M ConcepciÃ³n Monte

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9345630/publications.pdf

Version: 2024-02-01

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	Waste management from pulp and paper production in the European Union. Waste Management, 2009, 29, 293-308.	3.7	476
2	Nanocellulose for Industrial Use. , 2018, , 74-126.		105
3	Industrial Application of Nanocelluloses in Papermaking: A Review of Challenges, Technical Solutions, and Market Perspectives. Molecules, 2020, 25, 526.	1.7	86
4	Chitosan grafted/cross-linked with biodegradable polymers: A review. International Journal of Biological Macromolecules, 2021, 178, 325-343.	3.6	72
5	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
6	Enzymatic deinking of secondary fibers: cellulases/hemicellulases versus laccase-mediator system. Journal of Industrial Microbiology and Biotechnology, 2012, 39, 1-9.	1.4	62
7	Corn stalk from agricultural residue used as reinforcement fiber in fiber-cement production. Industrial Crops and Products, 2013, 43, 832-839.	2.5	58
8	Pickering Emulsions Containing Cellulose Microfibers Produced by Mechanical Treatments as Stabilizer in the Food Industry. Applied Sciences (Switzerland), 2019, 9, 359.	1.3	53
9	Comparison Of Mechanical And Chemical Nanocellulose As Additives To Reinforce Recycled Cardboard. Scientific Reports, 2020, 10, 3778.	1.6	42
10	In Situ Production and Application of Cellulose Nanofibers to Improve Recycled Paper Production. Molecules, 2019, 24, 1800.	1.7	40
11	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
12	Nanocellulose characterization challenges. BioResources, 2021, 16, 4382-4410.	0.5	34
13	Analysis of the quality of the recovered paper from commingled collection systems. Resources, Conservation and Recycling, 2013, 72, 60-66.	5.3	33
14	Cellulose nanofibers and chitosan to remove flexographic inks from wastewaters. Environmental Science: Water Research and Technology, 2019, 5, 1558-1567.	1.2	30
15	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
16	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
17	Effect of Bleached Eucalyptus and Pine Cellulose Nanofibers on the Physico-Mechanical Properties of Cartonboard. BioResources, 2016, 11, .	0.5	28
18	Characterizing highly fibrillated nanocellulose by modifying the gel point methodology. Carbohydrate Polymers, 2020, 227, 115340.	5.1	27

#	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	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
21	Extending the limits of paper recycling - improvements along the paper value chain. Forest Systems, 2013, 22, 471.	0.1	20
22	Study of The Reaction Mechanism to Produce Nanocellulose-Graft-Chitosan Polymer. Nanomaterials, 2018, 8, 883.	1.9	19
23	Simplification of gel point characterization of cellulose nano and microfiber suspensions. Cellulose, 2021, 28, 6995-7006.	2.4	18
24	Enhanced Morphological Characterization of Cellulose Nano/Microfibers through Image Skeleton Analysis. Nanomaterials, 2021, 11, 2077.	1.9	18
25	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
26	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
27	NANOCELLULOSE AND ITS POTENTIAL USE FOR SUSTAINABLE INDUSTRIAL APPLICATIONS. Latin American Applied Research, 2020, 50, 59-64.	0.2	15
28	Recycled Fibers for Sustainable Hybrid Fiber Cement Based Material: A Review. Materials, 2021, 14, 2408.	1.3	14
29	Improving deposition tester to study adherent deposits in papermaking. Chemical Engineering Research and Design, 2012, 90, 1491-1499.	2.7	10
30	Interaction of dissolved and colloidal material during the mixing of different pulps. Holzforschung, 2010, 64, .	0.9	9
31	Gel Point as Measurement of Dispersion Degree of Nano-Cellulose Suspensions and Its Application in Papermaking. Nanomaterials, 2022, 12, 790.	1.9	9
32	Learning by doing: Chem-E-CarÂ® motivating experience. Education for Chemical Engineers, 2019, 26, 24-29.	2.8	8
33	Time Variations of Macrostickies and Extractable Stickies Concentrations in Deinking. Industrial & Engineering Chemistry Research, 2010, 49, 4933-4939.	1.8	3
34	Pitch detackification with natural and modified talcs. Tappi Journal, 2011, 10, 53-59.	0.2	2
35	Use of talc to control problems associated with dissolved and colloidal material in papermaking. Tappi Journal, 2012, 11, 43-51.	0.2	2