

Pretreatment of lignocellulosic wastes for biofuel production

Renewable and Sustainable Energy Reviews  
90, 877-891

DOI: [10.1016/j.rser.2018.03.111](https://doi.org/10.1016/j.rser.2018.03.111)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Pretreatment of Lignocellulosic Materials as Substrates for Fermentation Processes. <i>Molecules</i> , 2018, 23, 2937.	3.8	345
2	Recent Trends in the Pretreatment of Lignocellulosic Biomass for Value-Added Products. <i>Frontiers in Energy Research</i> , 2018, 6, .	2.3	622
3	Biobutanol production from coffee silverskin. <i>Microbial Cell Factories</i> , 2018, 17, 154.	4.0	38
4	Comparing the Biomass Yield and Biogas Potential of <i>Phragmites australis</i> with <i>Miscanthus x giganteus</i> and <i>Panicum virgatum</i> Grown in Canada. <i>Energies</i> , 2018, 11, 2198.	3.1	18
5	Effective Concentration of Ionic Liquids for Enhanced Saccharification of Cellulose. <i>ChemEngineering</i> , 2018, 2, 47.	2.4	5
6	Production, purification and characterization of an acid/alkali and thermo tolerant cellulase from <i>Schizophyllum commune</i> NAIMCC-F-03379 and its application in hydrolysis of lignocellulosic wastes. <i>AMB Express</i> , 2018, 8, 173.	3.0	66
7	Valorization of food waste based on its composition through the concept of biorefinery. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2018, 14, 67-79.	5.9	91
8	Food waste enhanced anaerobic digestion of biologically pretreated yard waste: Analysis of cellulose crystallinity and microbial communities. <i>Waste Management</i> , 2018, 79, 109-119.	7.4	41
9	Alkaline organosolv pretreatment of corn stover for enhancing the enzymatic digestibility. <i>Bioresource Technology</i> , 2018, 265, 464-470.	9.6	86
10	Optimizing key factors for biomethane production from KOH-pretreated switchgrass by response surface methodology. <i>Environmental Science and Pollution Research</i> , 2019, 26, 25084-25091.	5.3	8
11	Selective deconstruction of hemicellulose and lignin with producing derivatives by sequential pretreatment process for biorefining concept. <i>Bioresource Technology</i> , 2019, 291, 121913.	9.6	35
12	Recent trends in hyperthermophilic enzymes production and future perspectives for biofuel industry: A critical review. <i>Journal of Cleaner Production</i> , 2019, 238, 117925.	9.3	64
13	Methanolysis Fractionation and Catalytic Conversion of Poplar Wood toward Methyl Levulinate, Phenolics, and Glucose. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 9840-9850.	5.2	7
14	Choosing Physical, Physicochemical and Chemical Methods of Pre-Treating Lignocellulosic Wastes to Repurpose into Solid Fuels. <i>Sustainability</i> , 2019, 11, 3604.	3.2	43
15	Pretreatment of rice straw using microwave assisted FeCl <sub>3</sub> -H <sub>3</sub> PO <sub>4</sub> system for ethanol and oligosaccharides generation. <i>Bioresource Technology Reports</i> , 2019, 7, 100295.	2.7	24
16	A two-stage pretreatment using dilute sodium hydroxide solution followed by an ionic liquid at low temperatures: Toward construction of lignin-first biomass pretreatment. <i>Bioresource Technology Reports</i> , 2019, 7, 100286.	2.7	11
17	Insight into Pretreatment Methods of Lignocellulosic Biomass to Increase Biogas Yield: Current State, Challenges, and Opportunities. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3721.	2.5	144
18	Overcoming lignocellulose-derived microbial inhibitors: advancing the <i>Saccharomyces cerevisiae</i> resistance toolbox. <i>Biofuels, Bioproducts and Biorefining</i> , 2019, 13, 1520-1536.	3.7	36

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20	Microbial Responses to Different Operating Practices for Biogas Production Systems. , 0, , .		40
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38	A perspective on galactose-based fermentative hydrogen production from macroalgal biomass: Trends and opportunities. Bioresource Technology, 2019, 280, 447-458.	9.6	36
39	Factorial Analysis on Nitric Acid Pretreatment of Oil Palm Frond Bagasse for Xylan Recovery. Materials Today: Proceedings, 2019, 19, 1189-1198.	1.8	3
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