M ConcepciÃ³n Monte

List of Publications by Year
in descending order

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35	1,528	393982	377514
papers	citations	19 h-index	34 g-index

35	35	35	1747
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Gel Point as Measurement of Dispersion Degree of Nano-Cellulose Suspensions and Its Application in Papermaking. Nanomaterials, 2022, 12, 790.	1.9	9
2	Increasing the Possibilities of TEMPOâ€Mediated Oxidation in the Production of Cellulose Nanofibers by Reducing the Reaction Time and Reusing the Reaction Medium. Advanced Sustainable Systems, 2021, 5, 2000277.	2.7	29
3	Nanocellulose characterization challenges. BioResources, 2021, 16, 4382-4410.	0.5	34
4	Monitoring fibrillation in the mechanical production of lignocellulosic micro/nanofibers from bleached spruce thermomechanical pulp. International Journal of Biological Macromolecules, 2021, 178, 354-362.	3.6	16
5	Chitosan grafted/cross-linked with biodegradable polymers: A review. International Journal of Biological Macromolecules, 2021, 178, 325-343.	3.6	72
6	Recycled Fibers for Sustainable Hybrid Fiber Cement Based Material: A Review. Materials, 2021, 14, 2408.	1.3	14
7	Simplification of gel point characterization of cellulose nano and microfiber suspensions. Cellulose, 2021, 28, 6995-7006.	2.4	18
8	Enhanced Morphological Characterization of Cellulose Nano/Microfibers through Image Skeleton Analysis. Nanomaterials, 2021, 11, 2077.	1.9	18
9	Characterizing highly fibrillated nanocellulose by modifying the gel point methodology. Carbohydrate Polymers, 2020, 227, 115340.	5.1	27
10	Comparison Of Mechanical And Chemical Nanocellulose As Additives To Reinforce Recycled Cardboard. Scientific Reports, 2020, 10, 3778.	1.6	42
11	Industrial Application of Nanocelluloses in Papermaking: A Review of Challenges, Technical Solutions, and Market Perspectives. Molecules, 2020, 25, 526.	1.7	86
12	NANOCELLULOSE AND ITS POTENTIAL USE FOR SUSTAINABLE INDUSTRIAL APPLICATIONS. Latin American Applied Research, 2020, 50, 59-64.	0.2	15
13	Cellulose nanofibers and chitosan to remove flexographic inks from wastewaters. Environmental Science: Water Research and Technology, 2019, 5, 1558-1567.	1.2	30
14	In Situ Production and Application of Cellulose Nanofibers to Improve Recycled Paper Production. Molecules, 2019, 24, 1800.	1.7	40
15	Pickering Emulsions Containing Cellulose Microfibers Produced by Mechanical Treatments as Stabilizer in the Food Industry. Applied Sciences (Switzerland), 2019, 9, 359.	1.3	53
16	Learning by doing: Chem-E-CarÂ® motivating experience. Education for Chemical Engineers, 2019, 26, 24-29.	2.8	8
17	Study of The Reaction Mechanism to Produce Nanocellulose-Graft-Chitosan Polymer. Nanomaterials, 2018, 8, 883.	1.9	19
18	Nanocellulose for Industrial Use. , 2018, , 74-126.		105

#	Article	IF	Citations
19	Application of cellulose nanofibers to remove water-based flexographic inks from wastewaters. Environmental Science and Pollution Research, 2017, 24, 5049-5059.	2.7	22
20	Effect of Bleached Eucalyptus and Pine Cellulose Nanofibers on the Physico-Mechanical Properties of Cartonboard. BioResources, 2016, 11, .	0.5	28
21	Corn stalk from agricultural residue used as reinforcement fiber in fiber-cement production. Industrial Crops and Products, 2013, 43, 832-839.	2.5	58
22	Analysis of the quality of the recovered paper from commingled collection systems. Resources, Conservation and Recycling, 2013, 72, 60-66.	5.3	33
23	Extending the limits of paper recycling - improvements along the paper value chain. Forest Systems, 2013, 22, 471.	0.1	20
24	Improving deposition tester to study adherent deposits in papermaking. Chemical Engineering Research and Design, 2012, 90, 1491-1499.	2.7	10
25	Characterisation of agricultural residues used as a source of fibres for fibre-cement production. Industrial Crops and Products, 2012, 36, 14-21.	2.5	28
26	Use of cellulose fibers from hemp core in fiber-cement production. Effect on flocculation, retention, drainage and product properties. Industrial Crops and Products, 2012, 39, 89-96.	2.5	71
27	Enzymatic deinking of secondary fibers: cellulases/hemicellulases versus laccase-mediator system. Journal of Industrial Microbiology and Biotechnology, 2012, 39, 1-9.	1.4	62
28	Use of talc to control problems associated with dissolved and colloidal material in papermaking. Tappi Journal, 2012, 11, 43-51.	0.2	2
29	Impact of increased collection rates and the use of commingled collection systems on the quality of recovered paper. Part 1: Increased collection rates. Waste Management, 2011, 31, 2208-2216.	3.7	15
30	Pitch detackification with natural and modified talcs. Tappi Journal, 2011, 10, 53-59.	0.2	2
31	Interaction of dissolved and colloidal material during the mixing of different pulps. Holzforschung, 2010, 64, .	0.9	9
32	Time Variations of Macrostickies and Extractable Stickies Concentrations in Deinking. Industrial & Engineering Chemistry Research, 2010, 49, 4933-4939.	1.8	3
33	Waste management from pulp and paper production in the European Union. Waste Management, 2009, 29, 293-308.	3.7	476
34	Polymeric Branched Flocculant Effect on the Flocculation Process of Pulp Suspensions in the Papermaking Industry. Industrial & Engineering Chemistry Research, 2009, 48, 4826-4836.	1.8	34
35	Development of a methodology to predict sticky deposits due to the destabilisation of dissolved and colloidal material in papermakingâ€"application to different systems. Chemical Engineering Journal, 2004, 105, 21-29.	6.6	20