

# Yan Jiang

## List of Publications by Year in descending order

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10  
papers

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citations

1040056

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1372567

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Cationic Lignocellulose Nanofibers from Agricultural Waste as High-Performing Adsorbents for the Removal of Dissolved and Colloidal Substances. <i>Polymers</i> , 2022, 14, 910.	4.5	7
2	Highly efficient and selective modification of lignin towards optically designable and multifunctional lignocellulose nanopaper for green light-management applications. <i>International Journal of Biological Macromolecules</i> , 2022, 206, 264-276.	7.5	19
3	Fractionation of Poplar Wood Using a Bifunctional Aromatic Acid under Mild Conditions. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 5364-5376.	6.7	20
4	Highly Transparent, UV-Shielding, and Water-Resistant Lignocellulose Nanopaper from Agro-Industrial Waste for Green Optoelectronics. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 17508-17519.	6.7	34
5	Tuning of size and properties of cellulose nanofibers isolated from sugarcane bagasse by endoglucanase-assisted mechanical grinding. <i>Industrial Crops and Products</i> , 2020, 146, 112201.	5.2	28
6	A bio-mechanical process for cellulose nanofiber production “Towards a greener and energy conservation solution. <i>Carbohydrate Polymers</i> , 2019, 208, 191-199.	10.2	43
7	Effects of residual lignin on composition, structure and properties of mechanically defibrillated cellulose fibrils and films. <i>Cellulose</i> , 2019, 26, 1577-1593.	4.9	60
8	Effects of residual lignin on mechanical defibrillation process of cellulosic fiber for producing lignocellulose nanofibrils. <i>Cellulose</i> , 2018, 25, 6479-6494.	4.9	46
9	Enzyme-assisted mechanical grinding for cellulose nanofibers from bagasse: energy consumption and nanofiber characteristics. <i>Cellulose</i> , 2018, 25, 7065-7078.	4.9	40
10	Surface characterization and chemical analysis of bamboo substrates pretreated by alkali hydrogen peroxide. <i>Bioresource Technology</i> , 2016, 216, 1098-1101.	9.6	59