

Pere MutjÀ© Pujol

List of Publications by Year in descending order

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186
papers

7,343
citations

38742

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Lignin-containing cellulose fibrils as reinforcement of plasticized PLA biocomposites produced by melt processing using PEG as a carrier. <i>Industrial Crops and Products</i> , 2022, 175, 114287.	5.2	24
2	Critical comparison of the properties of cellulose nanofibers produced from softwood and hardwood through enzymatic, chemical and mechanical processes. <i>International Journal of Biological Macromolecules</i> , 2022, 205, 220-230.	7.5	31
3	Electrospray Deposition of Cellulose Nanofibers on Paper: Overcoming the Limitations of Conventional Coating. <i>Nanomaterials</i> , 2022, 12, 79.	4.1	13
4	Approaching a Zero-Waste Strategy in Rapeseed (<i>Brassica napus</i>) Exploitation: Sustainably Approaching Bio-Based Polyethylene Composites. <i>Sustainability</i> , 2022, 14, 7942.	3.2	7
5	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. <i>Polymers</i> , 2021, 13, 619.	4.5	10
6	Comparative assessment of cellulose nanofibers and calcium alginate beads for continuous Cu(II) adsorption in packed columns: the influence of water and surface hydrophobicity. <i>Cellulose</i> , 2021, 28, 4327-4344.	4.9	12
7	Monitoring fibrillation in the mechanical production of lignocellulosic micro/nanofibers from bleached spruce thermomechanical pulp. <i>International Journal of Biological Macromolecules</i> , 2021, 178, 354-362.	7.5	16
8	Valorization of Date Palm Waste for Plastic Reinforcement: Macro and Micromechanics of Flexural Strength. <i>Polymers</i> , 2021, 13, 1751.	4.5	10
9	The Integral Utilization of Date Palm Waste to Produce Plastic Composites. <i>Polymers</i> , 2021, 13, 2335.	4.5	7
10	Cellulose nanofibrils reinforced PBAT/TPS blends: Mechanical and rheological properties. <i>International Journal of Biological Macromolecules</i> , 2021, 183, 267-275.	7.5	34
11	Enhanced Morphological Characterization of Cellulose Nano/Microfibers through Image Skeleton Analysis. <i>Nanomaterials</i> , 2021, 11, 2077.	4.1	18
12	Correlation between rheological measurements and morphological features of lignocellulosic micro/nanofibers from different softwood sources. <i>International Journal of Biological Macromolecules</i> , 2021, 187, 789-799.	7.5	17
13	Chemical-free production of lignocellulosic micro- and nanofibers from high-yield pulps: Synergies, performance, and feasibility. <i>Journal of Cleaner Production</i> , 2021, 313, 127914.	9.3	22
14	Characterization of CaCO ₃ Filled Poly(lactic) Acid and Bio Polyethylene Materials for Building Applications. <i>Polymers</i> , 2021, 13, 3323.	4.5	6
15	Tuning morphology and structure of non-woody nanocellulose: Ranging between nanofibers and nanocrystals. <i>Industrial Crops and Products</i> , 2021, 171, 113877.	5.2	28
16	Effect of enzymatic treatment (endo-glucanases) of fiber and mechanical lignocellulose nanofibers addition on physical and mechanical properties of binderless high-density fiberboards made from wheat straw. <i>Journal of Building Engineering</i> , 2021, 44, 103392.	3.4	4
17	Biobased polyamide reinforced with natural fiber composites. , 2021, , 141-165.		2
18	Potentiometric back titration as a robust and simple method for specific surface area estimation of lignocellulosic fibers. <i>Cellulose</i> , 2021, 28, 10815-10825.	4.9	10

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19	Development of high-performance binderless fiberboards from wheat straw residue. <i>Construction and Building Materials</i> , 2020, 232, 117247.	7.2	24
20	Lignin/poly(butylene succinate) composites with antioxidant and antibacterial properties for potential biomedical applications. <i>International Journal of Biological Macromolecules</i> , 2020, 145, 92-99.	7.5	116
21	Blends of PBAT with plasticized starch for packaging applications: Mechanical properties, rheological behaviour and biodegradability. <i>Industrial Crops and Products</i> , 2020, 144, 112061.	5.2	135
22	Evaluation of the fibrillation method on lignocellulosic nanofibers production from eucalyptus sawdust: A comparative study between high-pressure homogenization and grinding. <i>International Journal of Biological Macromolecules</i> , 2020, 145, 1199-1207.	7.5	32
23	Impact Strength and Water Uptake Behavior of Bleached Kraft Softwood-Reinforced PLA Composites as Alternative to PP-Based Materials. <i>Polymers</i> , 2020, 12, 2144.	4.5	12
24	Study on the Macro and Micromechanics Tensile Strength Properties of Orange Tree Pruning Fiber as Sustainable Reinforcement on Bio-Polyethylene Compared to Oil-Derived Polymers and Its Composites. <i>Polymers</i> , 2020, 12, 2206.	4.5	12
25	Effect of nanofiber addition on the physical-mechanical properties of chemimechanical pulp handsheets for packaging. <i>Cellulose</i> , 2020, 27, 10811-10823.	4.9	16
26	Influence of lignin content on the intrinsic modulus of natural fibers and on the stiffness of composite materials. <i>International Journal of Biological Macromolecules</i> , 2020, 155, 81-90.	7.5	23
27	Oxidative treatments for cellulose nanofibers production: a comparative study between TEMPO-mediated and ammonium persulfate oxidation. <i>Cellulose</i> , 2020, 27, 10671-10688.	4.9	43
28	High-Yield Lignocellulosic Fibers from Date Palm Biomass as Reinforcement in Polypropylene Composites: Effect of Fiber Treatment on Composite Properties. <i>Polymers</i> , 2020, 12, 1423.	4.5	13
29	Valorization of Hemp Core Residues: Impact of NaOH Treatment on the Flexural Strength of PP Composites and Intrinsic Flexural Strength of Hemp Core Fibers. <i>Biomolecules</i> , 2020, 10, 823.	4.0	10
30	Research on the Strengthening Advantages on Using Cellulose Nanofibers as Polyvinyl Alcohol Reinforcement. <i>Polymers</i> , 2020, 12, 974.	4.5	20
31	Lignocellulosic nanofibers for the reinforcement of brown line paper in industrial water systems. <i>Cellulose</i> , 2020, 27, 10799-10809.	4.9	5
32	Recycling dyed cotton textile byproduct fibers as polypropylene reinforcement. <i>Textile Reseach Journal</i> , 2019, 89, 2113-2125.	2.2	31
33	Flexural Properties and Mean Intrinsic Flexural Strength of Old Newspaper Reinforced Polypropylene Composites. <i>Polymers</i> , 2019, 11, 1244.	4.5	12
34	Determination of Mean Intrinsic Flexural Strength and Coupling Factor of Natural Fiber Reinforcement in Polylactic Acid Biocomposites. <i>Polymers</i> , 2019, 11, 1736.	4.5	24
35	Modeling the Stiffness of Coupled and Uncoupled Recycled Cotton Fibers Reinforced Polypropylene Composites. <i>Polymers</i> , 2019, 11, 1725.	4.5	11
36	TEMPO-Oxidized Cellulose Nanofibers: A Potential Bio-Based Superabsorbent for Diaper Production. <i>Nanomaterials</i> , 2019, 9, 1271.	4.1	52

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37	On the Path to a New Generation of Cement-Based Composites through the Use of Lignocellulosic Micro/Nanofibers. <i>Materials</i> , 2019, 12, 1584.	2.9	6
38	Signal enhancement on gold nanoparticle-based lateral flow tests using cellulose nanofibers. <i>Biosensors and Bioelectronics</i> , 2019, 141, 111407.	10.1	53
39	Towards the development of highly transparent, flexible and water-resistant bio-based nanopapers: tailoring physico-mechanical properties. <i>Cellulose</i> , 2019, 26, 6917-6932.	4.9	12
40	Study on the Tensile Strength and Micromechanical Analysis of Alfa Fibers Reinforced High Density Polyethylene Composites. <i>Fibers and Polymers</i> , 2019, 20, 602-610.	2.1	20
41	Research on the use of lignocellulosic fibers reinforced bio-polyamide 11 with composites for automotive parts: Car door handle case study. <i>Journal of Cleaner Production</i> , 2019, 226, 64-73.	9.3	52
42	Interface and micromechanical characterization of tensile strength of bio-based composites from polypropylene and henequen strands. <i>Industrial Crops and Products</i> , 2019, 132, 319-326.	5.2	40
43	Biobased Composites from Biobased-Polyethylene and Barley Thermomechanical Fibers: Micromechanics of Composites. <i>Materials</i> , 2019, 12, 4182.	2.9	27
44	Explorative Study on the Use of Curauã; Reinforced Polypropylene Composites for the Automotive Industry. <i>Materials</i> , 2019, 12, 4185.	2.9	18
45	TEMPO-oxidized cellulose nanofibers as potential Cu(II) adsorbent for wastewater treatment. <i>Cellulose</i> , 2019, 26, 903-916.	4.9	45
46	Production of fiberboard from rice straw thermomechanical extrudates by thermopressing: influence of fiber morphology, water and lignin content. <i>European Journal of Wood and Wood Products</i> , 2019, 77, 15-32.	2.9	15
47	PROMOTE CHEMICAL ENGINEERING THROUGH THE PRODUCTION OF POLYURETHANE FOAMS. , 2019, , .		0
48	PROJECT OF DEMONSTRATIVE EXPERIENCE OF SUSTAINABLE PROCESSES WITH HYDROPHOBIC AEROGELS OF CELLULOSE NANOFIBERS. <i>INTED Proceedings</i> , 2019, , .	0.0	0
49	CHEMICAL ANALYSIS APPLIED TO THE INDUSTRY: A DEMONSTRATIVE EXPERIENCE TO PROMOTE THE INTEREST FOR CHEMICAL ENGINEERING. <i>EDULEARN Proceedings</i> , 2019, , .	0.0	0
50	PROMOTING SUSTAINABILITY AND ETHICS IN PRODUCT DEVELOPMENT IN CHEMICAL ENGINEERING COURSES. , 2019, , .		0
51	Macro and micro-mechanics behavior of stiffness in alkaline treated hemp core fibres polypropylene-based composites. <i>Composites Part B: Engineering</i> , 2018, 144, 118-125.	12.0	40
52	Cellulose nanofibers from residues to improve linting and mechanical properties of recycled paper. <i>Cellulose</i> , 2018, 25, 1339-1351.	4.9	25
53	The role of lignin on the mechanical performance of polylactic acid and jute composites. <i>International Journal of Biological Macromolecules</i> , 2018, 116, 299-304.	7.5	36
54	Macro and micromechanical preliminary assessment of the tensile strength of particulate rapeseed sawdust reinforced polypropylene copolymer biocomposites for its use as building material. <i>Construction and Building Materials</i> , 2018, 168, 422-430.	7.2	17

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55	Mechanical and chemical dispersion of nanocelluloses to improve their reinforcing effect on recycled paper. <i>Cellulose</i> , 2018, 25, 269-280.	4.9	52
56	Recycled fibers for fluting production: The role of lignocellulosic micro/nanofibers of banana leaves. <i>Journal of Cleaner Production</i> , 2018, 172, 233-238.	9.3	17
57	Combined effect of sodium carboxymethyl cellulose, cellulose nanofibers and drainage aids in recycled paper production process. <i>Carbohydrate Polymers</i> , 2018, 183, 201-206.	10.2	18
58	Key role of anionic trash catching system on the efficiency of lignocellulose nanofibers in industrial recycled slurries. <i>Cellulose</i> , 2018, 25, 357-366.	4.9	8
59	Towards a new generation of functional fiber-based packaging: cellulose nanofibers for improved barrier, mechanical and surface properties. <i>Cellulose</i> , 2018, 25, 683-695.	4.9	21
60	Approaching a new generation of fiberboards taking advantage of self lignin as green adhesive. <i>International Journal of Biological Macromolecules</i> , 2018, 108, 927-935.	7.5	56
61	Polyelectrolyte complexes for assisting the application of lignocellulosic micro/nanofibers in papermaking. <i>Cellulose</i> , 2018, 25, 6083-6092.	4.9	12
62	PBAT/thermoplastic starch blends: Effect of compatibilizers on the rheological, mechanical and morphological properties. <i>Carbohydrate Polymers</i> , 2018, 199, 51-57.	10.2	121
63	Towards More Sustainable Material Formulations: A Comparative Assessment of PA11-SGW Flexural Performance versus Oil-Based Composites. <i>Polymers</i> , 2018, 10, 440.	4.5	18
64	Bleached Kraft Eucalyptus Fibers as Reinforcement of Poly(Lactic Acid) for the Development of High-Performance Biocomposites. <i>Polymers</i> , 2018, 10, 699.	4.5	12
65	Impact Strength and Water Uptake Behaviors of Fully Bio-Based PA11-SGW Composites. <i>Polymers</i> , 2018, 10, 717.	4.5	19
66	CHEMICAL ENGINEERING PROMOTION USING A DEMONSTRATION PLANT OF DEODORANT STICK PRODUCTION. , 2018, , .		0
67	A MOBIL BIODIESEL PRODUCTION PLATFORM AS A METHODOLOGY TO SHOW CHEMICAL ENGINEERING TO BACHELORS STUDENTS. , 2018, , .		0
68	Lignocellulosic nanofibers from triticale straw: The influence of hemicelluloses and lignin in their production and properties. <i>Carbohydrate Polymers</i> , 2017, 163, 20-27.	10.2	64
69	The suitability of banana leaf residue as raw material for the production of high lignin content micro/nano fibers: From residue to value-added products. <i>Industrial Crops and Products</i> , 2017, 99, 27-33.	5.2	48
70	Magnetic bionanocomposites from cellulose nanofibers: Fast, simple and effective production method. <i>International Journal of Biological Macromolecules</i> , 2017, 99, 29-36.	7.5	21
71	Comparison between two different pretreatment technologies of rice straw fibers prior to fiberboard manufacturing: Twin-screw extrusion and digestion plus defibration. <i>Industrial Crops and Products</i> , 2017, 107, 184-197.	5.2	23
72	Bio composite from bleached pine fibers reinforced polylactic acid as a replacement of glass fiber reinforced polypropylene, macro and micro-mechanics of the Young's modulus. <i>Composites Part B: Engineering</i> , 2017, 125, 203-210.	12.0	50

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73	Bleached kraft softwood fibers reinforced polylactic acid composites, tensile and flexural strengths. , 2017, , 73-90.		5
74	Lignocellulosic micro/nanofibers from wood sawdust applied to recycled fibers for the production of paper bags. International Journal of Biological Macromolecules, 2017, 105, 664-670.	7.5	19
75	Immobilization of antimicrobial peptides onto cellulose nanopaper. International Journal of Biological Macromolecules, 2017, 105, 741-748.	7.5	13
76	Enzymatically hydrolyzed and TEMPO-oxidized cellulose nanofibers for the production of nanopapers: morphological, optical, thermal and mechanical properties. Cellulose, 2017, 24, 3943-3954.	4.9	63
77	Mechanical and micromechanical tensile strength of eucalyptus bleached fibers reinforced polyoxymethylene composites. Composites Part B: Engineering, 2017, 116, 333-339.	12.0	53
78	Influence of TEMPO-oxidised cellulose nanofibrils on the properties of filler-containing papers. Cellulose, 2017, 24, 349-362.	4.9	49
79	Sugarcane Bagasse Reinforced Composites: Studies on the Young's Modulus and Macro and Micro-Mechanics. BioResources, 2017, 12, .	1.0	15
80	Effect of Sodium Hydroxide Treatments on the Tensile Strength and the Interphase Quality of Hemp Core Fiber-Reinforced Polypropylene Composites. Polymers, 2017, 9, 377.	4.5	29
81	Reducing the Amount of Catalyst in TEMPO-Oxidized Cellulose Nanofibers: Effect on Properties and Cost. Polymers, 2017, 9, 557.	4.5	76
82	Cellulose polymer composites (WPC). , 2017, , 115-139.		10
83	Nanofibrillated cellulose as an additive in papermaking process. , 2017, , 153-173.		6
84	Fiberboards Made from Corn Stalk Thermomechanical Pulp and Kraft Lignin as a Green Adhesive. BioResources, 2017, 12, .	1.0	37
85	Evaluation of Thermal and Thermomechanical Behaviour of Bio-Based Polyamide 11 Based Composites Reinforced with Lignocellulosic Fibres. Polymers, 2017, 9, 522.	4.5	26
86	High-Yield Pulp from Brassica napus to Manufacture Packaging Paper. BioResources, 2017, 12, .	1.0	9
87	Starch-Based Biopolymer Reinforced with High Yield Fibers from Sugarcane Bagasse as a Technical and Environmentally Friendly Alternative to High Density Polyethylene. BioResources, 2016, 11, .	1.0	13
88	Tensile Strength Assessment of Injection-Molded High Yield Sugarcane Bagasse-Reinforced Polypropylene. BioResources, 2016, 11, .	1.0	10
89	Valorization of Corn Stalk by the Production of Cellulose Nanofibers to Improve Recycled Paper Properties. BioResources, 2016, 11, .	1.0	31
90	Towards a good interphase between bleached kraft softwood fibers and poly(lactic) acid. Composites Part B: Engineering, 2016, 99, 514-520.	12.0	54

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91	Cu-coated cellulose nanopaper for green and low-cost electronics. <i>Cellulose</i> , 2016, 23, 1997-2010.	4.9	41
92	Semichemical fibres of <i>Leucaena collinsii</i> reinforced polypropylene composites: Flexural characterisation, impact behaviour and water uptake properties. <i>Composites Part B: Engineering</i> , 2016, 97, 176-182.	12.0	24
93	Morphological analysis of pulps from orange tree trimmings and its relation to mechanical properties. <i>Measurement: Journal of the International Measurement Confederation</i> , 2016, 93, 319-326.	5.0	11
94	Stiffness of bio-based polyamide 11 reinforced with softwood stone ground-wood fibres as an alternative to polypropylene-glass fibre composites. <i>European Polymer Journal</i> , 2016, 84, 481-489.	5.4	35
95	Nanofibrillated cellulose as an additive in papermaking process: A review. <i>Carbohydrate Polymers</i> , 2016, 154, 151-166.	10.2	205
96	Effective and simple methodology to produce nanocellulose-based aerogels for selective oil removal. <i>Cellulose</i> , 2016, 23, 3077-3088.	4.9	36
97	The feasibility of incorporating cellulose micro/nanofibers in papermaking processes: the relevance of enzymatic hydrolysis. <i>Cellulose</i> , 2016, 23, 1433-1445.	4.9	64
98	Polypropylene reinforced with semi-chemical fibres of <i>Leucaena collinsii</i> : Thermal properties. <i>Composites Part B: Engineering</i> , 2016, 94, 75-81.	12.0	8
99	The key role of lignin in the production of low-cost lignocellulosic nanofibres for papermaking applications. <i>Industrial Crops and Products</i> , 2016, 86, 295-300.	5.2	101
100	Nanofibrillated cellulose (CNF) from eucalyptus sawdust as a dry strength agent of unrefined eucalyptus handsheets. <i>Carbohydrate Polymers</i> , 2016, 139, 99-105.	10.2	85
101	Semichemical fibres of <i>Leucaena collinsii</i> reinforced polypropylene: Macromechanical and micromechanical analysis. <i>Composites Part B: Engineering</i> , 2016, 91, 384-391.	12.0	44
102	Semichemical fibres of <i>Leucaena collinsii</i> reinforced polypropylene composites: Young's modulus analysis and fibre diameter effect on the stiffness. <i>Composites Part B: Engineering</i> , 2016, 92, 332-337.	12.0	44
103	Suitability of wheat straw semichemical pulp for the fabrication of lignocellulosic nanofibres and their application to papermaking slurries. <i>Cellulose</i> , 2016, 23, 837-852.	4.9	103
104	Papermaking potential of <i>Citrus sinensis</i> trimmings using organosolv pulping, chlorine-free bleaching and refining. <i>Journal of Cleaner Production</i> , 2016, 112, 980-986.	9.3	15
105	ENCOURAGING STUDENTS TO DEVELOP THEIR OWN PROJECT THROUGH THE INCREASE OF THE NUMBER OF PRACTICAL SESSIONS. , 2016, , .		0
106	Orange Wood Fiber Reinforced Polypropylene Composites: Thermal Properties. <i>BioResources</i> , 2015, 10, .	1.0	9
107	Approaching a Low-Cost Production of Cellulose Nanofibers for Papermaking Applications. <i>BioResources</i> , 2015, 10, .	1.0	66
108	Aplicación de celulosa nanofibrilada, en masa y superficie, a la pulpa mecánica de muela de piedra: una sólida alternativa al tratamiento clásico de refinado. <i>Maderas: Ciencia Y Tecnología</i> , 2015, , 0-0.	0.7	3

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109	Enzymatic Refining and Cellulose Nanofiber Addition in Papermaking Processes from Recycled and Deinked Slurries. <i>BioResources</i> , 2015, 10, .	1.0	16
110	Acoustic properties of agroforestry waste orange pruning fibers reinforced polypropylene composites as an alternative to laminated gypsum boards. <i>Construction and Building Materials</i> , 2015, 77, 124-129.	7.2	37
111	On the morphology of cellulose nanofibrils obtained by TEMPO-mediated oxidation and mechanical treatment. <i>Micron</i> , 2015, 72, 28-33.	2.2	72
112	All-lignocellulosic fiberboard from corn biomass and cellulose nanofibers. <i>Industrial Crops and Products</i> , 2015, 76, 166-173.	5.2	64
113	Flexural properties of fully biodegradable alpha-grass fibers reinforced starch-based thermoplastics. <i>Composites Part B: Engineering</i> , 2015, 81, 98-106.	12.0	41
114	Are Cellulose Nanofibers a Solution for a More Circular Economy of Paper Products?. <i>Environmental Science & Technology</i> , 2015, 49, 12206-12213.	10.0	61
115	Olive stones flour as reinforcement in polypropylene composites: A step forward in the valorization of the solid waste from the olive oil industry. <i>Industrial Crops and Products</i> , 2015, 72, 183-191.	5.2	63
116	Improvement of deinked old newspaper/old magazine pulp suspensions by means of nanofibrillated cellulose addition. <i>Cellulose</i> , 2015, 22, 789-802.	4.9	88
117	Polypropylene composites based on lignocellulosic fillers: How the filler morphology affects the composite properties. <i>Materials & Design</i> , 2015, 65, 454-461.	5.1	68
118	Tensile Properties of Polypropylene Composites Reinforced with Mechanical, Thermomechanical, and Chemi-Thermomechanical Pulps from Orange Pruning. <i>BioResources</i> , 2015, 10, .	1.0	27
119	Thermoplasticized starch modified by reactive blending with epoxidized soybean oil. <i>Industrial Crops and Products</i> , 2014, 53, 261-267.	5.2	48
120	Macro and micromechanics analysis of short fiber composites stiffness: The case of old newspaper fibers in polypropylene composites. <i>Materials & Design</i> , 2014, 55, 319-324.	5.1	43
121	Study on the technical feasibility of replacing glass fibers by old newspaper recycled fibers as polypropylene reinforcement. <i>Journal of Cleaner Production</i> , 2014, 65, 489-496.	9.3	60
122	Agriculture crop residues as a source for the production of nanofibrillated cellulose with low energy demand. <i>Cellulose</i> , 2014, 21, 4247-4259.	4.9	65
123	Polyvinyl chloride composites filled with olive stone flour: Mechanical, thermal, and water absorption properties. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	23
124	From paper to nanopaper: evolution of mechanical and physical properties. <i>Cellulose</i> , 2014, 21, 2599-2609.	4.9	118
125	Non-woody plants as raw materials for production of microfibrillated cellulose (MFC): A comparative study. <i>Industrial Crops and Products</i> , 2013, 41, 250-259.	5.2	189
126	Estimation of the interfacial shears strength, orientation factor and mean equivalent intrinsic tensile strength in old newspaper fiber/polypropylene composites. <i>Composites Part B: Engineering</i> , 2013, 50, 232-238.	12.0	66

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127	Key role of the hemicellulose content and the cell morphology on the nanofibrillation effectiveness of cellulose pulps. <i>Cellulose</i> , 2013, 20, 2863-2875.	4.9	142
128	Effect of the combination of biobeating and NFC on the physico-mechanical properties of paper. <i>Cellulose</i> , 2013, 20, 1425-1435.	4.9	76
129	Modeling of the tensile moduli of mechanical, thermomechanical, and chemi-thermomechanical pulps from orange tree pruning. <i>Polymer Composites</i> , 2013, 34, 1840-1846.	4.6	37
130	Analysis of tensile and flexural modulus in hemp strands/polypropylene composites. <i>Composites Part B: Engineering</i> , 2013, 47, 339-343.	12.0	52
131	Newspaper fiber-reinforced thermoplastic starch biocomposites obtained by melt processing: Evaluation of the mechanical, thermal and water sorption properties. <i>Industrial Crops and Products</i> , 2013, 44, 300-305.	5.2	42
132	All-cellulose composites from unbleached hardwood kraft pulp reinforced with nanofibrillated cellulose. <i>Cellulose</i> , 2013, 20, 2909-2921.	4.9	57
133	Impact and flexural properties of stone-ground wood pulp-reinforced polypropylene composites. <i>Polymer Composites</i> , 2013, 34, 842-848.	4.6	33
134	Reinforcing potential of nanofibrillated cellulose from nonwoody plants. <i>Polymer Composites</i> , 2013, 34, 1999-2007.	4.6	18
135	Thermoplastic Starch-based Composites Reinforced with Rape Fibers: Water Uptake and Thermomechanical Properties. <i>BioResources</i> , 2013, 8, .	1.0	16
136	Suitability of Rapeseed Chemithermomechanical Pulp as Raw Material in Papermaking. <i>BioResources</i> , 2013, 8, .	1.0	21
137	High-Performance-Tensile-Strength Alpha-Grass Reinforced Starch-Based Fully Biodegradable Composites. <i>BioResources</i> , 2013, 8, .	1.0	9
138	High Stiffness Performance Alpha-Grass Pulp Fiber Reinforced Thermoplastic Starch-Based Fully Biodegradable Composites. <i>BioResources</i> , 2013, 9, .	1.0	13
139	Micromechanics of Mechanical, Thermomechanical, and Chemi-Thermomechanical Pulp from Orange Tree Pruning as Polypropylene Reinforcement: A Comparative Study. <i>BioResources</i> , 2013, 8, .	1.0	37
140	Biocomposites from Starch-based Biopolymer and Rape Fibers. Part I: Interfacial Analysis and Intrinsic Properties of Rape Fibers. <i>Current Organic Chemistry</i> , 2013, 17, 1633-1640.	1.6	4
141	Biocomposites from Starch-based Biopolymer and Rape Fibers. Part II: Stiffening, Flexural and Impact Strength, and Product Development. <i>Current Organic Chemistry</i> , 2013, 17, 1641-1646.	1.6	5
142	Allocation of carbon dioxide emissions from key production steps in high-grade paper mills. <i>Tappi Journal</i> , 2013, 12, 19-28.	0.5	8
143	Micromechanics of hemp strands in polypropylene composites. <i>Composites Science and Technology</i> , 2012, 72, 1209-1213.	7.8	75
144	PP composites based on mechanical pulp, deinked newspaper and jute strands: A comparative study. <i>Composites Part B: Engineering</i> , 2012, 43, 3453-3461.	12.0	53

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145	NANOFIBRILLATED CELLULOSE AS PAPER ADDITIVE IN EUCALYPTUS PULPS. <i>BioResources</i> , 2012, 7, .	1.0	155
146	ACOUSTIC PROPERTIES OF POLYPROPYLENE COMPOSITES REINFORCED WITH STONE GROUNDWOOD. <i>BioResources</i> , 2012, 7, .	1.0	58
147	MANAGEMENT OF CORN STALK WASTE AS REINFORCEMENT FOR POLYPROPYLENE INJECTION MOULDED COMPOSITES. <i>BioResources</i> , 2012, 7, .	1.0	36
148	RESEARCH ON THE SUITABILITY OF ORGANOSOLV SEMI-CHEMICAL TRITICALE FIBERS AS REINFORCEMENT FOR RECYCLED HDPE COMPOSITES. <i>BioResources</i> , 2012, 7, .	1.0	8
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