Cristina Campano Tiedra

List of Publications by Year
in descending order

18	782	566801 15	887659 17
papers	citations	h-index	g-index

18	18	18	895
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhancement of the fermentation process and properties of bacterial cellulose: a review. Cellulose, 2016, 23, 57-91.	2.4	197
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	Mechanical and chemical dispersion of nanocelluloses to improve their reinforcing effect on recycled paper. Cellulose, 2018, 25, 269-280.	2.4	52
5	Direct production of cellulose nanocrystals from old newspapers and recycled newsprint. Carbohydrate Polymers, 2017, 173, 489-496.	5.1	44
6	Low-fibrillated bacterial cellulose nanofibers as a sustainable additive to enhance recycled paper quality. International Journal of Biological Macromolecules, 2018, 114, 1077-1083.	3.6	38
7	A reproducible method to characterize the bulk morphology of cellulose nanocrystals and nanofibers by transmission electron microscopy. Cellulose, 2020, 27, 4871-4887.	2.4	33
8	Critical comparison of the properties of cellulose nanofibers produced from softwood and hardwood through enzymatic, chemical and mechanical processes. International Journal of Biological Macromolecules, 2022, 205, 220-230.	3.6	31
9	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
10	Tuning morphology and structure of non-woody nanocellulose: Ranging between nanofibers and nanocrystals. Industrial Crops and Products, 2021, 171, 113877.	2.5	28
11	Hairy cationic nanocrystalline cellulose as a novel flocculant of clay. Journal of Colloid and Interface Science, 2019, 545, 153-161.	5.0	23
12	In situ production of bacterial cellulose to economically improve recycled paper properties. International Journal of Biological Macromolecules, 2018, 118, 1532-1541.	3.6	22
13	In-depth characterization of the aggregation state of cellulose nanocrystals through analysis of transmission electron microscopy images. Carbohydrate Polymers, 2021, 254, 117271.	5.1	20
14	Enhanced Morphological Characterization of Cellulose Nano/Microfibers through Image Skeleton Analysis. Nanomaterials, 2021, 11, 2077.	1.9	18
15	Correlation between rheological measurements and morphological features of lignocellulosic micro/nanofibers from different softwood sources. International Journal of Biological Macromolecules, 2021, 187, 789-799.	3.6	17
16	Microalgae harvesting with the novel flocculant hairy cationic nanocrystalline cellulose. Colloids and Surfaces B: Biointerfaces, 2019, 178, 329-336.	2.5	16
17	When microbial biotechnology meets material engineering. Microbial Biotechnology, 2022, 15, 149-163.	2.0	13
18	Hairy cationic nanocrystalline cellulose as retention additive in recycled paper. Cellulose, 2019, 26, 6275-6289.	2.4	10