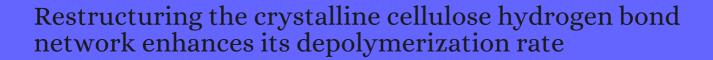
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#	Paper	IF	Citations
295	Thermobifida fusca Cellulases Exhibit Increased EndoExo Synergistic Activity, but Lower Exocellulase Activity, on Cellulose-III.		
294	Exploring new strategies for cellulosic biofuels production. <b>2011</b> , 4, 3820		74
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291	Insights into hydrogen bonding and stacking interactions in cellulose. <b>2011</b> , 115, 14191-202		99
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196 195 194 193	Effect of alkaline ultrasonic pretreatment on crystalline morphology and enzymatic hydrolysis of cellulose. <i>Cellulose</i> , <b>2016</b> , 23, 1725-1740  Progressive deconstruction of Arundo donax Linn. to fermentable sugars by acid catalyzed ionic liquid pretreatment. <i>Bioresource Technology</i> , <b>2016</b> , 199, 271-274  Dual effects of dimethylsulfoxide on cellulose solvating ability of 1-allyl-3-methylimidazolium chloride. <i>Cellulose</i> , <b>2016</b> , 23, 1165-1175  Isolation and characterization of new lignin streams derived from extractive-ammonia (EA) pretreatment. <i>Green Chemistry</i> , <b>2016</b> , 18, 4205-4215  Molecular Interactions in an Echitin/Hydrazine Complex: Dynamic Hydrogen Bonds and	5.5 11 5.5	40 13 17 57
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139	Use of Ginger Nanofibers for the Preparation of Cellulose Nanocomposites and Their Antimicrobial Activities. <b>2018</b> , 6, 79		23
138	Association mapping, transcriptomics, and transient expression identify candidate genes mediating plant-pathogen interactions in a tree. <b>2018</b> , 115, 11573-11578		33
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134	Physico-chemical oxidative cleavage strategy facilitates the degradation of recalcitrant crystalline cellulose by cellulases hydrolysis. <b>2018</b> , 11, 16		6
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130	Stepwise pretreatment of aqueous ammonia and ethylenediamine improve enzymatic hydrolysis of corn stover. <i>Industrial Crops and Products</i> , <b>2018</b> , 124, 201-208	5.9	14
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124	New dual functionalized zwitterions and ionic liquids; Synthesis and cellulose dissolution studies. <b>2019</b> , 292, 111353		13
123	Unique Properties and Behavior of Nonmercerized Type-II Cellulose Nanocrystals as Carbon Nanotube Biocompatible Dispersants. <b>2019</b> , 20, 3147-3160		18
122	Swelling by Hydrochloric Acid Partially Retains Cellulose-I Type Allomorphic Ultrastructure But Enhances Susceptibility toward Cellulase Hydrolysis Such as Highly Amorphous Cellulose. <b>2019</b> , 69-88		O
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119	Comparison and intrinsic correlation analysis based on composition, microstructure and enzymatic hydrolysis of corn stover after different types of pretreatments. <i>Bioresource Technology</i> , <b>2019</b> , 293, 122	d16	20
118	Dissolution of cellulose in novel carboxylate-based ionic liquids and dimethyl sulfoxide mixed solvents. <b>2019</b> , 113, 89-97		25
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114	Development of Diallylimidazolium Methoxyacetate/DMSO (DMF/DMA) Solvents for Improving Cellulose Dissolution and Fabricating Porous Material. <b>2019</b> , 11,		11
113	Cellulose hydrolysis by Clostridium thermocellum is agnostic to substrate structural properties in contrast to fungal cellulases. <i>Green Chemistry</i> , <b>2019</b> , 21, 2810-2822	10	8
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109	Direct Z-scheme of Cu2O/TiO2 enhanced self-cleaning, antibacterial activity, and UV protection of cotton fiber under sunlight. <b>2019</b> , 479, 953-962		58
108	Effects of Extractive Ammonia Pretreatment on the Ultrastructure and Glycan Composition of Corn Stover. <b>2019</b> , 7,		9
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106	Cellulose Decomposition in Electrolytic Solution Using In-Liquid Plasma Method. <b>2019</b> , 98, 265-271		2
105	Elucidating Polymorph-Selective Bioadsorption on Chitin Surfaces. <b>2019</b> , 5, 594-602		3
104	Dissolution of cellulose in ionic liquid and water mixtures as revealed by molecular dynamics simulations. <b>2019</b> , 37, 3987-4005		16
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99	Fabrication and characterization of cellulose nanoparticles from maize stalk pith via ultrasonic-mediated cationic etherification. <b>2020</b> , 66, 104932		17

## (2020-2020)

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97	Molecular Dynamics Simulation of Cellulose I-Ethylenediamine Complex Crystal Models. <i>Journal of Physical Chemistry B</i> , <b>2020</b> , 124, 134-143	3.4	2
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