Ana F LourenÃ§o

List of Publications by Year
in descending order

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21 papers	553 citations	516215 16 h-index	713013 21 g-index
21 all docs	21 docs citations	21 times ranked	600 citing authors

#	Article	IF	Citations
1	Nanocelluloses: Production, Characterization and Market. Advances in Experimental Medicine and Biology, 2022, 1357, 129-151.	0.8	1
2	Influence of initial chemical composition and characteristics of pulps on the production and properties of lignocellulosic nanofibers. International Journal of Biological Macromolecules, 2020, 143, 453-461.	3.6	24
3	Cellulose micro and nanofibrils as coating agent for improved printability in office papers. Cellulose, 2020, 27, 6001-6010.	2.4	24
4	Tuning rheology and aggregation behaviour of TEMPO-oxidised cellulose nanofibrils aqueous suspensions by addition of different acids. Carbohydrate Polymers, 2020, 237, 116109.	5.1	39
5	A comprehensive study on nanocelluloses in papermaking: the influence of common additives on filler retention and paper strength. Cellulose, 2020, 27, 5297-5309.	2.4	16
6	Enzymatic nanocellulose in papermaking â€“ The key role as filler flocculant and strengthening agent. Carbohydrate Polymers, 2019, 224, 115200.	5.1	34
7	The relevance of the pretreatment on the chemical modification of cellulosic fibers. Cellulose, 2019, 26, 5925-5936.	2.4	30
8	Carboxymethylated cellulose nanofibrils in papermaking: influence on filler retention and paper properties. Cellulose, 2019, 26, 3489-3502.	2.4	29
9	Evaluating the genotoxicity of cellulose nanofibrils in a co-culture of human lung epithelial cells and monocyte-derived macrophages. Toxicology Letters, 2018, 291, 173-183.	0.4	39
10	Cationic cellulosic derivatives as flocculants in papermaking. Cellulose, 2017, 24, 3015-3027.	2.4	31
11	Influence of TEMPO-oxidised cellulose nanofibrils on the properties of filler-containing papers. Cellulose, 2017, 24, 349-362.	2.4	49
12	Papermaking trials in a pilot paper machine with a new silica coated PCC filler. Nordic Pulp and Paper Research Journal, 2016, 31, 341-346.	0.3	2
13	Surface properties of calcium carbonate modified with silica by sol-gel method. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 497, 1-7.	2.3	9
14	Improving Paper Mechanical Properties Using Silica-modified Ground Calcium Carbonate as Filler. BioResources, 2015, 10, .	0.5	17
15	Surface properties of distinct nanofibrillated celluloses assessed by inverse gas chromatography. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 469, 36-41.	2.3	19
16	On the morphology of cellulose nanofibrils obtained by TEMPO-mediated oxidation and mechanical treatment. Micron, 2015, 72, 28-33.	1.1	72
17	Precipitated calcium carbonate modified by the layer-by-layer deposition methodâ€”Its potential as papermaking filler. Chemical Engineering Research and Design, 2015, 104, 807-813.	2.7	8
18	Modification of precipitated calcium carbonate with cellulose esters and use as filler in papermaking. Chemical Engineering Research and Design, 2014, 92, 2425-2430.	2.7	30

#	Article	IF	Citations
19	Increase of the filler content in papermaking by using a silica-coated PCC filler. Nordic Pulp and Paper Research Journal, 2014, 29, 240-245.	0.3	25
20	Evaluation of Silica-Coated PCC as New Modified Filler for Papermaking. Industrial & Engineering Chemistry Research, 2013, 52, 5095-5099.	1.8	30
21	New modified filler obtained by silica formed by solâ€“gel method on calcium carbonate. Journal of Sol-Gel Science and Technology, 2011, 59, 25-31.	1.1	25