

Biocomposites reinforced with natural fibers: 2000â€“2

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Effect of Fiber Surface Treatments on Thermo-Mechanical Behavior of Poly(Lactic Acid)/Phormium Tenax Composites. <i>Journal of Polymers and the Environment</i> , 2013, 21, 881-891.	5.0	22
2	Novel cork-polymer composites reinforced with short natural coconut fibres: Effect of fibre loading and coupling agent addition. <i>Composites Science and Technology</i> , 2013, 78, 56-62.	7.8	86
3	Influence of cellulose polymorphs on the polypropylene crystallization. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 113, 281-289.	3.6	28
4	Mechanical performance and moisture absorption of various natural fiber reinforced thermoplastic composites. <i>Journal of Applied Polymer Science</i> , 2013, 130, 969-980.	2.6	43
5	Green Nondegrading Approach to Alkyne-Functionalized Cellulose Fibers and Biohybrids Thereof: Synthesis and Mapping of the Derivatization. <i>Biomacromolecules</i> , 2013, 14, 254-263.	5.4	36
6	Mechanical and thermal properties of date palm leaf fiber reinforced recycled poly (ethylene Tj ETQq1 1 0.784314 rgBT /Overlock 10 TF	5.1	103
7	Recycling of bioplastics, their blends and biocomposites: A review. <i>European Polymer Journal</i> , 2013, 49, 2839-2858.	5.4	332
8	Thermal and fire behavior of natural fibers/PBS biocomposites. <i>Polymer Degradation and Stability</i> , 2013, 98, 87-95.	5.8	153
9	Effect of basalt fiber hybridization on the impact behavior under low impact velocity of glass/basalt woven fabric/epoxy resin composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2013, 47, 109-123.	7.6	158
10	Initial experimental investigations on natural fibre reinforced honeycomb core panels. <i>Composites Part B: Engineering</i> , 2013, 55, 400-406.	12.0	53
11	Natural fiber blend-nylon 6 composites. <i>Polymer Composites</i> , 2013, 34, 544-553.	4.6	76
12	Preparation and characterization of micro and nanocomposites based on poly(vinyl alcohol) for packaging applications. <i>Journal of Materials Science</i> , 2013, 48, 7088-7096.	3.7	14
13	Improving the interfacial adhesion in a new renewable resource-based biocomposites from biofuel coproduct and biodegradable plastic. <i>Journal of Materials Science</i> , 2013, 48, 6025-6038.	3.7	26
14	All-cellulose and all-wood composites by partial dissolution of cotton fabric and wood in ionic liquid. <i>Carbohydrate Polymers</i> , 2013, 98, 1532-1539.	10.2	69
15	Toughening of poly(l-lactide) with poly( $\mu$ -caprolactone): Combined effects of matrix crystallization and impact modifier particle size. <i>Polymer</i> , 2013, 54, 5257-5266.	3.8	129
16	Effect of flax fibres individualisation on tensile failure of flax/epoxy unidirectional composite. <i>Composites Part A: Applied Science and Manufacturing</i> , 2013, 51, 62-70.	7.6	167
17	Influence of the degree of retting of flax fibers on the tensile properties of single fibers and short fiber/polypropylene composites. <i>Industrial Crops and Products</i> , 2013, 49, 755-767.	5.2	124
18	Some physico-mechanical properties of medium density fiberboards (MDF) based on mixed hardwood particles and chopped sycamore leaves bonded with MDI resin. <i>Journal of the Indian Academy of Wood Science</i> , 2013, 10, 155-159.	0.9	0

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20	Effects of heat treatment on the properties of bamboo fiber/polypropylene composites. <i>Fibers and Polymers</i> , 2013, 14, 1894-1898.	2.1	17
22	Interfacial strength and mechanical properties of biocomposites based on ramie fibers and poly(butylene succinate). <i>RSC Advances</i> , 2013, 3, 26418.	3.6	44
23	Biocomposites from hydrolyzed waste proteinaceous biomass: mechanical, thermal and moisture absorption performances. <i>Journal of Materials Chemistry A</i> , 2013, 1, 13186.	10.3	36
24	Developing plant fibre composites for structural applications by optimising composite parameters: a critical review. <i>Journal of Materials Science</i> , 2013, 48, 6083-6107.	3.7	391
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26	Potential of chicken by-products as sources of useful biological resources. <i>Waste Management</i> , 2013, 33, 552-565.	7.4	227
27	On the static and dynamic properties of flax and Cordenka epoxy composites. <i>Composites Science and Technology</i> , 2013, 80, 31-38.	7.8	73
28	Structure and properties of poly (lactic acid)/ <i>Sterculia urens</i> uniaxial fabric biocomposites. <i>Carbohydrate Polymers</i> , 2013, 94, 822-828.	10.2	31
29	The effect of interfacial adhesion on the creep behaviour of LDPE/Al <sub>2</sub> O <sub>3</sub> /Fique composite materials. <i>Composites Part B: Engineering</i> , 2013, 55, 345-351.	12.0	41
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31	Mechanical behaviour of jute cloth/wool felts hybrid laminates. <i>Materials &amp; Design</i> , 2013, 50, 309-321.	5.1	62
32	Integrated utilization of grape skins from white grape pomaces. <i>Industrial Crops and Products</i> , 2013, 49, 286-291.	5.2	58
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39	Multifunctional films composed of carbon nanotubes and cellulose regenerated from alkaline urea solution. <i>Journal of Materials Chemistry A</i> , 2013, 1, 2161-2168.	10.3	108
41	Hybrid cork polymer composites containing sisal fibre: Morphology, effect of the fibre treatment on the mechanical properties and tensile failure prediction. <i>Composite Structures</i> , 2013, 105, 153-162.	5.8	104
42	Twin-screw extrusion impact on natural fibre morphology and material properties in poly(lactic acid) based biocomposites. <i>Industrial Crops and Products</i> , 2013, 46, 173-185.	5.2	112
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81	Comparative Study of Dielectric Properties of Hybrid Natural Fiber Composites. <i>Procedia Engineering</i> , 2014, 97, 536-544.	1.2	105
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159	Preparation and characterization of cellulose nanofibers from de-pectinated sugar beet pulp. <i>Carbohydrate Polymers</i> , 2014, 102, 136-143.	10.2	185
160	Mechanical and thermal performance of distillers grains filled poly(butylene succinate) composites. <i>Materials &amp; Design</i> , 2014, 57, 195-200.	5.1	30
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1923	Environmentally friendly polymeric films based on biocarbon, synthetic zeolite and PVP for agricultural chemistry. <i>Polymer Bulletin</i> , 0, , 1.	3.3	2
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1933	Influence of alkali treatment on physio-mechanical properties of jute-epoxy composite. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 380-391.	1.4	11
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1962	An Experimental Investigation on Low-velocity Impact Response of Abaca/Epoxy Bio-composite. <i>Journal of Natural Fibers</i> , 2022, 19, 6977-6992.	3.1	7
1963	Tribological and mechanical fracture performance of Mediterranean lignocellulosic fiber reinforced polypropylene composites. <i>Polymer Composites</i> , 2021, 42, 5501-5511.	4.6	26
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1968	Critical Factors for Optimum Biodegradation of Bast Fiber™s Gums in Bacterial Retting. <i>Fibers</i> , 2021, 9, 52.	4.0	5
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1973	Green composites in bone tissue engineering. <i>Emergent Materials</i> , 2022, 5, 603-620.	5.7	11
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