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Chemical, structural, and thermal characterizations of alkali-soluble lignins and hemicelluloses, and cellulose from maize stems, rye straw, and rice straw

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396	Isolation and Characterization of Cellulose Nanofibers from the Aquatic Weed Water Hyacinth: Eichhornia crassipes. <b>2015</b> , 37-46	2
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223	Optimization of Alkaline Pulp Extraction from Napier Grass Using Response Surface Methodology. <b>2019</b> , 268, 012051	1
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218	Isolation and physicochemical characterization of different lignin streams generated during the second-generation ethanol production process. <b>2019</b> , 129, 497-510	14
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212	Preparation of magnetic hydrogel microspheres of lignin derivate for application in water. <b>2019</b> , 685, 847-855	40
211	Characterization of hemicelluloses in Phyllostachys edulis (moso bamboo) culm during xylogenesis. <b>2019</b> , 221, 127-136	23
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202	Influence of Binders on Combustion Properties of Biomass Briquettes: A Recent Review. <b>2019</b> , 12, 241-259	36
201	Toughening and Strengthening Mechanisms in Bamboo from Atoms to Fibers. <b>2019</b> , 1-29	1
200	Assessment of cellulose in bark fibers of Thespesia populnea: Influence of stem maturity on fiber characterization. <b>2019</b> , 212, 439-449	23
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197	Zirconiumlgnosulfonate polyphenolic polymer for highly efficient hydrogen transfer of biomass-derived oxygenates under mild conditions. <b>2019</b> , 248, 31-43	62

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196	Liquor re-use strategy in lignocellulosic biomass fractionation with ethanol-water mixtures. <b>2019</b> , 280, 396-403	11
195	Preparation and Characterization of Lignin-Containing Cellulose Nanofibril from Poplar High-Yield Pulp via TEMPO-Mediated Oxidation and Homogenization. <b>2019</b> , 7, 6131-6139	47
194	Characterization of hemicelluloses from leaves and tops of the CC 8475, CC 8592, and V 7151 varieties of sugarcane (Saccharum officinarum L. <b>2019</b> , 86, 98-107	4
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185	Comparative study of hemicelluloses from Hybrid Pennisetum via a green and clean integrated process. <b>2019</b> , 205, 135-142	13
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182	Deconstruction of Pine Wood (Pinus sylvestris) Recalcitrant Structure Using Alkali Treatment for Enhancing Enzymatic Saccharification Evaluated by Congo Red. <b>2020</b> , 11, 1755-1764	2
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46	Optimization of Fibre Extraction and Properties for Bio-Composite Applications Using Desirability Function Analysis <b>2022</b> , 14,	1
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