio-Composites. , 0, , .		31
403	Effect of Modification Time of Kenaf Bast Fiber with Maleic Anhydride on Tensile Properties of Kenaf-Glass Hybrid Fiber Unsaturated Polyester Composites. Solid State Phenomena, 0, 280, 353-360.	0.3	9
404	FE Analysis of Low Density Hemp/Epoxy Composites Produced by a New Continuous Process. Procedia CIRP, 2018, 67, 428-433.	1.0	3
405	Hybrid Composites Based On Kenaf, Jute, Fiberglass Woven Fabrics: Tensile And Impact Properties. Materials Today: Proceedings, 2018, 5, 11198-11207.	0.9	11
406	Biomaterial from Oil Palm Waste: Properties, Characterization and Applications. , 0, , .		31
407	Review of Natural Fiber Reinforced Elastomer Composites. , 2018, , .		0
408	Tensile properties of a kenaf/x-ray film hybrid composite. AIP Conference Proceedings, 2018, , .	0.3	1
409	Natural Fibre Composites and Their Applications: A Review. Journal of Composites Science, 2018, 2, 66.	1.4	424
410	Manufacturing technologies of composite parts and subassemblies of automotive vehicles. IOP Conference Series: Materials Science and Engineering, 2018, 421, 032029.	0.3	1
411	The effects of different content and size of date seeds filler on thermal properties of LLDPE/date seeds (DS) composites. AIP Conference Proceedings, 2018, , .	0.3	0
412	Fiber-Reinforced Composites. Polymers and Polymeric Composites, 2018, , 1-30.	0.6	0
413	Comparative Analysis of the Tensile Properties of Polyester and Epoxy Composites Reinforced with Hemp Fibers. Materials Science Forum, 0, 930, 201-206.	0.3	5
414	Three Point Bending of Top-Hat Stiffened Chopped Short Fibre Ramie/HDPE Thermoplastic Composite Beam. Journal of Physics: Conference Series, 2018, 1005, 012006.	0.3	0
415	Polylactic acid (PLA) based green composites reinforced pineapple leaf fibres: evaluation of processing and tensile performance. MATEC Web of Conferences, 2018, 192, 03002.	0.1	0
416	A Review of Recent Research on Bio-Based Epoxy Systems for Engineering Applications and Potentialities in the Aviation Sector. Aerospace, 2018, 5, 110.	1.1	114
417	Permeability control in polymeric systems: a review. Journal of Polymer Research, 2018, 25, 1.	1.2	27
418	Simplified prediction of thermal degradation of jute-polyester textile composites using optical images. AIP Conference Proceedings, 2018, , .	0.3	1

#	Article	IF	CITATIONS
419	A Review of the Impact Performance of Natural Fiber Thermoplastic Composites. Frontiers in Materials, $2018, 5, \ldots$	1.2	51
420	Polyester Usage for Automotive Applications. , 0, , .		3
421	Processing and Wear Behaviour of 3D Printed PLA Reinforced with Biogenic Carbon. Advances in Tribology, 2018, 2018, 1-11.	2.1	58
422	Electrical conductivity of the graphene nanoplatelets coated natural and synthetic fibres using electrophoretic deposition technique. International Journal of Smart and Nano Materials, 2018, 9, 167-183.	2.0	20
423	Yield and quality of bast fibre from Abutilon theophrasti (Medic.) in southwest Germany depending on the site and fibre extraction method. Industrial Crops and Products, 2018, 121, 320-327.	2.5	6
424	Fire-resistant natural fibre-reinforced composites from flame retarded textiles. Polymer Degradation and Stability, 2018, 154, 115-123.	2.7	32
425	Morphology of Poly(styrene- <i>co</i> -butadiene) Random Copolymer Thin Films and Nanostructures on a Graphite Surface. Langmuir, 2018, 34, 7784-7796.	1.6	5
426	Study of the flexural modulus of lignocellulosic fibers reinforced bio-based polyamide11 green composites. Composites Part B: Engineering, 2018, 152, 126-132.	5.9	23
427	Preparation and characterization of biocomposite packaging film from poly(lactic acid) and acylated microcrystalline cellulose using rice bran oil. International Journal of Biological Macromolecules, 2018, 118, 1090-1102.	3.6	64
428	The Quasi-static and Dynamic Mechanical Behavior of Epoxy Matrix Composites Reinforced with Curaua Fibers. Materials Research, 2018, 21, .	0.6	8
429	A novel mattress filling material comprising of luffa fibers and EVA resin. Industrial Crops and Products, 2018, 124, 213-215.	2.5	10
430	Performance of Plain Woven Jute Fabric-Reinforced Polyester Matrix Composite in Multilayered Ballistic System. Polymers, 2018, 10, 230.	2.0	39
431	Fique Fabric: A Promising Reinforcement for Polymer Composites. Polymers, 2018, 10, 246.	2.0	92
432	Evaluation of highly filled epoxy composites modified with walnut shell waste filler. Polymer Bulletin, 2018, 75, 2511-2528.	1.7	66
433	Tensile behavior of aloe vera fiber reinforced epoxy and polyester resin matrix composites. Pigment and Resin Technology, 2018, 47, 440-443.	0.5	2
434	Use of Recycled Pulped Chromated Copper Arsenate-Treated Wood Fibre in Polymer Composites. Journal of Composites Science, 2018, 2, 35.	1.4	3
435	Biodegradation of jute/poly(lactic acid) composites by fungi. Science China Technological Sciences, 2018, 61, 1705-1712.	2.0	5
436	Performance of jute non-woven mat reinforced polyester matrix composite in multilayered armor. Journal of Materials Research and Technology, 2018, 7, 535-540.	2.6	45

#	Article	IF	CITATIONS
437	Mechanical behavior of mallow fabric reinforced polyester matrix composites. Journal of Materials Research and Technology, 2018, 7, 515-519.	2.6	11
438	Processing of a Green Fiber-Reinforced Composite of High-Performance Curaua Fiber in Polyester. Jom, 2018, 70, 1958-1964.	0.9	3
439	Thermal Behavior of Polyester Composites Reinforced with Green Sugarcane Bagasse Fiber. Jom, 2018, 70, 1965-1971.	0.9	15
440	The application of 2D woven kenaf reinforced unsaturated polyester composite in automotive interiors. IOP Conference Series: Materials Science and Engineering, 2018, 368, 012032.	0.3	3
441	Experimental evaluation of static and dynamic properties of low styrene emission vinylester laminates reinforced by natural fibres. Polymer Testing, 2018, 69, 437-449.	2.3	17
442	Effect of V2O5 particles size on oxidation of m-xylene: Vapor-phase oxidation of m-xylene by using V2O5 encapsulated into the TiO2 lattice as an efficient and reusable catalyst. Chemical Engineering Science, 2018, 190, 5-13.	1.9	8
443	Ultrasonic inspection of natural fiber-reinforced composites., 2018,, 227-251.		6
444	Potential of natural/synthetic hybrid composites for aerospace applications., 2018,, 315-351.		77
445	Influence of surface flame-retardant layer containing ammonium polyphosphate and expandable graphite on the performance of jute/polypropylene composites. Journal of Thermal Analysis and Calorimetry, 2019, 135, 2367-2375.	2.0	25
446	Experimental study on drilling of jute fiber reinforced polymer composites. Journal of Composite Materials, 2019, 53, 283-295.	1.2	72
447	Bast fibres: structure, processing, properties, and applications. International Materials Reviews, 2019, 64, 381-406.	9.4	80
449	Characterization of Banana Natural Fiber Nanocomposites by Thermal Analysis. Lecture Notes on Multidisciplinary Industrial Engineering, 2019, , 659-670.	0.4	0
450	Cellulose carbamate derived cellulose thin films: preparation, characterization and blending with cellulose xanthate. Cellulose, 2019, 26, 7399-7410.	2.4	19
451	Guaruman: a Natural Amazonian Fiber with Potential for Polymer Composite Reinforcement. Materials Research, 2019, 22, .	0.6	9
452	Fabrication and tribological investigation of Coconut coir/Banana fiber/Glass fiber reinforced hybrid polymer matrix composites- A Taguchi's approach. Materials Research Express, 2019, 6, 105345.	0.8	9
453	Development and mechanical characterization of novel polymer-based flexible composite and optimization of stacking sequences using VIKOR and PSI techniques. Journal of Thermoplastic Composite Materials, 2021, 34, 1080-1102.	2.6	10
454	Evaluation of surface pre-treatments on the surface characteristics modifications in sponge gourd ( <i>Luffa Cylindrica</i> ) fibers. Materials Research Express, 2019, 6, 095106.	0.8	9
455	Green Polymer Composites Based on Polylactic Acid (PLA) and Fibers. Materials Horizons, 2019, , 29-54.	0.3	5

#	Article	IF	CITATIONS
456	Natural-sourced benzoxazine resins, homopolymers, blends and composites: A review of their synthesis, manufacturing and applications. Progress in Polymer Science, 2019, 99, 101168.	11.8	177
457	Mechanical characterization of the Poly lactic acid (PLA) composites prepared through the Fused Deposition Modelling process. Materials Research Express, 2019, 6, 105359.	0.8	9
458	Sustainability of surface treatment of natural fibre in composite formation: challenges of environment-friendly option. International Journal of Advanced Manufacturing Technology, 2019, 105, 3183-3195.	1.5	26
459	Mechanical properties of the Jute fibers-activated carbon filled reinforced polyester composites. Materials Research Express, 2019, 6, 125104.	0.8	4
461	Impact of silane treated basalt fibers and montmorillonite nano-clay on polypropylene composites. Materials Research Express, 2019, 6, 125325.	0.8	5
462	A review of important considerations in the compression molding process of short natural fiber composites. International Journal of Advanced Manufacturing Technology, 2019, 105, 3437-3450.	1.5	54
463	Hybrid Cellulose-Glass Fiber Composites for Automotive Applications. Materials, 2019, 12, 3189.	1.3	32
464	Flexural Response of Cross-Ply Flax Fiber–Reinforced Polymer Skinned Foam Cylinders. Journal of Composites for Construction, 2019, 23, .	1.7	2
465	Amazing Types, Properties, and Applications of Fibres in Construction Materials. Materials, 2019, 12, 2513.	1.3	86
466	Optimization of the Curing and Post-Curing Conditions for the Manufacturing of Partially Bio-Based Epoxy Resins with Improved Toughness. Polymers, 2019, 11, 1354.	2.0	38
467	Effect of chemical treatments on properties of raffia palm (Raphia farinifera) fibers. Cellulose, 2019, 26, 9463-9482.	2.4	20
468	Natural Fiber Reinforced Starch Based Biocomposites. Polymer Science - Series A, 2019, 61, 533-543.	0.4	13
469	Natural Fibers as Sustainable and Renewable Resource for Development of Eco-Friendly Composites: A Comprehensive Review. Frontiers in Materials, 2019, 6, .	1.2	475
470	Mechanical properties of untreated and treated sugar palm fibre reinforced polypropylene composites. AIP Conference Proceedings, 2019, , .	0.3	0
471	Polymer Composites Reinforced with Natural Fibers and Nanocellulose in the Automotive Industry: A Short Review. Journal of Composites Science, 2019, 3, 51.	1.4	124
472	Correlation between cross sectional area and torsion degree of fique yarns by image analysis system. Journal of Physics: Conference Series, 2019, 1247, 012030.	0.3	2
473	The pull-out behavior of chemically treated lignocellulosic fibers/polymeric matrix interface (LF/PM): A review. Composites Part B: Engineering, 2019, 174, 107059.	5.9	43
474	Properties of hybrid composites using coral reefs waste and coconut fiber. IOP Conference Series: Materials Science and Engineering, 2019, 508, 012059.	0.3	2

#	Article	IF	Citations
475	Additive manufacturing of natural fiber reinforced polymer composites: Processing and prospects. Composites Part B: Engineering, 2019, 174, 106956.	5.9	329
476	Interlaminar toughening in structural carbon fiber/epoxy composites interleaved with carbon nanotube veils. Composites Part A: Applied Science and Manufacturing, 2019, 124, 105477.	3.8	117
477	Fiber-Reinforced Composites. Polymers and Polymeric Composites, 2019, , 417-446.	0.6	5
478	Mechanical and Thermal Properties of Green Thermoplastic Elastomer Vulcanizate Nanocomposites Based on Poly (vinyl chloride) and Nitrile Butadiene Rubber Containing Organoclay and Rice Straw Natural Fibers. Journal of Polymers and the Environment, 2019, 27, 2017-2026.	2.4	10
479	Water absorption behaviour on the mechanical properties of woven hybrid reinforced polyester composites. International Journal of Advanced Manufacturing Technology, 2019, 104, 1075-1086.	1.5	36
480	Experimental investigation on the response of unidirectional flax fiber composites to low-velocity impact with after-impact tensile and compressive strength measurement. Composites Part B: Engineering, 2019, 171, 246-253.	5.9	26
481	Hot single-point incremental forming of glass-fiber-reinforced polymer (PA6GF47) supported by hot air. Journal of Manufacturing Processes, 2019, 43, 17-25.	2.8	27
482	Fe <sub>2</sub> O <sub>3</sub> nanoparticles dispersed unsaturated polyester resin based nanocomposites: effect of gamma radiation on mechanical properties. Radiation Effects and Defects in Solids, 2019, 174, 480-493.	0.4	26
483	Renewable routes to monomeric precursors of nylon 66 and nylon 6 from food waste. Journal of Cleaner Production, 2019, 227, 624-633.	4.6	50
484	Experimental testing of oil palm fibre composite manufactured via vacuum bagging method. IOP Conference Series: Materials Science and Engineering, 2019, 488, 012009.	0.3	0
485	Analysis of the hybrid composite materials reinforced with natural fibers considering digital image correlation (DIC) measurements. Mechanics of Materials, 2019, 135, 46-56.	1.7	30
486	Characterization of tensile properties of alkali-treated kenaf/polypropylene composites. AIP Conference Proceedings, 2019, , .	0.3	9
487	Effect of hybridization on properties of hemp-carbon fibre-reinforced hybrid polymer composites using experimental and finite element analysis. World Journal of Engineering, 2019, 16, 248-259.	1.0	36
488	Tribo-functional effects of double-crossed helix on surface finish, cutting friction and tool wear mechanisms during the milling process of natural fiber composites. Wear, 2019, 426-427, 1507-1514.	1.5	22
489	Research on the use of lignocellulosic fibers reinforced bio-polyamide 11 with composites for automotive parts: Car door handle case study. Journal of Cleaner Production, 2019, 226, 64-73.	4.6	52
490	Interface properties and their effect on the mechanical performance of flax fibre thermoplastic composites. Composites Part A: Applied Science and Manufacturing, 2019, 122, 8-17.	3.8	37
491	Mechanical Behaviors of Flax Fiber-Reinforced Composites at Different Strain Rates and Rate-Dependent Constitutive Model. Materials, 2019, 12, 854.	1.3	21
492	Sustainable biocarbon as an alternative of traditional fillers for poly(butylene terephthalate)â€based composites: Thermoâ€oxidative aging and durability. Journal of Applied Polymer Science, 2019, 136, 47722.	1.3	24

#	Article	IF	CITATIONS
493	Fundamentals of Organic-Glass Adhesion. , 2019, , 1-41.		2
494	Mechanical and morphological properties of bamboo mesoparticle/nylon 6 composites. International Journal of Materials Research, 2019, 110, 130-136.	0.1	13
495	Effect of Superheated Steam Treatment on the Mechanical Properties and Dimensional Stability of PALF/PLA Biocomposite. Polymers, 2019, 11, 482.	2.0	12
496	Freeze dried cellulose nanocrystal reinforced unsaturated polyester composites: challenges and potential. Cellulose, 2019, 26, 4391-4403.	2.4	18
497	Important Considerations in Manufacturing of Natural Fiber Composites: A Review. International Journal of Precision Engineering and Manufacturing - Green Technology, 2019, 6, 647-664.	2.7	64
498	Reliable Natural-Fibre Augmented Biodegraded Polymer Composites. , 2019, , 961-975.		1
499	Introduction to Green Composites. Materials Horizons, 2019, , 1-13.	0.3	8
500	Valorization of Industrial Lignin as Biobased Carbon Source in Fire Retardant System for Polyamide 11 Blends. Polymers, 2019, 11, 180.	2.0	18
501	Optimal design of flax fiber reinforced polymer composite as a lightweight component for automobiles from a life cycle assessment perspective. Journal of Industrial Ecology, 2019, 23, 986-997.	2.8	26
502	Physio-mechanical and wear properties of novel jute reinforced natural rubber based flexible composite. Materials Research Express, 2019, 6, 055503.	0.8	25
503	Chemical and Morphological Characterization of Guaruman Fiber. Minerals, Metals and Materials Series, 2019, , 107-113.	0.3	2
504	Prediction of the mechanical behavior of fiber-reinforced composite structure considering its shear angle distribution generated during thermo-compression molding process. Composite Structures, 2019, 220, 441-450.	3.1	20
505	Development of Sustainable and Cost-Competitive Injection-Molded Pieces of Partially Bio-Based Polyethylene Terephthalate through the Valorization of Cotton Textile Waste. International Journal of Molecular Sciences, 2019, 20, 1378.	1.8	33
506	A Review of Recent Advances in Nanoengineered Polymer Composites. Polymers, 2019, 11, 644.	2.0	48
507	Mechanical evaluation of hybrid natural fibre–reinforced polymeric composites for automotive bumper beam: a review. International Journal of Advanced Manufacturing Technology, 2019, 103, 1781-1797.	1.5	61
508	Preparation of Renewable Epoxy-Amine Resins With Tunable Thermo-Mechanical Properties, Wettability and Degradation Abilities From Lignocellulose- and Plant Oils-Derived Components. Frontiers in Chemistry, 2019, 7, 159.	1.8	26
509	Polymerâ€Based Nanoâ€Composites for Thermal Insulation. Advanced Engineering Materials, 2019, 21, 1801162.	1.6	45
510	Analysis of Flexural Strength of Jute/Sisal Hybrid Polyester Composite. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 599-609.	0.2	0

#	Article	IF	CITATIONS
511	Separated 3D printing of continuous carbon fiber reinforced thermoplastic polyimide. Composites Part A: Applied Science and Manufacturing, 2019, 121, 457-464.	3.8	55
512	Fundamentals of Organic-Glass Adhesion. , 2019, , 1-41.		0
513	Lignocellulosic Polymer Composites: Processing, Challenges, and Opportunities. Materials Horizons, 2019, , 15-30.	0.3	6
514	Piassava Fibers: Morphologic and Spectroscopic Aspects. Minerals, Metals and Materials Series, 2019, , 125-131.	0.3	4
515	A review on mechanical behavior of natural fiber reinforced polymer composites and its applications. Journal of Reinforced Plastics and Composites, 2019, 38, 441-453.	1.6	143
516	Mechanical and Impact Damage Analysis on Carbon/Natural Fibers Hybrid Composites: A Review. Materials, 2019, 12, 517.	1.3	47
517	Natural Fibers Reinforced Polymer Composites Applied in Ballistic Multilayered Armor for Personal Protection—An Overview. Minerals, Metals and Materials Series, 2019, , 33-47.	0.3	29
518	Investigation on mechanical properties of polyurethane hybrid nanocomposite foams reinforced with roselle fibers and silica nanoparticles. Nanocomposites, 2019, 5, 1-12.	2.2	31
519	Static analysis on Malaysian Yankee's pineapple leaf fiber/epoxy composite. IOP Conference Series: Materials Science and Engineering, 2019, 670, 012032.	0.3	0
520	Review of challenges of the design of rocket motor case structures. IOP Conference Series: Materials Science and Engineering, 2019, 610, 012019.	0.3	1
521	Tensile Properties of Kenaf Fiber by Alkalinization Treatment: Effect of different concentration. IOP Conference Series: Materials Science and Engineering, 2019, 703, 012030.	0.3	0
522	Influence of radiation-crosslinking on the elongation behaviour of glass-fibre-filled sheets in the thermoforming process. Journal of Polymer Engineering, 2019, 39, 515-525.	0.6	0
523	Injection Molding of Highly Filled Polypropylene-based Biocomposites. Buckwheat Husk and Wood Flour Filler: A Comparison of Agricultural and Wood Industry Waste Utilization. Polymers, 2019, 11, 1881.	2.0	32
524	6. Aggrandized flexural properties of assorted natural biological materials., 2019,, 111-140.		5
525	Poly(vinyl acetate)-coated jute fabric reinforced polyester composite with enhanced mechanical performance: Interfacial hydrogen bond and autohesion mechanism. Journal of Industrial Textiles, 2022, 51, 1121-1142.	1.1	4
526	Efficient Process Chain for Processing Natural Fiber Reinforced Thermoplastics. Key Engineering Materials, 2019, 809, 658-663.	0.4	0
527	Comparison of Tribological Behaviour between Natural and Synthetic Fibres Composites. Key Engineering Materials, 0, 813, 340-345.	0.4	1
528	Statistical analysis of notch toughness of epoxy matrix composites reinforced with fique fabric. Journal of Materials Research and Technology, 2019, 8, 6051-6057.	2.6	22

#	Article	IF	CITATIONS
529	Tailored morphology and highly enhanced phonon transport in polymer fibers: a multiscale computational framework. Npj Computational Materials, 2019, 5, .	3.5	31
532	Review of natural fiber-reinforced engineering plastic composites, their applications in the transportation sector and processing techniques. Journal of Thermoplastic Composite Materials, 2022, 35, 1169-1209.	2.6	130
533	NFRP strengthening of reinforced concrete beams. IOP Conference Series: Materials Science and Engineering, 2019, 640, 012074.	0.3	8
534	Sisal Fibers Reinforced Epoxidized Nonedible Oils Based Epoxy Green Composites and Its Potential Applications. Textile Science and Clothing Technology, 2019, , 73-102.	0.4	3
535	Thermal and physicomechanical properties of gammaâ€irradiated EPDM/waste newsprint microfibers composites treated using acrylic styrene emulsion as a coupling agent. Journal of Vinyl and Additive Technology, 2019, 25, E91.	1.8	6
536	Lowâ€temperature compounding of flax fibers with polyamide 6 via solidâ€state shear pulverization: Towards viable natural fiber composites with engineering thermoplastics. Polymer Composites, 2019, 40, 3285-3295.	2.3	10
537	Explicit numerical modeling assessment of basalt reinforced composites for low-velocity impact. Composites Part B: Engineering, 2019, 163, 522-535.	5.9	22
538	Meso-scale modelling and failure analysis of kenaf fiber reinforced composites under high strain rate compression loading. Composites Part B: Engineering, 2019, 163, 403-412.	5.9	12
539	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
540	Fabrication and mechanical characterization of Indian ramie reinforced polymer composites. Materials Research Express, 2019, 6, 055303.	0.8	19
541	Alfa fiber/polypropylene composites: Influence of fiber extraction method and chemical treatments. Journal of Applied Polymer Science, 2019, 136, 47392.	1.3	17
542	Multilayer cotton fabric bio-composites based on PLA and PHB copolymer for industrial load carrying applications. Composites Part B: Engineering, 2019, 163, 761-768.	5.9	44
543	Industrial applications of natural fibre-reinforced polymer composites – challenges and opportunities. International Journal of Sustainable Engineering, 2019, 12, 212-220.	1.9	200
544	Ramie and jute as natural fibers in a composite part—a life cycle engineering comparison with an aluminum part. , 2019, , 253-284.		4
545	Effect of mcl-PHA synthesis in flax on plant mechanical properties and cell wall composition. Transgenic Research, 2019, 28, 77-90.	1.3	9
546	Innovative cellulose fibres reinforced ethylene-norbornene copolymer composites of an increased degradation potential. Polymer Degradation and Stability, 2019, 159, 174-183.	2.7	11
547	Dry sliding friction and wear behavior of ramie fiber reinforced epoxy composites. Materials Research Express, 2019, 6, 015309.	0.8	22
548	Evaluation of the effects of decay and weathering in cellulose-reinforced fiber composites. , 2019, , 173-210.		6

#	Article	IF	CITATIONS
549	Compressive and fracture toughness of natural and synthetic fiber-reinforced polymer. , 2019, , 123-140.		16
550	Characterization of dimensional stability in flax fiber reinforced polypropylene composites. Polymer Composites, 2019, 40, 132-140.	2.3	15
551	Jute and hollow conjugated polyester composites for outdoor & indoor insulation applications. Journal of Natural Fibers, 2019, 16, 185-198.	1.7	7
552	Replacing stitching and weaving in natural fiber reinforcement manufacturing, part 1: mechanical behavior of unidirectional flax fiber composites. Journal of Natural Fibers, 2019, 16, 1064-1076.	1.7	14
553	Optimization of 3D woven preform for improved mechanical performance. Journal of Industrial Textiles, 2019, 48, 1206-1227.	1.1	31
554	Experimental and numerical investigations of kenaf natural fiber reinforced composite subjected to impact loading. Polymer Composites, 2019, 40, 909-915.	2.3	14
555	Investigating the Effects of Operational Factors on Wear Properties of Heat-Treated Pultruded Kenaf Fiber-Reinforced Polyester Composites using Taguchi Method. Journal of Natural Fibers, 2019, 16, 702-717.	1.7	20
556	Natural cellulose fiberâ€reinforced polyamide 6 thermoplastic composites prepared via <i>in situ</i> anionic ringâ€opening polymerization. Polymer Composites, 2019, 40, 1104-1116.	2.3	13
557	Preparation of nanofiber particles from the leaf of <i>Aristida hystrix</i> and its characterization. Journal of Natural Fibers, 2019, 16, 886-897.	1.7	4
558	Synthesis and characterization of natural fiber reinforced polymer composites as core for honeycomb core structure: A review. Journal of Sandwich Structures and Materials, 2020, 22, 525-550.	2.0	30
559	Assessment of Ichu Fibers Extraction and Their Use as Reinforcement in Composite Materials. Journal of Natural Fibers, 2020, 17, 700-715.	1.7	17
560	Drilling Behavior of Flax/Poly(Lactic Acid) Bio-Composite Laminates: An Experimental Investigation. Journal of Natural Fibers, 2020, 17, 1264-1280.	1.7	16
561	Green composites: A review of processing technologies and recent applications. Journal of Thermoplastic Composite Materials, 2020, 33, 1145-1171.	2.6	112
562	Progress of novel techniques for lightweight automobile applications through innovative eco-friendly composite materials: A review. Journal of Thermoplastic Composite Materials, 2020, 33, 978-1013.	2.6	97
563	Opportunities With Renewable Jute Fiber Composites to Reduce Eco-Impact of Nonrenewable Polymers. , 2020, , 810-821.		4
564	Properties of poly(lactic acid)/durian husk fiber biocomposites: Effects of fiber content and processing aid. Journal of Thermoplastic Composite Materials, 2020, 33, 1518-1532.	2.6	9
565	Development of Self-Adhesive Products Using Only Bamboo Fibers Extracted With a Machining Center. , 2020, , 59-70.		0
566	Kenaf Fiber Reinforced Composite in the Automotive Industry. , 2020, , 95-101.		8

#	Article	IF	Citations
567	A review of the tensile and fatigue responses of cellulosic fibre-reinforced polymer composites. Mechanics of Advanced Materials and Structures, 2020, 27, 645-660.	1.5	37
568	Numerical Study of Frequency and Deflection Responses of Natural Fiber (Luffa) Reinforced Polymer Composite and Experimental Validation. Journal of Natural Fibers, 2020, 17, 505-519.	1.7	36
569	Polyvinyl alcohol-graphene oxide nanocomposites: evaluation of flame-retardancy, thermal and mechanical properties. Journal of Macromolecular Science - Pure and Applied Chemistry, 2020, 57, 17-24.	1.2	10
570	Tannic acid functionalization of bamboo micron fibes: Its capability to toughen epoxy based biocomposites. Materials Chemistry and Physics, 2020, 243, 122112.	2.0	10
571	The mystery of coconut overturns the crashworthiness design of composite materials. International Journal of Mechanical Sciences, 2020, 168, 105244.	3.6	28
572	Production of Nylon-6/Cellulose Nanocrystal Composite Films Using Solvent Dissolution. Sugar Tech, 2020, 22, 328-339.	0.9	11
573	Experimental investigation of composite leaf spring reinforced with various fiber architecture. Advanced Composite Materials, 2020, 29, 129-145.	1.0	20
574	Mechanical analysis of medical waste reinforced polymer composite. Materials Today: Proceedings, 2020, 22, 473-476.	0.9	2
575	Comparison study of mechanical and dynamic vibration properties of hole defect introduced in hybrid polymer composite. Materials Today: Proceedings, 2020, 27, 677-682.	0.9	14
576	Static and dynamic mechanical analysis of geometrically different kenaf/PLA green composite laminates. Polymer Composites, 2020, 41, 691-706.	2.3	37
577	Surface modification of ligno-cellulosic fiber(jute) to increase electrical conductivity. Materials Letters: X, 2020, 5, 100036.	0.3	4
578	Preparation of Fly Ash/Epoxy Composites and Its Effects on Mechanical Properties. Polymers, 2020, 12, 79.	2.0	62
579	Natural Kenaf Fiber and LC3 Binder for Sustainable Fiber-Reinforced Cementitious Composite: A Review. Applied Sciences (Switzerland), 2020, 10, 357.	1.3	39
580	Advances in microbial production of medium-chain dicarboxylic acids for nylon materials. Reaction Chemistry and Engineering, 2020, 5, 221-238.	1.9	26
581	Comparative mechanical properties between biocomposites of Epoxy and polyester matrices reinforced by hemp fiber. Journal of Materials Research and Technology, 2020, 9, 1296-1304.	2.6	72
582	Ballistic behavior of epoxy matrix composites reinforced with piassava fiber against high energy ammunition. Journal of Materials Research and Technology, 2020, 9, 1734-1741.	2.6	41
583	Thermoformability characterisation of Flax reinforced polypropylene composite materials. Composites Part B: Engineering, 2020, 184, 107727.	5.9	12
584	Thermal and structural characterization of buriti fibers and their relevance in fabric reinforced composites. Journal of Materials Research and Technology, 2020, 9, 115-123.	2.6	40

#	Article	IF	CITATIONS
585	Effect of randomly distributed fibre on triaxial shear behavior of loess. Bulletin of Engineering Geology and the Environment, 2020, 79, 1555-1563.	1.6	21
586	Process design for performance improvement in purely ecofriendly composites for structural applications. Journal of Applied Polymer Science, 2020, 137, 48719.	1.3	2
587	Spatially resolved polymer classification using laser induced breakdown spectroscopy (LIBS) and multivariate statistics. Talanta, 2020, 209, 120572.	2.9	22
588	Tribological Behaviour of Hemp, Glass and Carbon Fibre Composites. Biotribology, 2020, 21, 100113.	0.9	26
589	Effects of the infill pattern on mechanical properties of fused layer modeling (FLM) 3D printed wood/polylactic acid (PLA) composites. European Journal of Wood and Wood Products, 2020, 78, 65-74.	1.3	64
590	Experimental investigation on sugarcane powder filled glass fiber epoxy composite. Materials Today: Proceedings, 2020, 22, 762-765.	0.9	4
591	Evaluation of Izod impact and bend properties of epoxy composites reinforced with mallow fibers. Journal of Materials Research and Technology, 2020, 9, 373-382.	2.6	27
592	Enhancement of Mechanical Properties of Flax-Epoxy Composite with Carbon Fibre Hybridisation for Lightweight Applications. Materials, 2020, 13, 109.	1.3	34
593	Caranan Fiber from Mauritiella armata Palm Tree as Novel Reinforcement for Epoxy Composites. Polymers, 2020, 12, 2037.	2.0	28
594	Correlation of fiber orientation and fiber-matrix-interaction of injection-molded polypropylene cellulose fiber composites. Composites Part A: Applied Science and Manufacturing, 2020, 139, 106112.	3.8	12
595	Towards lignin derived thermoplastic polymers. International Journal of Biological Macromolecules, 2020, 165, 3180-3197.	3.6	52
596	Surface modification of sized vegetal fibers through direct fluorination for eco-composites. Journal of Fluorine Chemistry, 2020, 238, 109618.	0.9	9
597	Impact Strength and Water Uptake Behavior of Bleached Kraft Softwood-Reinforced PLA Composites as Alternative to PP-Based Materials. Polymers, 2020, 12, 2144.	2.0	12
598	Experimental Analysis of Luffa Composite Material. IOP Conference Series: Materials Science and Engineering, 2020, 925, 012056.	0.3	0
599	A Short Review on Automobile Dashboard Materials. IOP Conference Series: Materials Science and Engineering, 2020, 810, 012033.	0.3	9
600	Failure of Glass Fibre-Reinforced Polypropylene Metal Laminate Subjected to Close-Range Explosion. Polymers, 2020, 12, 2139.	2.0	7
601	Development and characterization of WPCs produced with high amount of wood residue. Journal of Materials Research and Technology, 2020, 9, 9684-9690.	2.6	19
602	Extraction and characterization of cellulosic fiber from Centaurea solstitialis for composites. Cellulose, 2020, 27, 9963-9974.	2.4	33

#	Article	IF	CITATIONS
603	Copernicia Prunifera Leaf Fiber: A Promising New Reinforcement for Epoxy Composites. Polymers, 2020, 12, 2090.	2.0	21
604	Mechanical properties of composites with graphene oxide functionalization of either epoxy matrix or curaua fiber reinforcement. Journal of Materials Research and Technology, 2020, 9, 13390-13401.	2.6	43
605	A review on the mechanics of carbon nanotube strengthened deformable structures. Engineering Structures, 2020, 220, 110711.	2.6	50
606	Post-impact damage tolerance of natural fibre-reinforced sheet moulding compound. Advanced Composites Letters, 2020, 29, 2633366X2096793.	1.3	0
607	Bionanocomposites as industrial materials, current and future perspectives: a review. Emergent Materials, 2020, 3, 711-725.	3.2	21
608	Ballistic Performance of Ramie Fabric Reinforcing Graphene Oxide-Incorporated Epoxy Matrix Composite. Polymers, 2020, 12, 2711.	2.0	25
609	Chemical Composition and Mechanical Properties of Natural Fibers. Journal of Natural Fibers, 2022, 19, 3942-3953.	1.7	96
610	Pyrolysis for Nylon 6 Monomer Recovery from Teabag Waste. Polymers, 2020, 12, 2695.	2.0	25
611	Recent Progress in Hybrid Biocomposites: Mechanical Properties, Water Absorption, and Flame Retardancy. Materials, 2020, 13, 5145.	1.3	52
612	Relationship between the Processing, Structure, and Properties of Microfibrillar Composites. Advanced Materials, 2020, 32, e2003938.	11.1	37
613	Effect of Stacking Sequence on Mechanical Properties and Moisture Absorption Characteristic of Hybrid PALF/Glass Fiber Composites. Fibers and Polymers, 2020, 21, 1583-1593.	1.1	30
614	Recent advancements of plant-based natural fiber–reinforced composites and their applications. Composites Part B: Engineering, 2020, 200, 108254.	5.9	323
615	Design for Sustainability with Biodegradable Composites. , 2020, , .		2
616	A review on plant fiber reinforced thermoset polymers for structural and frictional composites. Polymer Testing, 2020, 91, 106792.	2.3	83
617	Investigation of Oil Palm Empty Fruit Bunch (OPEFB) Embedded with Artocarpus Odorattisimus Mechanical Behaviour as an Alternative Replacement for Raw Material in Wood Industry. IOP Conference Series: Materials Science and Engineering, 2020, 834, 012007.	0.3	1
618	Preparation and characterization of new hybrid polymer composites from Phoenix pusilla fibers/Eâ€glass /carbon fabrics on potential engineering applications: Effect of stacking sequence. Polymer Composites, 2020, 41, 4572-4582.	2.3	28
619	Tribological Behavior of Micro Coir Filler Reinforced Polymer Composite under Dry, Wet, and Heated Contact Condition. Journal of Natural Fibers, 2022, 19, 2077-2092.	1.7	11
620	Effect of hemp fiber length on the mechanical and thermal properties of polypropylene/SEBS/hemp fiber composites. Journal of Materials Research and Technology, 2020, 9, 10768-10781.	2.6	33

#	Article	IF	CITATIONS
621	Characterization of a novel natural cellulosic fiber extracted from the stem of Chrysanthemum morifolium. Cellulose, 2020, 27, 8621-8634.	2.4	45
622	Effect of fibre alignment on mechanical properties of natural fibre reinforced polymer composites. IOP Conference Series: Materials Science and Engineering, 2020, 912, 052002.	0.3	0
623	Development of Novel Polyamide 11 Multifilaments and Fabric Structures Based on Industrial Lignin and Zinc Phosphinate as Flame Retardants. Molecules, 2020, 25, 4963.	1.7	9
624	Promising Mechanical, Thermal, and Ballistic Properties of Novel Epoxy Composites Reinforced with Cyperus malaccensis Sedge Fiber. Polymers, 2020, 12, 1776.	2.0	62
625	Influence of Fiber Coating and Polymer Modification on Mechanical and Thermal Properties of Bast/Basalt Reinforced Polypropylene Hybrid Composites. Journal of Composites Science, 2020, 4, 119.	1.4	10
626	Mechanical and Thermal Characterization of Camphor Soot Embedded Coir Fiber Reinforced Nylon Composites. Fibers and Polymers, 2020, 21, 2569-2578.	1.1	7
627	Ballistic Performance of Natural Fiber Based Soft and Hard Body Armour- A Mini Review. Frontiers in Materials, 2020, 7, .	1.2	19
628	Fiber Orientation and Concentration in an Injection-Molded Ethylene-Propylene Copolymer Reinforced by Hemp. Polymers, 2020, 12, 2771.	2.0	10
629	Effect of Chemical Treatment and Length of Raffia Fiber (Raphia vinifera) on Mechanical Stiffening of Polyester Composites. Polymers, 2020, 12, 2899.	2.0	18
630	Cellulose Modification for Improved Compatibility with the Polymer Matrix: Mechanical Characterization of the Composite Material. Materials, 2020, 13, 5519.	1.3	27
631	Biomass derived Fibers as a Substitute to Synthetic Fibers in Polymer Composites. ChemBioEng Reviews, 2020, 7, 193-215.	2.6	14
632	Hydrogenation of Adiponitrile to Hexamethylenediamine over Raney Ni and Co Catalysts. Applied Sciences (Switzerland), 2020, 10, 7506.	1.3	9
633	Plant-Based Natural Fibre Reinforced Composites: A Review on Fabrication, Properties and Applications. Coatings, 2020, 10, 973.	1.2	104
634	Hybrid Polymer Composites of Bio-Based Bast Fibers with Glass, Carbon and Basalt Fibers for Automotive Applications—A Review. Molecules, 2020, 25, 4933.	1.7	32
635	Vibration and Wear Characteristics of Aloevera/Flax/Hemp Woven Fiber Epoxy Composite Reinforced with Wire Mesh and BaSO <sub>4</sub> . Journal of Natural Fibers, 2022, 19, 2885-2901.	1.7	27
636	The Mechanical Behaviors of Polyethylene/Silver Nanoparticle Composites: an Insight from Molecular Dynamics study. Scientific Reports, 2020, 10, 7600.	1.6	12
637	Studies on durability of sustainable biobased composites: a review. RSC Advances, 2020, 10, 17955-17999.	1.7	110
638	Behaviour of lignocellulosic fibre-reinforced cellular core under low-velocity impact loading: Taguchi method. International Journal of Advanced Manufacturing Technology, 2020, 108, 223-233.	1.5	26

#	Article	IF	CITATIONS
639	Sustainable Soil Bearing Capacity Improvement Using Natural Limited Life Geotextile Reinforcement—A Review. Minerals (Basel, Switzerland), 2020, 10, 479.	0.8	12
640	Investigation on Fabrication and Properties of Natural Fiber Reinforced Melamine Formaldehyde Matrix Composites. Materials Today: Proceedings, 2020, 24, 1348-1354.	0.9	2
641	Liquid metals in plastics for super-toughness and high-performance force sensors. Chemical Engineering Journal, 2020, 399, 125732.	6.6	50
642	Polyurethane derived from castor oil reinforced with long cotton fibers: Static and dynamic testing of a novel eco-friendly composite material. Journal of Composite Materials, 2020, 54, 3125-3142.	1.2	11
643	Cellular, Mineralized, and Programmable Cellulose Composites Fabricated by 3D Printing of Aqueous Pastes Derived from Paper Wastes and Microfibrillated Cellulose. Macromolecular Materials and Engineering, 2020, 305, 1900740.	1.7	9
644	A review of jute fiber reinforced polymer composites. Materials Today: Proceedings, 2020, 26, 2079-2082.	0.9	56
645	Influence of lignin content on the intrinsic modulus of natural fibers and on the stiffness of composite materials. International Journal of Biological Macromolecules, 2020, 155, 81-90.	3.6	23
646	Experimental investigation on dynamic mechanical and thermal characteristics of Coccinia Indica fiber reinforced polyester composites. Journal of Engineered Fibers and Fabrics, 2020, 15, 155892502090583.	0.5	17
647	Impact Properties and Water Uptake Behavior of Old Newspaper Recycled Fibers-Reinforced Polypropylene Composites. Materials, 2020, 13, 1079.	1.3	17
648	Preparation and characterization of tensile and bending properties of basalt-kenaf reinforced hybrid polymer composites. International Journal of Polymer Analysis and Characterization, 2020, 25, 227-237.	0.9	8
649	Design and development of glass/basalt fiber reinforced composite material for automobile applications. Journal of Industrial Textiles, 2022, 51, 1668S-1681S.	1,1	7
650	Influence of Seaweed Filler on Dry Sliding Wear of Carbon Fiber Reinforced Epoxy Composites. Journal of Natural Fibers, 2020, , 1-11.	1.7	5
651	Use of Mineral Flame Retardants to Reduce the Combustibility of Thermal Insulating Board Composites from Plant Waste. IOP Conference Series: Earth and Environmental Science, 2020, 459, 062115.	0.2	0
655	Impact strength and morphological properties of Kenaf/glass fibre/polyester hybrid composite for attenuator application. Materials Today: Proceedings, 2020, 29, 119-122.	0.9	5
656	Machining process of glass-fiber-reinforced polyamide 6.6 Composite: pathways to improve the drilling of recycled polymers. Engineering Research Express, 2020, 2, 015037.	0.8	5
657	Mechanical performance of hybrid bast and basalt fibers reinforced polymer composites. Journal of Polymer Research, 2020, 27, 1.	1.2	22
658	Synergic effect of montmorillonite and microcrystalline cellulose on the physicochemical properties of rice husk/PVC composite. SN Applied Sciences, 2020, 2, 1.	1.5	11
659	Manufacturing techniques for metal matrix composites (MMC): an overview. Advances in Materials and Processing Technologies, 2020, 6, 441-457.	0.8	50

#	Article	IF	CITATIONS
660	Critical Role of Degree of Polymerization of Cellulose in Super-Strong Nanocellulose Films. Matter, 2020, 2, 1000-1014.	5.0	106
661	Review on neoteric biorefinery systems from detritus lignocellulosic biomass: A profitable approach. Journal of Cleaner Production, 2020, 256, 120607.	4.6	25
662	Grain size effect on tensile and flexural strength of particulate composites reinforced with Acropora waste. Materials Today: Proceedings, 2020, 22, 156-161.	0.9	6
663	Experimental investigation on material removal rate during abrasive water jet machining of GFRP composites. Materials Today: Proceedings, 2020, 26, 1389-1392.	0.9	28
664	Development and evaluation of zinc oxide-blended kenaf fiber biocomposite for automotive applications. Materials Today Communications, 2020, 24, 101008.	0.9	27
665	Investigation on fracture toughness of algae filler vinyl ester composite. Materials Today: Proceedings, 2020, 22, 1233-1235.	0.9	3
666	Pineapple Leaf Fibers. Green Energy and Technology, 2020, , .	0.4	17
667	Digital image correlation and acoustic emission for damage analysis during tensile loading of open-hole flax laminates. Engineering Fracture Mechanics, 2020, 228, 106921.	2.0	21
668	A New Strategy to Produce Hemp Fibers through a Waterglass-Based Ecofriendly Process. Materials, 2020, 13, 1844.	1.3	5
669	Natural Fibers: Applications. , 0, , .		14
670	The effect of UV irradiation on the dielectric properties of bionanocomposites with fillers of biological origin and metal nanoparticles. Modern Physics Letters B, 2020, 34, 2050186.	1.0	5
671	Thermal behavior of graphene oxide-coated piassava fiber and their epoxy composites. Journal of Materials Research and Technology, 2020, 9, 5343-5351.	2.6	50
672	Influence of coupling agent on altering the reinforcing efficiency of natural fibre-incorporated polymers – A review. Journal of Reinforced Plastics and Composites, 2020, 39, 520-544.	1.6	50
673	Fiber-reinforced nanocomposites: an introduction. , 2020, , 3-6.		1
674	A comprehensive review on material selection for polymer matrix composites subjected to impact load. Defence Technology, 2021, 17, 257-277.	2.1	81
675	Analysing Flammability Characteristics of Green Biocomposites: An Overview. Fire Technology, 2021, 57, 31-67.	1.5	29
676	Advances in Salt Tolerance of Some Major Fiber Crops Through Classical and Advanced Biotechnological Tools: A Review. Journal of Plant Growth Regulation, 2021, 40, 891-905.	2.8	9
677	Progress in green nanocomposites for high-performance applications. Materials Research Innovations, 2021, 25, 53-65.	1.0	27

#	Article	IF	Citations
678	Influence of Coir Fiber Geometry on Mechanical Properties of SiC Filled Epoxy Composites. Silicon, 2021, 13, 301-307.	1.8	12
679	Natural fiber–reinforced composites: A review on material, manufacturing, and machinability. Journal of Thermoplastic Composite Materials, 2021, 34, 238-284.	2.6	220
680	Viscoelastic behavior of aloevera/hemp/flax sandwich laminate composite reinforced with BaSO <sub>4</sub> : Dynamic mechanical analysis. Journal of Industrial Textiles, 2021, 50, 1040-1064.	1.1	26
681	An intumescent flame-retardant layer with $\hat{l}^2$ -cyclodextrin as charring agent and its flame retardancy in jute/polypropylene composites. Polymer Bulletin, 2021, 78, 4281-4296.	1.7	14
682	Alginate/Polymer-Based Materials for Fire Retardancy: Synthesis, Structure, Properties, and Applications. Polymer Reviews, 2021, 61, 357-414.	5.3	38
683	Experimental investigation and prediction of tribological behavior of unidirectional short castor oil fiber reinforced epoxy composites. Friction, 2021, 9, 250-272.	3.4	40
684	Synthesis of polymeric composites reinforced with short bamboo fibers supported by experiment design. Polymer Composites, 2021, 42, 474-483.	2.3	4
685	Influence of functional group content in hydroxyl-functionalized urethane methacrylate oligomers on the crosslinking features of clearcoats. Journal of Coatings Technology Research, 2021, 18, 229-237.	1.2	3
686	Pin hole tensile and fatigue properties of self-reinforced PET composites. Composite Structures, 2021, 255, 112981.	3.1	12
687	The tribological properties of porous cotton/phenolic bearing retainer on different surfaces.  Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2021, 235, 1470-1477.	1.0	1
690	Review on the performances, foaming and injection molding simulation of natural fiber composites. Polymer Composites, 2021, 42, 1305-1324.	2.3	28
691	Effect of yarn singeing and commingling on the mechanical properties of jute/polypropylene composites. Polymer Composites, 2021, 42, 828-841.	2.3	14
692	Fully Bio-Based Epoxy-Amine Thermosets Reinforced with Recycled Carbon Fibers as a Low Carbon-Footprint Composite Alternative. ACS Applied Polymer Materials, 2021, 3, 426-435.	2.0	17
693	Electrical and mechanical properties of industrial waste based composites. Materials Today: Proceedings, 2021, 46, 5512-5515.	0.9	0
694	Electro-flexure response of multi-functional natural fiber hybrid composites. Journal of Reinforced Plastics and Composites, 2021, 40, 220-234.	1.6	4
695	Electro-fracture Studies of Natural Fiber Composites. Journal of Natural Fibers, 2021, 18, 1044-1053.	1.7	7
696	Application of biocomposites in automotive components: A review., 2021, , 1-17.		7
697	Study on the Propagation of Stress Waves in Natural Fiber Composite Strips. Journal of Composites Science, 2021, 5, 34.	1.4	3

#	Article	IF	CITATIONS
698	Sustainable reinforcers for polymer composites. , 2021, , 59-88.		1
699	Processing of bio-based polymers. , 2021, , 151-189.		1
700	Sustainable Natural Bio-composites and its Applications. Lecture Notes in Mechanical Engineering, 2021, , 433-439.	0.3	1
701	Recent Developments of Epoxy Nanocomposites Used for Aerospace and Automotive Application. , 2021, , 1295-1318.		0
702	From the Understanding of Fluorination Process to Hydrophobic Natural Fibers. Composites Science and Technology, 2021, , 461-486.	0.4	0
703	New Concept in Bioderived Composites: Biochar as Toughening Agent for Improving Performances and Durability of Agave-Based Epoxy Biocomposites. Polymers, 2021, 13, 198.	2.0	13
704	Mechanical behavior of disposed fiberglass filled bamboo mat reinforced polyester composite. Materials Today: Proceedings, 2021, 46, 6004-6011.	0.9	5
705	Polymer Hybrid Nanocomposite Fibres. , 2021, , 219-238.		0
706	Interphase and interfacial properties of composite materials., 2021,, 151-177.		0
707	Synergistic effect of natural fiber-reinforced polymer composite. , 2021, , 145-165.		1
708	Blackberry (Rubus Glaucus) Natural-Fiber Reinforced Polymeric Composites: An Overview of Mechanical Characteristics. Lecture Notes in Electrical Engineering, 2021, , 300-315.	0.3	1
709	State-of-the-art review on recent advances and perspectives of ballistic composite materials. , 2021, , 3-54.		1
710	Analysis of Short Jute Fiber-Polypropylene Composite Using Experimental and XFEM Approach. Journal of Natural Fibers, 2022, 19, 4606-4621.	1.7	1
711	Development of Compatibilized Polyamide 1010/Coconut Fibers Composites by Reactive Extrusion with Modified Linseed Oil and Multi-functional Petroleum Derived Compatibilizers. Fibers and Polymers, 2021, 22, 728-744.	1.1	7
712	Additive Manufacturing of Nylon Parts and Implication Study on Change in Infill Densities and Structures. Materials Forming, Machining and Tribology, 2021, , 245-260.	0.7	2
713	Bioresourced fillers for rubber composite sustainability: current development and future opportunities. Green Chemistry, 2021, 23, 5337-5378.	4.6	80
714	A comprehensive review on cellulose nanocrystals and cellulose nanofibers: Pretreatment, preparation, and characterization. Polymer Composites, 2021, 42, 1588-1630.	2.3	151
715	Hybridization and influence of chemical treatment on the morphology and optimization of composites. Materials Today: Proceedings, 2021, 44, 4833-4837.	0.9	2

#	Article	IF	Citations
716	Thermoplastics and thermoplastic–matrix composites for lightweight automotive structures. , 2021, , 187-228.		27
717	Aerospace and vehicle industry. , 2021, , 399-417.		3
718	Green Composite as an Adequate Material for Automotive Applications. Materials Horizons, 2021, , 151-208.	0.3	3
719	Flexural Analysis of Epoxy Polymer Composite Reinforced With Sugarcane Fibre/Fly Ash/Carbon-Nanotube. International Journal of Surface Engineering and Interdisciplinary Materials Science, 2021, 9, 87-99.	0.2	0
720	The Properties of Feather Fiber-Reinforced Polymer Composites: A Review. Journal of Natural Fibers, 2022, 19, 4868-4885.	1.7	5
721	Biodegradable composites based on biopolymers and natural bast fibres: A review. Materials Today: Proceedings, 2021, 46, 1420-1428.	0.9	20
722	Multicomponent Polymer Systems Based on Agro-Industrial Waste., 2021,, 467-513.		1
723	The ballistic impact performance on natural fibre composites. AIP Conference Proceedings, 2021, , .	0.3	0
725	Kenaf fibers reinforced unsaturated polyester composites: A review. Journal of Engineered Fibers and Fabrics, 2021, 16, 155892502110401.	0.5	14
726	Natural fiber–reinforced composites for ballistic protection. , 2021, , 229-248.		5
727	Mechanical and machining characterization of Agave Americana, pineapple and its hybrid fiber composites. AIP Conference Proceedings, 2021, , .	0.3	0
728	Effect of Barium Sulfate on Mechanical, DMA, Wear Analysis of Woven Hybrid with Wire Mesh Composite. Lecture Notes in Mechanical Engineering, 2021, , 529-539.	0.3	0
729	Performance of wind turbine blade on E-glass fiber, and nano TiO2AW 106 epoxy composites. Materials Today: Proceedings, 2021, , .	0.9	3
731	Thermoplastic Polymer Selection for Optimal Thermal Efficiency of Composite Syrup Vessel. Materials Science Forum, 0, 1021, 35-44.	0.3	3
732	Physical and Mechanical Performance of Coir Fiber-Reinforced Rendering Mortars. Materials, 2021, 14, 823.	1.3	12
733	A Review on Developments in Manufacturing Process and Mechanical Properties of Natural Fiber Composites. Journal of Engineering Advancements, 2021, 2, 13-23.	0.7	11
734	Stiffening Potential of Lignocellulosic Fibers in Fully Biobased Composites: The Case of Abaca Strands, Spruce TMP Fibers, Recycled Fibers from ONP, and Barley TMP Fibers. Polymers, 2021, 13, 619.	2.0	10
735	Tensile and Flexural Behaviour of Basalt Composites with Silicon Carbide Fillers. Silicon, 2022, 14, 1559-1569.	1.8	4

#	ARTICLE	IF	CITATIONS
737	Synthesis and Thermo-Mechanical Study of Epoxy Resin-Based Composites with Waste Fibers of Hemp as an Eco-Friendly Filler. Polymers, 2021, 13, 503.	2.0	29
738	Plant-Based Protein Hydrolysate Improves Salinity Tolerance in Hemp: Agronomical and Physiological Aspects. Agronomy, 2021, 11, 342.	1.3	42
739	Experimental investigation on behaviour of RC circular and square columns confined with natural fabrics. IOP Conference Series: Materials Science and Engineering, 2021, 1055, 012060.	0.3	0
740	Incorporation of Phase Change Materials into Fibers for Sustainable Thermal Energy Storage. Industrial & Engineering Chemistry Research, 2021, 60, 3374-3384.	1.8	25
741	Composites based on nylon 6/clinoptilolite by ultrasound-assisted extrusion for enhanced flame retardant and mechanical properties. Polymer Bulletin, 2022, 79, 1803-1819.	1.7	9
742	Biocomposites based on the poly(3-hydroxybutyrate-co-3-hydroxyvalerate) matrix with the hemp fibers: thermal and mechanical properties. Journal of Thermal Analysis and Calorimetry, 2022, 147, 1017-1029.	2.0	9
743	Determination of the Composition of Lignocellulosic Biomasses from Combined Analyses of Thermal, Spectroscopic, and Wet Chemical Methods. Industrial & Engineering Chemistry Research, 2021, 60, 3502-3515.	1.8	11
744	Compression and low velocity impact response of wood-based sandwich panels with auxetic lattice core. European Journal of Wood and Wood Products, 2021, 79, 797-810.	1.3	14
745	Optimization of novel bio-composite packaging film based on alkali-treated Hemp fiber/polyethylene/polypropylene using response surface methodology approach. Polymer Bulletin, 2022, 79, 2559-2583.	1.7	14
746	Development and Characterization of Rice Husk and Recycled Polypropylene Composite Filaments for 3D Printing. Polymers, 2021, 13, 1067.	2.0	44
747	Developments in Chemical Treatments, Manufacturing Techniques and Potential Applications of Natural-Fibers-Based Biodegradable Composites. Coatings, 2021, 11, 293.	1.2	76
748	Optimization of Compounding Parameters for Extrusion to Enhance Mechanical Performance of Kenaf-Polypropylene Composites. Fibers and Polymers, 2021, 22, 1378-1387.	1.1	6
750	Machinability study of JFRP composite using design of experiment. IOP Conference Series: Materials Science and Engineering, 2021, 1092, 012014.	0.3	2
751	Fabrication and Properties of Glass Fiber-Reinforced Composites Using Polyimide Prepregs with Inorganic Nanofillers. Fibers and Polymers, 2021, 22, 804-810.	1.1	9
752	Enhancement of impact toughness and damage behaviour of natural fibre reinforced composites and their hybrids through novel improvement techniques: A critical review. Composite Structures, 2021, 259, 113496.	3.1	74
754	Characterization of mechanical properties polypropylene composites film filled with corncob as reinforcement. IOP Conference Series: Earth and Environmental Science, 2021, 711, 012023.	0.2	0
755	Dependence between displacement distortion and heterogeneity of vegetable fiber composites. Mechanics of Advanced Materials and Structures, 2022, 29, 3134-3146.	1.5	2
756	Fabrication and mechanical properties of braided flax fabric polylactic acid bio-composites. Journal of the Textile Institute, 2022, 113, 833-845.	1.0	12

#	ARTICLE	IF	CITATIONS
757	Catalytic production of hexamethylenediamine from renewable feedstocks. Korean Journal of Chemical Engineering, 2021, 38, 1079-1086.	1.2	13
758	The Challenges and Future Perspective of Woven Kenaf Reinforcement in Thermoset Polymer Composites in Malaysia: A Review. Polymers, 2021, 13, 1390.	2.0	25
759	Tensile behavior of lotus natural fiber and e-glass fibers reinforced with epoxy composites. IOP Conference Series: Materials Science and Engineering, 2021, 1123, 012034.	0.3	2
760	Interlaminar mechanical properties of nano- and short-aramid fiber reinforced glass fiber-aluminum laminates: a comparative study. Journal of Materials Science, 2021, 56, 12198-12211.	1.7	8
761	Physical and Mechanical Properties of Natural Leaf Fiber-Reinforced Epoxy Polyester Composites. Polymers, 2021, 13, 1369.	2.0	48
762	Improvement of Performance Profile of Acrylic Based Polyester Bio-Composites by Bast/Basalt Fibers Hybridization for Automotive Applications. Journal of Composites Science, 2021, 5, 100.	1.4	1
763	Polylactic Acid (PLA) Biocomposite: Processing, Additive Manufacturing and Advanced Applications. Polymers, 2021, 13, 1326.	2.0	208
764	Manufacturing and characterization of polypropylene/boric acid composite. Polymer Bulletin, 2021, 78, 4033-4046.	1.7	3
765	An In-depth Study of Optimization of Glass-Epoxy Unidirectional Fiber-Reinforced Laminated Composites Under Mechanical Loading., 2021,,.		0
766	Extraction, Treatment and Applications of Natural Fibers for Bio-Composites – A Critical Review. International Polymer Processing, 2021, 36, 114-130.	0.3	23
767	Development and Characterization of Environmentally Friendly Wood Plastic Composites from Biobased Polyethylene and Short Natural Fibers Processed by Injection Moulding. Polymers, 2021, 13, 1692.	2.0	26
768	Flax fiber–based polymer composites: a review. Advanced Composites and Hybrid Materials, 2022, 5, 1-20.	9.9	71
769	Mechanical, thermal and ballistic performance of epoxy composites reinforced with Cannabis sativa hemp fabric. Journal of Materials Research and Technology, 2021, 12, 221-233.	2.6	45
770	Valorization of Date Palm Waste for Plastic Reinforcement: Macro and Micromechanics of Flexural Strength. Polymers, 2021, 13, 1751.	2.0	10
771	Thermal and Chemical Characterization of Kenaf Fiber (Hibiscus cannabinus) Reinforced Epoxy Matrix Composites. Polymers, 2021, 13, 2016.	2.0	24
772	Understanding the Mechanical Reinforcement of Metal–Organic Framework–Polymer Composites: The Effect of Aspect Ratio. ACS Applied Materials & Samp; Interfaces, 2021, 13, 51894-51905.	4.0	6
773	A Review: Recent Development of Natural Fiber-Reinforced Polymer Nanocomposites. Jom, 2021, 73, 2504-2515.	0.9	21
774	Influence of alkali treatment on physio-mechanical properties of jute–epoxy composite. Advances in Materials and Processing Technologies, 2022, 8, 380-391.	0.8	11

#	Article	IF	CITATIONS
775	Characterization of the dynamic mechanical properties of sisal fiber reinforced PET composites; Effect of fiber loading and fiber surface modification. Polymers and Polymer Composites, 2021, 29, S719-S728.	1.0	8
776	Design of Tooling System and Identifying Crucial Processing Parameters for NFPC Manufacturing in Automotive Applications. Journal of Composites Science, 2021, 5, 169.	1.4	3
777	Buckling analysis of natural fiber reinforced composites. Challenge Journal of Structural Mechanics, 2021, 7, 58.	0.2	0
778	Rice straw and energy reed fibers reinforced phenol formaldehyde resin polymeric biocomposites. Cellulose, 2021, 28, 7859-7875.	2.4	30
779	Experimental Investigation of Water Absorptions and Charpy Test of Epoxy Composite Immersed in Different Aqueous Medium. Lecture Notes in Mechanical Engineering, 2022, , 79-92.	0.3	3
780	Are Natural-Based Composites Sustainable?. Polymers, 2021, 13, 2326.	2.0	21
781	Effect of different surface treatments on polypropylene composites reinforced with yerba mate fibers: Physical, mechanical, chemical, and morphological properties. Journal of Applied Polymer Science, 2021, 138, 51350.	1.3	3
782	Milkweed floss-reinforced thermoplastics: interfacial adhesion and related mechanical properties. Composite Interfaces, 0, , 1-21.	1.3	1
783	Preparation and Characterization of Sansevieria trifasciata Fiber/High-Impact Polypropylene and Sansevieria trifasciata Fiber/Vinyl Ester Biocomposites for Automotive Applications. International Journal of Technology, 2021, 12, 549.	0.4	3
784	Tribological Studies of Bamboo Fibre Reinforced Epoxy Composites Using a BOD Technique. Polymers, 2021, 13, 2444.	2.0	10
785	A finite-element-based approach to quantify the impact of bed joint reinforcement on the compressive strength of vertically perforated clay block masonry. Engineering Structures, 2021, 239, 112277.	2.6	6
786	Characterization of interfacial properties between fibre and polymer matrix in composite materials – A critical review. Journal of Materials Research and Technology, 2021, 13, 1441-1484.	2.6	<b>7</b> 3
787	Plasma-assisted fabrication of hydrophobic siloxane based sol–gel-coated coir fibres. Surface Innovations, 2022, 10, 128-139.	1.4	3
788	Advances in development of green composites based on natural fibers: a review. Emergent Materials, 2022, 5, 811-831.	3.2	20
789	Eco-Friendly and Biodegradable Green Composites. , 0, , .		5
790	Exploring the Potential of Cotton Industry Byproducts in the Plastic Composite Sector: Macro and Micromechanics Study of the Flexural Modulus. Materials, 2021, 14, 4787.	1.3	4
791	Reinforced Composite Polymer in Automotive Industry: A Review. International Journal of Advanced Research in Science, Communication and Technology, 0, , 521-526.	0.0	3
792	Graphene Oxide Surface Treatment on Piassava Fiber Attalea funifera to Improve Adhesion in Epoxy Matrix. Journal of Natural Fibers, 2022, 19, 8568-8581.	1.7	3

#	ARTICLE	IF	CITATIONS
793	Effects of Alkali Treatment on the Mechanical Properties and Moisture Absorption Behavior of Flax/polypropylene Composites. Journal of Natural Fibers, 2022, 19, 9201-9222.	1.7	2
794	Review: Textile-based natural fibre-reinforced polymeric composites in automotive lightweighting. Journal of Materials Science, 2021, 56, 18867-18910.	1.7	34
795	Manufacturing of bioâ€based thermoplastic composites using industrial process for highâ€volume applications. Polymer Composites, 2021, 42, 6146.	2.3	2
796	Experimental investigations on mechanical properties of cotton/hemp fiber reinforced epoxy resin hybrid composites. Journal of Physics: Conference Series, 2021, 2027, 012015.	0.3	5
797	Influence of cyclic loads on the fiber-matrix-interaction of cellulose and glass fibers in polypropylene. Composites Part A: Applied Science and Manufacturing, 2021, 149, 106491.	3.8	2
798	Cellulosic Grewia Optiva fibres: Towards chemistry, surface engineering and sustainable materials. Journal of Environmental Chemical Engineering, 2021, 9, 106059.	3.3	32
799	Comparative study of high-density polyethylene-based biocomposites reinforced with various agricultural residue fibers. Industrial Crops and Products, 2021, 172, 114053.	2.5	19
800	Large-scale additive manufacturing of self-heating molds. Additive Manufacturing, 2021, 47, 102282.	1.7	3
801	Preparation/processing of polymer-graphene composites by different techniques. , 2022, , 45-74.		5
802	On the improvement of tribological performance using treated betelnut fiber reinforced polyester (T-BFRP) and Teflon composite for automotive applications. , 2021, , 107-146.		0
803	Tribological characterization of cellulose fiber-reinforced polymer composites., 2021,, 95-113.		5
804	Green Composites from Renewable Sources. Materials Horizons, 2021, , 251-272.	0.3	0
805	Future outlooks and challenges of sustainable lightweight composites., 2021,, 285-290.		0
806	Sustainable Hemp Products. Sustainable Textiles, 2021, , 95-107.	0.4	2
807	Spectral and thermal analysis of aromatic diamines and anhydrides cured chalcone moiety containing epoxy resin of ( $2E,6E$ )-bis( $4$ -hydroxybenzylidene)cyclohexanone. Journal of Thermal Analysis and Calorimetry, $0, 1$ .	2.0	1
808	Enhancement of Static and Fatigue Strength of Short Sisal Fiber Biocomposites by Low Fraction Nanotubes. Applied Composite Materials, 2021, 28, 91-112.	1.3	6
809	Polymer Nanocomposites for Advanced Automobile Applications. , 2021, , 1353-1387.		0
810	A review on the factors influencing natural fiber composite materials., 2021,, 185-205.		3

#	Article	IF	Citations
811	Bio-composites: Eco-friendly Substitute of Glass Fiber Composites. , 2021, , 151-175.		1
812	Impact of E-waste on the mechanical and machining characteristics of epoxy-based hemp fibre composite. Materials Today: Proceedings, 2021, 46, 7143-7152.	0.9	1
813	Natural Fiber Composite Qualification in the Automotive Industry. SpringerBriefs in Materials, 2021, , 53-65.	0.1	3
814	Tribological Behaviour of Natural Fibre Based Polymer Composites. Composites Science and Technology, 2021, , 55-69.	0.4	4
815	Synthesis and Application of Arylaminophosphazene as a Flame Retardant and Catalyst for the Polymerization of Benzoxazines. Polymers, 2021, 13, 263.	2.0	8
816	Bio-composites: Eco-friendly Substitute of Glass Fiber Composites. , 2020, , 1-25.		16
817	Influence of Fillers on the Thermal and Mechanical Properties of Biocomposites: An Overview. , 2020, , $111-133$ .		26
818	Natural Resources Based Green Composite Materials. , 2020, , 169-199.		3
819	Production of Natural Fiber Obtained from the Leaves of Pineapple Plants (Ananas comosus) Cultivated in Costa Rica., 2014, , 111-124.		3
820	Life Cycle Assessment of Natural Fiber Polymer Composites. , 2015, , 121-141.		21
821	Conceptual Design of Biocomposites for Automotive Components. Green Energy and Technology, 2017, , 101-126.	0.4	6
822	Cellulose-Enabled Polylactic Acid (PLA) Nanocomposites: Recent Developments and Emerging Trends. Springer Series on Polymer and Composite Materials, 2018, , 183-216.	0.5	10
823	Materials Selection. SpringerBriefs in Materials, 2018, , 27-44.	0.1	3
824	Mechanical and Erosion Characteristics of Natural Fiber Reinforced Polymer Composite: Effect of Filler Size. Energy, Environment, and Sustainability, 2019, , 101-116.	0.6	4
825	Pineapple Leaf Fibres for Automotive Applications. Green Energy and Technology, 2020, , 279-296.	0.4	5
826	Application of Graphene-Based Biopolymer Nanocomposites for Automotive and Electronic Based Components. Composites Science and Technology, 2021, , 311-323.	0.4	7
827	Plastics in Automotive Applications. , 2022, , 103-113.		8
828	Steam-exploded fibers of almond tree leaves as reinforcement of novel recycled polypropylene composites. Journal of Materials Research and Technology, 2020, 9, 11791-11800.	2.6	25

#	Article	IF	CITATIONS
830	Acoustic Emission Characterization of Natural Fiber Reinforced Plastic Composite Machining Using a Random Forest Machine Learning Model. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2020, 142, .	1.3	31
831	On the dynamics of axially functionally graded CNT strengthened deformable beams. European Physical Journal Plus, 2020, 135, 1.	1.2	21
832	Material Selection of Thermoplastic Matrix for Hybrid Natural Fiber/Glass Fiber Polymer Composites Using Analytic Hierarchy Process Method., 2013,,.		4
833	Kenaf Bast Fiber Bundle–Reinforced Unsaturated Polyester Composites. IV: Effects of Fiber Loadings and Aspect Ratios on Composite Tensile Properties. Forest Products Journal, 2010, 60, 582-591.	0.2	10
834	Developments in Flame-Retardant Bio-composite Material Production. Advances in Civil Engineering Materials, 2019, 8, 20180025.	0.2	4
835	Mechanical properties of bamboo reinforced epoxy sandwich structure composites. International Journal of Automotive and Mechanical Engineering, 2015, 12, 2882-2892.	0.5	36
836	Evaluation of Dynamic Mechanical Properties of Fique Fabric/Epoxy Composites. Materials Research, 2019, 22, .	0.6	9
837	Experiencies in obtaining polymeric composites reinforced with natural fiber from Ecuador. Ingenius: Revista De Ciencia Y TecnologÃa, 2013, , .	0.1	4
838	Kenaf Fiber Composite in Automotive Industry: An Overview. International Journal on Advanced Science, Engineering and Information Technology, 2017, 7, 315.	0.2	47
839	Biocomposites based on poly(lactic acid) and kenaf fibers: Effect of micro-fibrillated cellulose. Macedonian Journal of Chemistry and Chemical Engineering, 2013, 32, 331.	0.2	13
841	Bio-composite materials: a short review of recent trends, mechanical and chemical properties, and applications. European Mechanical Science, 2018, 2, 83-91.	0.4	49
842	UTILIZATION OF RECYCLED POLYPROPYLENE, CELLULOSE AND NEWSPRINT FIBRES FOR PRODUCTION OF GREEN COMPOSITES. Detritus, 2019, Volume 07 - September 2019, 1.	0.4	3
843	Innovative characterization and mechanical properties of natural cellulosic Coccinia Indica fiber and its composites. Materialpruefung/Materials Testing, 2020, 62, 61-67.	0.8	20
844	Low Density Polypropylene/Waste Cellulose Fiber Composites by High-Shear Thermo-Kinetic Mixer. International Polymer Processing, 2017, 32, 562-567.	0.3	3
845	Could Alfa Fibers Substitute Glass Fibers in Composite Materials?. International Polymer Processing, 2019, 34, 133-142.	0.3	2
846	Tucum Fiber from Amazon Astrocaryum vulgare Palm Tree: Novel Reinforcement for Polymer Composites. Polymers, 2020, 12, 2259.	2.0	27
847	Effect of Cyclotriphosphazene-Based Curing Agents on the Flame Resistance of Epoxy Resins. Polymers, 2021, 13, 8.	2.0	10
848	Agricultural Waste Fibers Towards Sustainability and Advanced Utilization: A Review. Asian Journal of Plant Sciences, 2015, 15, 42-55.	0.2	101

#	Article	IF	Citations
849	Review on Quality Enhancement of Bamboo Utilization: Preservation, Modification and Applications. Asian Journal of Plant Sciences, 2017, 17, 1-18.	0.2	10
850	Recent Developments of Epoxy Nanocomposites Used for Aerospace and Automotive Application. Advances in Mechatronics and Mechanical Engineering, 2020, , 162-190.	1.0	3
851	Effect of TiO <sub>2</sub> Filler Loading on Physico-Mechanical Properties and Abrasion of Jute Fabric Reinforced Epoxy Composites. Materials Sciences and Applications, 2016, 07, 510-526.	0.3	4
852	Effects of the Fiber Diameter on Mechanic Properties in Polymethyl-Methacrylate Composites Reinforced with Goose Feather Fiber. Materials Sciences and Applications, 2017, 08, 811-827.	0.3	1
853	Efficient callus induction and a temperature condition for flowering and seed setting in kenaf <i>Hibiscus cannabinus</i> . Plant Biotechnology, 2020, 37, 9-14.	0.5	6
854	Mechanical Properties of Rice Husks Fiber Reinforced Polyester Composites. International Journal of Materials Mechanics and Manufacturing, 2014, 2, 165-168.	0.2	11
855	Optimization of Compression Molding Process Parameters for NFPC Manufacturing Using Taguchi Design of Experiment and Moldflow Analysis. Processes, 2021, 9, 1853.	1.3	7
856	Flammability and mechanical behavior of cotton fiber polymeric composite laminate with polyurethane and alumina trihydrate. Journal of Composite Materials, 2022, 56, 645-662.	1.2	1
857	An Overview of Alkali Treatments of Hemp Fibres and Their Effects on the Performance of Polymer Matrix Composites. , 0, , .		1
858	A comparative review of Nettle and Ramie fiber and their use in biocomposites, particularly with a PLA matrix. Journal of Natural Fibers, 2022, 19, 8205-8229.	1.7	19
859	Exploring the deformation potential of composite materials processed by incremental sheet forming: a review. International Journal of Advanced Manufacturing Technology, 2022, 118, 2099-2137.	1.5	9
860	Mechanical characterization and water absorption behaviors of pineapple leaf/glass fiberâ€reinforced polypropylene hybrid composites. Polymer Composites, 2022, 43, 203-214.	2.3	18
861	Experimental and Microstructural Evaluation on Mechanical Properties of Abaca/Epoxy Reinforced Composites. , 0, , .		3
862	Micromechanical Simulations on Waving and Kinked Natural Fiber-Reinforced Plastic Composites. , 2008, , .		0
863	Eco-Friendly Wood Polymer Composites for Sustainable Design Applications. , 2013, , 399-408.		1
866	Determinación del porcentaje de humedad, solubles e insolubles en agua de la fibra de Carludovica Palmata (paja toquilla). Ingenius: Revista De Ciencia Y TecnologÃa, 2013, , .	0.1	1
867	Effect of PVA Treatment on Specific Flexural Strength and Modulus of Stampable Sheet Fabricated with Bamboo Fibers. Zairyo/Journal of the Society of Materials Science, Japan, 2014, 63, 394-399.	0.1	1
868	Processing and Flexural Properties of Chopped Jute Fiber Reinforced PLA Sandwich Composites. Composites Research, 2014, 27, 96-102.	0.1	5

#	Article	IF	CITATIONS
869	Chapter 4. Natural Fibre-reinforced Thermoplastic Starch Composites. RSC Green Chemistry, 2015, , 109-142.	0.0	0
870	Photoacoustic Thermal Characterization of Malva Fibers. , 2015, , 259-264.		0
871	Effects of Manufacturing Technology on the Mechanical Properties of Alfa Fiber Non-woven Reinforced PMMA Composites. Composites Research, 2015, 28, 112-117.	0.1	1
872	Biocomposites: Natural and Synthetic Fibers. , 0, , 585-601.		0
874	Analysis of Coir Fiber Porosity. Minerals, Metals and Materials Series, 2017, , 325-330.	0.3	1
875	Polymer Hybrid Nanocomposite Fibres. , 2019, , 1-20.		0
876	Polymer Nanocomposites for Advanced Automobile Applications. Advances in Chemical and Materials Engineering Book Series, 2019, , 96-130.	0.2	0
878	Current Research and Patents of Plant Fiber Composites. Recent Patents on Mechanical Engineering, 2019, 12, 37-44.	0.2	0
879	DESEMPENHO DO COMPÓSITO DE MATRIZ POLIÉSTER REFORÇADO COM FIBRA DE FIQUE EM UM SISTEMA BLINDAGEM MULTICAMADA. , 0, , .	N DE	0
881	RESISTÊNCIA A TRAÇÃ $f$ O DE COMPÓSITOS DE MATRIZ EPÓXI REFORÇADOS COM FIBRAS NATURAIS DE CURAUÕDE ALTO DESEMPENHO. , 0, , .		0
882	Characterization of Natural Fibres and Their Polymer-based Composites. Journal of Research Updates in Polymer Science, 0, , 35-51.	0.3	0
883	Textile Fibers for Automobiles. Topics in Mining, Metallurgy and Materials Engineering, 2020, , 117-127.	1.4	0
884	Fundamentals of Organic-Glass Adhesion. , 2020, , 2049-2089.		1
885	Design and Fabrication of Car Door Panel Using Natural Fiber-Reinforced Polymer Composites. Lecture Notes in Mechanical Engineering, 2021, , 331-343.	0.3	3
886	Impact and Flexural Testing of Jute and Flax Fiber Reinforced Composites Fabricated by VARTM Process. Lecture Notes in Mechanical Engineering, 2021, , 411-420.	0.3	0
887	Natural Fiber Composite for Structural Applications. , 2021, , 23-35.		4
888	Recycling of natural fiber composites: Challenges and opportunities. Resources, Conservation and Recycling, 2022, 177, 105962.	<b>5.</b> 3	62
890	Effect of Fiber Content and Silane Treatment on the Mechanical Properties of Recycled Acrylonitrile-Butadiene-Styrene Fiber Composites. Chemistry, 2021, 3, 1258-1270.	0.9	8

#	Article	IF	CITATIONS
891	Matrix and Filler Recycling of Carbon and Glass Fiber-Reinforced Polymer Composites: A Review. Polymers, 2021, 13, 3817.	2.0	23
892	Comprehensive Review on Silicon-enhanced Green Nanocomposites Towards Sustainable Development. Silicon, $0, 1.$	1.8	1
893	Composite Materials Types and Applications. Advances in Chemical and Materials Engineering Book Series, $0, 1-29$ .	0.2	0
894	A Review on the Mechanical Properties of Natural Fiber-Reinforced Composites. Advances in Intelligent Systems and Computing, 2021, , 261-267.	0.5	0
895	The Influence of Chosen Plant Fillers in PHBV Composites on the Processing Conditions, Mechanical Properties and Quality of Molded Pieces. Polymers, 2021, 13, 3934.	2.0	12
896	DNA Conformation Dictates Strength and Flocculation in DNA–Microtubule Composites. ACS Macro Letters, 2021, 10, 1540-1548.	2.3	8
897	Recent developments of lignocellulosic natural fiber reinforced hybrid thermosetting composites for high-end structural applications: a review. Journal of Polymer Research, 2021, 28, 1.	1.2	7
898	Enhancement of impact toughness using graphene oxide in epoxy composite reinforced with ramie fabric. Composite Structures, 2022, 282, 115023.	3.1	9
899	Application of plant fibers in environmental friendly composites for developed properties: A review. Cleaner Materials, 2021, 2, 100032.	1.9	10
900	Functionalization of Carbon Macromolecules at Biomechanical Interface. SSRN Electronic Journal, 0,	0.4	0
901	Mechanical and Thermal Analysis of Cissus Quadrangularis Stem Fiber/Epoxy Composite with Micro-Red Mud Filler Composite for Structural Application. Transactions of the Indian Institute of Metals, 2022, 75, 737-747.	0.7	34
902	Covalently integrated silica nanoparticles in poly(ethylene glycol)-based acrylate resins: thermomechanical, swelling, and morphological behavior. Soft Matter, 2022, , .	1.2	4
903	A new composite made from Luffa Cylindrica and ethylene vinyl acetate (EVA): Mechanical and structural characterization for its use as Mouthguard (MG). Journal of the Mechanical Behavior of Biomedical Materials, 2022, 126, 105064.	1.5	7
904	Sustainable biobased composites for advanced applications: recent trends and future opportunities – A critical review. Composites Part C: Open Access, 2022, 7, 100220.	1.5	81
905	The strength and stiffness of oriented wood and cellulose-fibre materials: A review. Progress in Materials Science, 2022, 125, 100916.	16.0	61
906	Production and Characterization of Palm Oil Based Epoxy Biocomposite by RSM Design. Hittite Journal of Science & Engineering, 2021, 8, 287-297.	0.2	16
907	Optimum formulation design of natural fiber-reinforced composites (NFRC) for automotive applications. Journal of Composite Materials, 2022, 56, 1407-1415.	1.2	2
908	Effect of alkali treatment on tensile strength of epoxy composite reinforced with coir fiber. Polymer Bulletin, 2023, 80, 541-553.	1.7	7

#	Article	IF	CITATIONS
909	Properties of bio-based fibers. , 2022, , 33-64.		2
910	A Review on the Effect of Various Chemical Treatments on the Mechanical Properties of Renewable Fiber-Reinforced Composites. Advances in Materials Science and Engineering, 2022, 2022, 1-24.	1.0	21
911	General practice to enhance bast fiber composite properties for state of art applications – A Review. Engineering Research Express, 2022, 4, 012002.	0.8	18
913	3D printed cellulose based product applications. Materials Chemistry Frontiers, 2022, 6, 254-279.	3.2	25
914	Green composites from natural fibers and biopolymers: A review on processing, properties, and applications. Journal of Reinforced Plastics and Composites, 2022, 41, 526-557.	1.6	33
915	Manufacturing and utilization of novel sustainable composites using pulled wool fibers waste from leather tanneries: Mechanical, physical, and dynamic characterization. Journal of Industrial Textiles, 2022, 51, 5708S-5727S.	1.1	1
916	Identification of the elastic and damping properties of jute and luffa fiber-reinforced biocomposites., 2022,, 447-473.		0
917	Gýrültü Bariyeri için Çevre Dostu Alternatif: Doğal Elyaf Takviyeli Kompozit Malzemeler. European Journal of Science and Technology, 0, , .	0.5	0
918	A New Green Composite Based on Plasticized Polylactic Acid Mixed with Date Palm Waste for Single-Use Plastics Applications. Polymers, 2022, 14, 574.	2.0	15
919	Acoustic and mechanical properties of biofibers and their composites. , 2022, , 407-446.		1
920	Dielectric properties of biofiber-based polymer composites. , 2022, , 159-191.		0
923	Education and awareness of waste and recycled plastic biocomposites., 2022,, 281-297.		0
924	Physico Chemical and Mechanical Properties of Natural Cellulosic Water Hyacinth Fiber and Its Composites. Journal of Natural Fibers, 2022, 19, 11413-11423.	1.7	3
925	Effect of machining processes on the damage response and surface quality of open hole hybrid carbon/flax composites: An experimental study. Composite Structures, 2022, 285, 115244.	3.1	8
926	Development, characterization, and parametric analysis of dry sliding wear behavior of epoxy-short betel nut fiber composite using response surface method and neural computation. Polymers and Polymer Composites, 2022, 30, 096739112110667.	1.0	3
928	Interpretation of Cole–Cole dielectric dispersion of green composites from medical LINAC modified luffa fiber/PLA. Journal of Materials Science: Materials in Electronics, 2022, 33, 6911-6925.	1.1	6
929	Cannabis/Hemp: Sustainable Uses, Opportunities, and Current Limitations., 2022,, 59-87.		5
930	Composite materials reinforced with fique fibers – a review. Revista UIS IngenierÃas, 2022, 21, .	0.1	2

#	Article	IF	CITATIONS
931	Introduction: Background and Literature Review. Advanced Ceramics and Composites, 2022, , 1-42.	0.6	0
932	A Review on the Sustainability Prospects of Bio Fibre Reinforced Composite Materials. Composites Science and Technology, 2022, , 361-374.	0.4	2
934	Reinforced Composites from Natural Fiber: A Review. Lecture Notes in Mechanical Engineering, 2022, , 847-857.	0.3	1
935	Recent Developments of Thermosetting Polymers for Advanced Composites. , 2022, , 1047-1056.		1
936	Dynamic Mechanical Analysis of Epoxy/Natural Fiber Composites. , 2022, , 1-28.		0
937	Tribological behaviour of silk fibre reinforced HDPE nano composite. Tribology - Materials, Surfaces and Interfaces, 2022, 16, 226-234.	0.6	0
938	Sisal fiber-reinforced polymer composite-based small horizontal axis wind turbine suited for urban applications—a numerical study. Emergent Materials, 2022, 5, 565-578.	3.2	22
939	Review of literature on eco-friendly sandwich structures made of non-wood cellulose fibers. Journal of Sandwich Structures and Materials, 2022, 24, 1653-1705.	2.0	11
940	Biocomposites based on natural fibers and polymers: A review on properties and potential applications. Journal of Reinforced Plastics and Composites, 2022, 41, 705-742.	1.6	26
941	Study on Machining Parameters and Mechanical Properties of Hybrid Agave Sisalana and Glass Fiber-reinforced Polyester Composites (A/GFRP). Journal of Natural Fibers, 2022, 19, 11644-11657.	1.7	7
942	Mechanical performance evaluation of bamboo fibre reinforced polymer composites and its applications: a review. Functional Composites and Structures, 2022, 4, 015009.	1.6	22
943	Poly(ethyl methacrylate) Composite Coatings Containing Halogen-Free Inorganic Additives with Flame-Retardant Properties. Journal of Composites Science, 2022, 6, 104.	1.4	1
944	Characterization of long bamboo Guadua Angustifolia fibre composite extracted via rotary–peeling method. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2022, 44, 1.	0.8	0
945	Physio-mechanical and thermal characterization of jute/rubber crumb hybrid composites and selection of optimal configuration using the MADM approach. Proceedings of the Institution of Mechanical Engineering Science, 2022, 236, 7942-7952.	1.1	11
946	Making the lignocellulosic fibers chemically compatible for composite: A comprehensive review. Cleaner Materials, 2022, 4, 100078.	1.9	23
947	Waste-Derived Cellulosic Fibers and Their Applications. Advances in Materials Science and Engineering, 2022, 2022, 1-13.	1.0	11
948	Injection molded discontinuous and continuous rattan fiber reinforced polypropylene composite: Development, experimental and analytical investigations. Results in Materials, 2022, 13, 100261.	0.9	5
949	Examination of Fiber Reinforced Composite Materials. Gazi University Journal of Science, 2023, 36, 301-320.	0.6	3

#	Article	IF	CITATIONS
950	Processing, Characterization of Furcraea foetida (FF) Fiber and Investigation of Physical/Mechanical Properties of FF/Epoxy Composite. Polymers, 2022, 14, 1476.	2.0	11
951	Valorizing "non-vegan―bio-fillers: Synergists for phosphorus flame retardants in epoxy resins. Polymer Degradation and Stability, 2022, 198, 109875.	2.7	24
952	Improvement of thermal and abrasion resistance performance of polyphenylene sulfide composite through 3-mercaptopropyl trimethoxysilane treatment of carbon fiber and graphene oxide fillers. Polymer Testing, 2022, 108, 107517.	2.3	15
953	Adhesive wear behaviour of surface modified bamboo filler reinforced polymer composite under different contact condition. Journal of Natural Fibers, 2022, 19, 12208-12223.	1.7	4
954	Toughened Bio-Polyamide 11 for Impact-Resistant Intraply Basalt/Flax Hybrid Composites. Macromol, 2022, 2, 154-167.	2.4	3
955	Biocomposites: A review of materials and perception. Materials Today Communications, 2022, 31, 103308.	0.9	16
956	A new variant of liquid composite molding process based on multi-drop resin filling. Materials Today Communications, 2022, 31, 103363.	0.9	0
957	Cellulosic fibres-based epoxy composites: From bioresources to a circular economy. Industrial Crops and Products, 2022, 182, 114895.	2.5	41
958	MANGO (Mangifera indica L.) LEAVES WASTE/POLYVINYL ACETATE BIOCOMPOSITE FOR BUILDING MATERIALS APPLICATION. , 2020, 49, 49-53.		1
959	Free Vibration of Flax Braided Fabric PLA Beam under Edge Compression. Journal of Natural Fibers, 0, , 1-14.	1.7	0
960	Ubim Fiber (Geonoma baculÃfera): A Less Known Brazilian Amazon Natural Fiber for Engineering Applications. Sustainability, 2022, 14, 421.	1.6	9
963	Role of Composite Materials in Automotive Sector: Potential Applications. Energy, Environment, and Sustainability, 2022, , 193-217.	0.6	5
964	Analysis of the Parameters Affecting the Stiffness of Short Sisal Fiber Biocomposites Manufactured by Compression-Molding. Polymers, 2022, 14, 154.	2.0	8
965	Development and characterization of hybrid composites from sustainable green materials. Green Materials, 2021, 9, 182-191.	1.1	12
966	Machining parametric study on the natural fiber reinforced composites: A review. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2022, 236, 6232-6249.	1.1	18
967	Natural fiber-reinforced nanocomposites in automotive industry. , 2022, , 85-103.		3
968	Mechanical, morphological and thermal analysis of unidirectional fabricated sisal/flax hybrid natural fiber composites. Surface Topography: Metrology and Properties, 2022, 10, 015028.	0.9	7
969	High Glass Transition Materials from Sustainable Epoxy Resins with Potential Applications in the Aerospace and Space Sectors. ACS Applied Polymer Materials, 2022, 4, 3636-3646.	2.0	16

#	Article	IF	CITATIONS
970	Kinetic analysis of the thermal degradation of an intumescent fire retardant coated green biocomposite. Thermochimica Acta, 2022, 711, 179211.	1.2	10
971	Mechanical, acoustic and vibration performance of intraâ€ply <scp>Kevlar</scp> / <scp>PALF</scp> epoxy hybrid composites: Effects of different weaving patterns. Polymer Composites, 2022, 43, 3902-3914.	2.3	14
972	Structural, thermal, mechanical and physical properties of Washingtonia filifera fibres reinforced thermoplastic biocomposites. Materials Today Communications, 2022, 31, 103574.	0.9	18
973	Recycled thermoplastic polyurethane as a coupling agent in automotive polypropylene compounds with coconut fibers. Journal of Thermoplastic Composite Materials, 2023, 36, 2674-2697.	2.6	5
975	Introduction to plant fibers and their composites. , 2022, , 1-24.		0
976	Comparative Study of Epoxy Composites Reinforced with Kenaf Fiber and Different Types of Microparticles. Key Engineering Materials, 0, 918, 73-81.	0.4	3
977	Importance of WCFC particle on the mechanical and tribological performance of flax/hemp epoxy composite. Particulate Science and Technology, 2023, 41, 209-221.	1.1	5
978	A Review on the Effect of Fabric Reinforcement on Strength Enhancement of Natural Fiber Composites. Materials, 2022, 15, 3025.	1.3	11
979	Advancement in hemp fibre polymer composites: a comprehensive review. Journal of Polymer Engineering, 2022, 42, 575-598.	0.6	15
980	Characterization of Mechanical and Damping Properties of Carbon/Jute Fibre Hybrid SMC Composites. Applied Composite Materials, 0, , 1.	1.3	0
981	Characterization Studies on Novel Cellulosic Fiber Obtained from the Bark of <i>Madhuca Longifolia</i> Tree. Journal of Natural Fibers, 2022, 19, 14880-14897.	1.7	2
982	Green Polymer Nanocomposites in Automotive and Packaging Industries. Current Pharmaceutical Biotechnology, 2023, 24, 145-163.	0.9	11
983	Influence of water ageing on the mechanical properties of flax/PLA non-woven composites. Polymer Degradation and Stability, 2022, 200, 109957.	2.7	12
984	Wood fibers, their composites and applications. , 2022, , 391-436.		0
985	The Mechanical Response of Epoxy–Sisal Composites Considering Fiber Anisotropy: A Computational and Experimental Study. Fibers, 2022, 10, 43.	1.8	3
986	Recycled (Bio)Plastics and (Bio)Plastic Composites: A Trade Opportunity in a Green Future. Polymers, 2022, 14, 2038.	2.0	14
987	Biopolymers in Automotive Industry. Springer Series on Polymer and Composite Materials, 2022, , 271-288.	0.5	2
988	Evaluation of the Rheological and Mechanical Properties of Mixed Plastic Waste-Based Composites. Waste and Biomass Valorization, 2022, 13, 4625-4637.	1.8	3

#	Article	IF	CITATIONS
989	Influence of fibers on the mechanical properties of cementitious composites - a review. Materials Today: Proceedings, 2022, 65, 1846-1850.	0.9	2
990	A Review on Modeling Cure Kinetics and Mechanisms of Photopolymerization. Polymers, 2022, 14, 2074.	2.0	33
991	Polymer nanocomposites for automotive applications. , 2022, , 267-317.		3
993	Printed wireless battery-free humidity sensor for integration into lightweight construction parts. , 2022, , .		4
994	Polymer-based bio-composites and their applications. , 2022, , 109-121.		0
996	Polymer-based green composites and their applications. , 2022, , 123-145.		0
997	Influence of Stress Level and Fibre Volume Fraction on Fatigue Performance of Glass Fibre-Reinforced Polyester Composites. Polymers, 2022, 14, 2662.	2.0	54
998	Recent developments in lignin modification and its application in ligninâ€based green composites: A review. Polymer Composites, 2022, 43, 4848-4865.	2.3	50
999	Developing a supervised machineâ€learning model capable of distinguishing fiber orientation of polymer composite samples nondestructively tested using active ultrasonics. Journal of Advanced Manufacturing and Processing, 2023, 5, .	1.4	2
1000	Fluorination of flax fibers for improving the interfacial compatibility of eco-composites. Sustainable Materials and Technologies, 2022, 33, e00467.	1.7	3
1001	A phosphorus/silicon-based, hyperbranched polymer for high-performance, fire-safe, transparent epoxy resins. Polymer Degradation and Stability, 2022, 203, 110065.	2.7	32
1002	Experimental investigation on mechanical properties and free vibration characteristics of epoxyâ€based glass/flax laminates. Polymer Composites, 0, , .	2.3	2
1003	A state-of-the-art review on potential applications of natural fiber-reinforced polymer composite filled with inorganic nanoparticle. Composites Part C: Open Access, 2022, 9, 100298.	1.5	38
1004	Dynamic Mechanical Analysis of Epoxy/Natural Fiber Composites. , 2022, , 611-638.		0
1005	Post curing temperature effect on mechanical characterization of jute/basalt fiber reinforced hybrid composites. International Advanced Researches and Engineering Journal, 2022, 6, 90-99.	0.4	0
1006	Towards widespread properties of cellulosic fibers composites: A comprehensive review. Journal of Reinforced Plastics and Composites, 2023, 42, 222-263.	1.6	23
1007	Development of <scp>ecoâ€friendly bioâ€composite</scp> by reinforcing pineapple fruit waste crown fiber to <scp>ethyleneâ€propylene</scp> rubber modified polyethylene. Polymer Composites, 2022, 43, 8259-8273.	2.3	3
1008	Design and Analysis of Multi-Layered Composite Panels for In-Plane Loadings. Materials Science Forum, 0, 1068, 37-46.	0.3	0

#	Article	IF	CITATIONS
1009	Effective utilization of natural fibres (coir and jute) for sustainable low-volume rural road construction – A critical review. Construction and Building Materials, 2022, 347, 128606.	3.2	10
1010	Advanced lightweight materials for Automobiles: A review. Materials and Design, 2022, 221, 110994.	3.3	175
1011	Sustainable Fiberâ€Reinforced Composites: A Review. Advanced Sustainable Systems, 2022, 6, .	2.7	61
1012	Linking agronomical practices for Cannabis sativa L. production and its potential usages: fiber, seeds, essential oils and cannabinoids production., 2023,, 49-75.		0
1013	Introduction to Bast Fibers. Springer Series on Polymer and Composite Materials, 2022, , 1-15.	0.5	0
1014	Manufacturing Aspects of Bast Fiber-Based Composites. Springer Series on Polymer and Composite Materials, 2022, , 123-146.	0.5	0
1015	Tribological and Viscoelastic Behaviour of Jute, Prosopis Juliflora Bark and Kenaf Fibers Reinforced Polyester Hybrid Composites for Engineering Applications. SSRN Electronic Journal, 0, , .	0.4	7
1016	Advances in alginate-based flame-retardant polymeric materials. , 2022, , 299-327.		0
1017	Water Sorption and Solvent Sorption of Epoxy/Natural Fiber Composites., 2022,, 767-787.		0
1018	Damage Sensing in Natural Fiber/Epoxy Composites. , 2022, , 789-805.		0
1019	Progress in flame-retardant sustainable fiber/polymer composites. , 2022, , 419-449.		3
1020	Wood-Based Prepreg For Composite Laminates. Wood and Fiber Science, 2022, 54, 122-133.	0.2	1
1021	Printed wireless battery-free sensor tag for structural health monitoring of natural fiber composites. , 2022, , .		2
1022	Damage mechanisms and constitutive models for natural fiberâ€based green composites: A review. Materialwissenschaft Und Werkstofftechnik, 2022, 53, 1072-1105.	0.5	0
1023	Utilisation of Paunch Waste as a Natural Fibre in Biocomposites. Polymers, 2022, 14, 3704.	2.0	5
1024	Physical and mechanical characteristics of composite woods fiber-based polyester binders. Journal of Wood Chemistry and Technology, 2022, 42, 371-380.	0.9	3
1025	Influence of Fiber Volume in Hybrid Short Glass/Cellulose Reinforced Thermoplastic Compounds. Polymers, 2022, 14, 3929.	2.0	2
1026	Biobased Polymer Composites: A Review. Journal of Composites Science, 2022, 6, 255.	1.4	31

#	Article	IF	CITATIONS
1027	Flexure and interlaminar shear properties of ramie/silk fibre epoxy hybrid composite. Materials Today: Proceedings, 2022, 68, 2536-2540.	0.9	0
1028	Delamination in drilling of jute/cork-reinforced polymer biosandwich materials: optimization by response surface methodology and genetic algorithm. International Journal of Advanced Manufacturing Technology, 2022, 122, 2095-2111.	1.5	6
1029	Experimental Characterization of CNSL-Epoxy Resin Reinforce Natural Fiber. Lecture Notes in Mechanical Engineering, 2023, , 67-76.	0.3	0
1031	Thermogravimetric analysis of lignocellulosic leaf-based fiber-reinforced thermosets polymer composites: an overview. Biomass Conversion and Biorefinery, 0, , .	2.9	7
1032	Influence Of Dewaxing on Mechanical properties of kapok fiber-reinforced polymer composite. IOP Conference Series: Earth and Environmental Science, 2022, 1086, 012054.	0.2	2
1034	Use of Polymer Materials in Construction. , 2023, , 35-45.		0
1035	Review on natural plant fibres and their hybrid composites for structural applications: Recent trends and future perspectives. Composites Part C: Open Access, 2022, 9, 100322.	1.5	27
1036	Modelling large-surface impact-induced damage in iteratively characterized filament-wound composite pipes: A numerical and experimental investigation. International Journal of Applied Mechanics, 0, , .	1.3	0
1038	Physio-mechanical characterization of kenaf/saw dust reinforced polymer matrix composite and selection of optimal configuration using MADM-VIKOR approach. International Journal on Interactive Design and Manufacturing, 0, , .	1.3	2
1040	Hierarchical Model for Optimizing Natural Fiber Selection Process for Eco-design of Buildings. Journal of Natural Fibers, 2022, 19, 10897-10909.	1.7	2
1041	Tribological and Viscoelastic Behaviour of Jute, Prosopis Juliflora Bark, and Kenaf Fibers Reinforced Polyester Hybrid Composites for Engineering Applications. Materials Research, 0, 25, .	0.6	1
1042	Experimental mechanics analysis of recycled polypropylene-cotton composites for commercial applications. Advanced Industrial and Engineering Polymer Research, 2023, 6, 226-238.	2.7	2
1043	The Influence of Matrix Density on The Weibull Modulus of Natural Fiber Reinforced Nanocomposites. Materials Science Forum, 0, 1074, 3-9.	0.3	2
1044	Turning waste plant fibers into advanced plant fiber reinforced polymer composites: A comprehensive review. Composites Part C: Open Access, 2023, 10, 100333.	1.5	19
1045	Coetaneous Means of Utilization of Green Composite Materials., 2022,, 1-10.		0
1046	Ansys-Based Evaluation of Natural Fiber and Hybrid Fiber-Reinforced Composites. Sustainability, 2022, 14, 15992.	1.6	2
1047	Recent Progress on Natural Fibers Mixed with CFRP and GFRP: Properties, Characteristics, and Failure Behaviour. Polymers, 2022, 14, 5138.	2.0	20
1048	Influence of surface modification on mechanical and tribology performance of jute filler polymer composites and prediction of the performance using artificial neural network. Polymer Bulletin, 2023, 80, 11953-11974.	1.7	6

#	ARTICLE	IF	CITATIONS
1049	A review on cotton fibre-reinforced polymer composites and their applications. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2023, 237, 1347-1362.	0.7	3
1050	Experimental Evaluation of Impact and Thermal Properties of Abaca/Epoxy Composite., 0,,.		1
1051	Manufacturing of Natural Fiber-Based Thermoplastic Composites Using Microwave Energy. Lecture Notes in Mechanical Engineering, 2023, , 445-454.	0.3	0
1052	Effect of chemical treatments on properties of injection molded Nypa fruticans fiber reinforced polypropylene composite. Heliyon, 2022, 8, e11967.	1.4	2
1053	The Effect of the Extrusion Method on Processing and Selected Properties of Poly(3-hydroxybutyric-co-3-hydroxyvaleric Acid)-Based Biocomposites with Flax and Hemp Fibers. Polymers, 2022, 14, 5370.	2.0	6
1054	Chemical resistance of acetylated radiata pine sliced veneers. Wood Material Science and Engineering, 2023, 18, 1467-1477.	1.1	1
1055	Exploring Properties of Short Randomly Oriented Rattan Fiber Reinforced Epoxy Composite for Automotive Application. Journal of Natural Fibers, 2023, 20, .	1.7	4
1056	Introduction to Multifunctional Epoxy Composites. Engineering Materials, 2023, , 1-13.	0.3	0
1057	Dry sliding wear characteristics of natural fibre reinforced poly-lactic acid composites for engineering applications: Fabrication, properties and characterizations. Journal of Materials Research and Technology, 2023, 23, 1189-1203.	2.6	24
1058	Synthesis and mechanical characterization of natural fibre polymer matrix laminated hybrid composites reinforced with glass-fibre and flax-fibre synthesized by hand-lay-up techniques. , 2022, , .		0
1059	Lightweight Glass Fiber-Reinforced Polymer Composite for Automotive Bumper Applications: A Review. Polymers, 2023, 15, 193.	2.0	15
1060	Multifunctional polymer/carbonaceous nanocomposites for aerospace applications., 2023,, 55-83.		5
1061	Cellulose fiber-reinforced compositesâ€"History of evolution, chemistry, and structure. , 2023, , 1-22.		12
1062	Jute and luffa fibers: Physical, acoustical, and mechanical properties. , 2023, , 357-378.		0
1063	Process Simulation of Compression Molding Process and Effect of Fiber Content on Recycled Polymer Natural Fiber Composites Using Moldflow Analysis. Lecture Notes in Production Engineering, 2023, , 207-212.	0.3	0
1064	Biomass in Composite Materials. , 2012, , 698-739.		1
1065	Analysis of light weight natural fiber composites against ballistic impact: A review. International Journal of Lightweight Materials and Manufacture, 2023, 6, 450-468.	1.3	5
1066	Fabrication of chitosan-flax composites with differing molecular weights and its effect on mechanical properties. Composites Science and Technology, 2023, 235, 109952.	3.8	6

#	Article	IF	CITATIONS
1067	Damping under Varying Frequencies, Mechanical Properties, and Failure Modes of Flax/Polypropylene Composites. Polymers, 2023, 15, 1042.	2.0	31
1068	Evaluation of the bending strength of preloaded CF/PEKK at high temperature. Modern Physics Letters B, 2023, 37, .	1.0	2
1069	The Effect of Various Environmental Conditions on the Impact Damage Behaviour of Natural-Fibre-Reinforced Composites (NFRCs)—A Critical Review. Polymers, 2023, 15, 1229.	2.0	9
1070	Natural Fiber and Nanoparticles Reinforced Natural Fiber for Structural Composite Applications. Composites Science and Technology, 2023, , 139-158.	0.4	1
1071	Thermo-mechanical properties of composite filaments for 3D printing of fabrics. Journal of Thermoplastic Composite Materials, 2023, 36, 4800-4825.	2.6	2
1072	Recent Trends in Treatment and Fabrication of Plant-Based Fiber-Reinforced Epoxy Composite: A Review. Journal of Composites Science, 2023, 7, 120.	1.4	48
1073	Assessment of mechanical properties of flax fiber reinforced with Delrin polymer composite. Materials Today: Proceedings, 2023, , .	0.9	1
1074	Sustainable Green Materials for Automotive Industry. , 2022, , 1-10.		0
1075	Influence of alkali treatment on the interfacial shear strength of <i>Agave lechuguilla</i> fiber and its significance as a reinforcing material in polymer composites for mechanical applications. Polymer Composites, 2023, 44, 3487-3499.	2.3	2
1076	Physico-mechanical and tribological behaviour of natural fiber reinforced polymer composites: A short review. Materials Today: Proceedings, 2023, , .	0.9	1
1077	Influence of Different Hot Runner-Systems in the Injection Molding Process on the Structural and Mechanical Properties of Regenerated Cellulose Fiber Reinforced Polypropylene. Polymers, 2023, 15, 1924.	2.0	0
1078	Coir fiber as thermal insulator and its performance as reinforcing material in biocomposite production. Heliyon, 2023, 9, e15597.	1.4	3
1084	Bast fiber composites and their applications. , 2023, , 167-193.		0
1089	Circularity and Sustainability of Bio-Based Polymer/Natural Fiber Reinforced Composite. Springer Proceedings in Earth and Environmental Sciences, 2023, , 290-297.	0.2	0
1101	Natural fiber-based bio-degradable polymer composite. , 2023, , 145-165.		2
1103	Experimental and analytical investigation on natural composite materials. AIP Conference Proceedings, 2023, , .	0.3	0
1108	Potential of Natural/Synthetic Hybrid Composites for Automotive Applications. Composites Science and Technology, 2023, , 179-195.	0.4	1
1113	Lightweight and sustainable materials for automotive applications. , 2023, , 143-156.		1

#	Article	IF	CITATIONS
1114	Application of Composite Materials Natural Fibers in Automotive Industry – Short Review. EAI/Springer Innovations in Communication and Computing, 2023, , 193-203.	0.9	0
1115	Sustainable Materials for Advanced Products. , 2023, , 1001-1017.		0
1124	A Review of Circular Fashion and Bio-based Materials in the Fashion Industry. Circular Economy and Sustainability, $0$ , , .	3.3	0
1134	Sustainable Materials from Recycled Polypropylene Waste and Green Fillers: Processing, Properties, and Applications., 2023,, 133-177.		0
1137	Neue Entwicklungen. , 2019, , 193-207.		0
1143	Natural Fiber Reinforced PVC Composites and Nanocomposites. Engineering Materials, 2024, , 87-116.	0.3	0
1144	Composite materials from synthetic and natural sources: Fabrication techniques and applications. , 2023, , .		0
1145	Recent developments in functional plant fiber-based composites and their engineering applications. , 2023, , .		0
1146	Mechanical and Morphological Properties of Cellulose Reinforced Composites., 2023,, 207-215.		0
1147	Investigations on the Effects of Chemical Treatment on Mechanical Properties of Thespesia Lampas Fiber Reinforced Composites for Automobile Applications. , 0, , .		0
1148	An experimental investigation to compare the surface roughness of novel Okra fiber/Acacia Catechu filler reinforced epoxy composite with Okra fiber reinforced epoxy composite. AIP Conference Proceedings, 2023, , .	0.3	0
1150	Ultralight Electric Vehicle for Shell Eco-Marathon Competition: Design Methodology Review., 2023,,.		0
1151	Development of wind turbine blade using bamboo fiber composite material. AIP Conference Proceedings, 2023, , .	0.3	0
1154	Biocomposites derived from plant fiber resources. , 2024, , 23-54.		0
1155	A review on natural fibres: Its applications, chemical and mechanical properties. AIP Conference Proceedings, 2024, , .	0.3	0
1156	Effect of self-healing agent on the mechanical properties of natural fiber reinforced green composites: A review. AIP Conference Proceedings, 2024, , .	0.3	0
1157	Experimental and numerical investigation of sustainable thermal insulation competence of natural fiber reinforced composite. AIP Conference Proceedings, 2023, , .	0.3	0
1159	Effect of Interfacial Bonding Characteristics on Impact Strength of Jute Fiber Reinforced Composites. Composites Science and Technology, 2024, , 125-139.	0.4	0

#	Article	IF	CITATIONS
1160	Fiber aspect ratio and its effects on mechanical properties of pineapple leaf fiber composites., 2024,, 235-245.		0
1165	Environmental Impact of Multi-component Fiber-Reinforced Composites: Challenges and Green Solutions. Minerals, Metals and Materials Series, 2024, , 1237-1252.	0.3	1
1167	A review on biodegradable composites based on poly (lactic acid) with various bio fibers. Chemical Papers, 2024, 78, 2695-2728.	1.0	0
1170	Biocomposites for automotive applications. , 2024, , 257-284.		0
1171	Biocomposites with polyamide fibers (nylons and aramids). , 2024, , 121-147.		0