

List of Publications by Year in
Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22 papers	463 citations	10 h-index	21 g-index
24 ext. papers	576 ext. citations	6.1 avg, IF	3.77 L-index

#	Paper	IF	Citations
22	An integrative cellulose-based composite material with controllable structure and properties for solar-driven water evaporation. <i>Cellulose</i> , 2022 , 29, 2461	5.5	0
21	Correlation between the powder characteristics and particle morphology of microcrystalline cellulose (MCC) and its tablet application performance. <i>Powder Technology</i> , 2022 , 399, 117194	5.2	0
20	On the Design of Novel Biofoams Using Lignin, Wheat Straw, and Sugar Beet Pulp as Precursor Material. <i>ACS Omega</i> , 2020 , 5, 17078-17089	3.9	5
19	Using fractal dimension and shape factors to characterize the microcrystalline cellulose (MCC) particle morphology and powder flowability. <i>Powder Technology</i> , 2020 , 364, 241-250	5.2	13
18	On the Synthesis and Characterization of Polylactic Acid, Polyhydroxyalkanoate, Cellulose Acetate, and Their Engineered Blends by Solvent Casting. <i>Journal of Materials Engineering and Performance</i> , 2020 , 29, 5542-5556	1.6	7
17	Wheat straw components fractionation, with efficient delignification, by hydrothermal treatment followed by facilitated ethanol extraction. <i>Bioresource Technology</i> , 2020 , 316, 123882	11	3
16	Effects of acid hydrolysis waste liquid recycle on preparation of microcrystalline cellulose. <i>Green Processing and Synthesis</i> , 2019 , 8, 348-354	3.9	2
15	Morphological changes of lignin during separation of wheat straw components by the hydrothermal-ethanol method. <i>Bioresource Technology</i> , 2019 , 294, 122157	11	10
14	Control of structure and properties of cellulose nanofibrils (CNF)-based foam materials by using ethanol additives prior to freeze-drying. <i>Wood Science and Technology</i> , 2019 , 53, 837-854	2.5	3
13	Pore structure and pertinent physical properties of nanofibrillated cellulose (NFC)-based foam materials. <i>Carbohydrate Polymers</i> , 2018 , 201, 141-150	10.3	9
12	Recent Progress on Oxygen Delignification of Softwood Kraft Pulp 2018 , 67-97		3
11	Foam materials with controllable pore structure prepared from nanofibrillated cellulose with addition of alcohols. <i>Industrial Crops and Products</i> , 2018 , 125, 314-322	5.9	8
10	Microbial treatment of industrial lignin: Successes, problems and challenges. <i>Renewable and Sustainable Energy Reviews</i> , 2017 , 77, 1179-1205	16.2	61
9	Fungal Biotransformation of Insoluble Kraft Lignin into a Water Soluble Polymer. <i>Industrial & Engineering Chemistry Research</i> , 2017 , 56, 6103-6113	3.9	11
8	Production of lignin based insoluble polymers (anionic hydrogels) by <i>C. versicolor</i> . <i>Scientific Reports</i> , 2017 , 7, 17507	4.9	14
7	Synthesis and Tribological Behavior of Ultra High Molecular Weight Polyethylene (UHMWPE)-Lignin Composites. <i>Lubricants</i> , 2016 , 4, 31	3.1	1
6	Biodegradation of lignin by fungi, bacteria and laccases. <i>Bioresource Technology</i> , 2016 , 220, 414-424	11	68

5	Kenaf biomass biodecomposition by basidiomycetes and actinobacteria in submerged fermentation for production of carbohydrates and phenolic compounds. <i>Bioresource Technology</i> , 2014 , 173, 352-360	11	16
4	Determining the kinetics of sunflower hulls using dilute acid pretreatment in the production of xylose and furfural. <i>Green Processing and Synthesis</i> , 2014 , 3,	3.9	3
3	Converting forage sorghum and sunn hemp into biofuels through dilute acid pretreatment. <i>Industrial Crops and Products</i> , 2013 , 49, 598-609	5.9	43
2	Recent Development in Chemical Depolymerization of Lignin: A Review. <i>Hindawi Journal of Chemistry</i> , 2013 , 2013, 1-9		158
1	Pretreatment and Enzymatic Hydrolysis of Kenaf as a Potential Source for Lignocellulosic Biofuel and Green Chemicals. <i>Current Organic Chemistry</i> , 2013 , 17, 1624-1632	1.7	5