

Yun Ji

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

670
citations

777949

13
h-index

721071

23
g-index

24
all docs

24
docs citations

24
times ranked

1284
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Development in Chemical Depolymerization of Lignin: A Review. <i>Hindawi Journal of Chemistry</i> , 2013, 2013, 1-9.	1.6	189
2	Biodegradation of lignin by fungi, bacteria and laccases. <i>Bioresource Technology</i> , 2016, 220, 414-424.	4.8	90
3	Microbial treatment of industrial lignin: Successes, problems and challenges. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 77, 1179-1205.	8.2	85
4	Converting forage sorghum and sunn hemp into biofuels through dilute acid pretreatment. <i>Industrial Crops and Products</i> , 2013, 49, 598-609.	2.5	49
5	Metals in the Environment: Toxic Metals Removal. <i>Bioinorganic Chemistry and Applications</i> , 2017, 2017, 1-2.	1.8	29
6	Morphological changes of lignin during separation of wheat straw components by the hydrothermal-ethanol method. <i>Bioresource Technology</i> , 2019, 294, 122157.	4.8	26
7	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.	2.1	25
8	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.	4.8	20
9	Fungal Biotransformation of Insoluble Kraft Lignin into a Water Soluble Polymer. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 6103-6113.	1.8	20
10	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.	1.2	18
11	Production of lignin based insoluble polymers (anionic hydrogels) by <i>C. versicolor</i> . <i>Scientific Reports</i> , 2017, 7, 17507.	1.6	16
12	Pore structure and pertinent physical properties of nanofibrillated cellulose (NFC)-based foam materials. <i>Carbohydrate Polymers</i> , 2018, 201, 141-150.	5.1	15
13	Correlation between the powder characteristics and particle morphology of microcrystalline cellulose (MCC) and its tablet application performance. <i>Powder Technology</i> , 2022, 399, 117194.	2.1	15
14	Wheat straw components fractionation, with efficient delignification, by hydrothermal treatment followed by facilitated ethanol extraction. <i>Bioresource Technology</i> , 2020, 316, 123882.	4.8	13
15	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.	1.6	13
16	Foam materials with controllable pore structure prepared from nanofibrillated cellulose with addition of alcohols. <i>Industrial Crops and Products</i> , 2018, 125, 314-322.	2.5	12
17	An integrative cellulose-based composite material with controllable structure and properties for solar-driven water evaporation. <i>Cellulose</i> , 2022, 29, 2461-2477.	2.4	10
18	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.	0.9	5

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19	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, .	1.3	4
20	Effects of acid hydrolysis waste liquid recycle on preparation of microcrystalline cellulose. <i>Green Processing and Synthesis</i> , 2019, 8, 348-354.	1.3	4
21	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.	1.4	3
22	Exploration of solvent casting for designing engineered microstructures for biomedical and functional applications. <i>Journal of the American Ceramic Society</i> , 2022, 105, 1864-1881.	1.9	3
23	Synthesis and Tribological Behavior of Ultra High Molecular Weight Polyethylene (UHMWPE)-Lignin Composites. <i>Lubricants</i> , 2016, 4, 31.	1.2	2