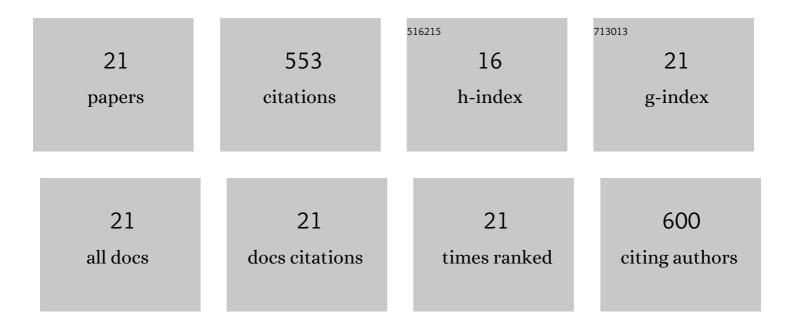
## Ana F Lourenço

List of Publications by Year in descending order

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| #  | 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<br>properties of lignocellulosic nanofibers. International Journal of Biological Macromolecules, 2020,<br>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 – The key role as filler flocculant and strengthening agent.<br>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.<br>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<br>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.<br>BioResources, 2015, 10, .   | 0.5 | 17        |
| 15 | Surface properties of distinct nanofibrillated celluloses assessed by inverse gas chromatography.<br>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 method—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.<br>Chemical Engineering Research and Design, 2014, 92, 2425-2430.   | 2.7 | 30        |

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