

Menghua Qin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Characterisation of cellulose films regenerated from acetone/water coagulants. <i>Carbohydrate Polymers</i> , 2014, 102, 438-444.	10.2	46
2	Fabrication of cellulose self-assemblies and high-strength ordered cellulose films. <i>Carbohydrate Polymers</i> , 2015, 117, 414-421.	10.2	32
3	Specific lignin precipitation for oligosaccharides recovery from hot water wood extract. <i>Bioresource Technology</i> , 2014, 152, 31-37.	9.6	27
4	Selective removal of phenolic lignin derivatives enables sugars recovery from wood prehydrolysis liquor with remarkable yield. <i>Bioresource Technology</i> , 2014, 174, 198-203.	9.6	24
5	One-Step Fractionation of the Main Components of Bamboo by Formic Acid-based Organosolv Process Under Pressure. <i>Journal of Wood Chemistry and Technology</i> , 2018, 38, 170-182.	1.7	22
6	Cross-linkage effect of cellulose/laponite hybrids in aqueous dispersions and solid films. <i>Carbohydrate Polymers</i> , 2014, 102, 431-437.	10.2	20
7	Recycling of pre-hydrolysis liquor to improve the concentrations of hemicellulosic saccharides during water pre-hydrolysis of aspen woodchips. <i>Carbohydrate Polymers</i> , 2017, 174, 385-391.	10.2	16
8	Colloidal behaviors of lignin contaminants: Destabilization and elimination for oligosaccharides separation from wood hydrolysate. <i>Separation and Purification Technology</i> , 2015, 145, 1-7.	7.9	15
9	Fractionation and characterization of saccharides and lignin components in wood prehydrolysis liquor from dissolving pulp production. <i>Carbohydrate Polymers</i> , 2015, 126, 185-191.	10.2	15
10	Lipophilic Extractives in <i>Populus Æ— euramericana</i> and <i>Guariento</i> Stemwood and Bark. <i>Journal of Wood Chemistry and Technology</i> , 2010, 30, 105-117.	1.7	14
11	Improving the hydrogen peroxide bleaching efficiency of aspen chemithermomechanical pulp by using chitosan. <i>Carbohydrate Polymers</i> , 2015, 132, 430-436.	10.2	14
12	Saccharide separation from wood prehydrolysis liquor: comparison of selectivity toward non-saccharide compounds with separate techniques. <i>RSC Advances</i> , 2015, 5, 28925-28931.	3.6	14
13	Improving lignin removal from pre-hydrolysis liquor by horseradish peroxidase-catalyzed polymerization. <i>Separation and Purification Technology</i> , 2019, 212, 273-279.	7.9	13
14	Limited adsorption selectivity of active carbon toward non-saccharide compounds in lignocellulose hydrolysate. <i>Bioresource Technology</i> , 2016, 208, 195-199.	9.6	11
15	Enhancement of colloidal particle and lignin removal from pre-hydrolysis liquor of aspen by a combination of pectinase and cationic polymer treatment. <i>Separation and Purification Technology</i> , 2018, 199, 78-83.	7.9	11
16	Separation and purification of hemicellulose-derived saccharides from wood hydrolysate by combined process. <i>Bioresource Technology</i> , 2015, 196, 426-430.	9.6	9
17	Facile fractionation of bamboo hydrolysate and characterization of isolated lignin and lignin-carbohydrate complexes. <i>Holzforschung</i> , 2021, 75, 399-408.	1.9	5
18	A facile approach to cellulose/multi-walled carbon nanotube gels Structure, formation process and adsorption to methylene blue. <i>International Journal of Biological Macromolecules</i> , 2022, 217, 417-427.	7.5	3