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Integration in a depot-based decentralized biorefinery system: Corn stover-based cellulosic biofuel

DOI: 10.1111/gcbb.12613
GCB Bioenergy, 2019, 11, 871-882.

Source: <https://exaly.com/paper-pdf/73545818/citation-report.pdf>

Version: 2024-04-27

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#	Paper	IF	Citations
20	Effects of Extractive Ammonia Pretreatment on the Ultrastructure and Glycan Composition of Corn Stover. <i>Frontiers in Energy Research</i> , 2019 , 7,	3.8	9
19	Impacts of uncertain feedstock quality on the economic feasibility of fast pyrolysis biorefineries with blended feedstocks and decentralized preprocessing sites in the Southeastern United States. <i>GCB Bioenergy</i> , 2020 , 12, 1014-1029	5.6	8
18	Outlook on biofuels in future studies: A systematic literature review. <i>Renewable and Sustainable Energy Reviews</i> , 2020 , 134, 110326	16.2	46
17	Carbon-Negative Biofuel Production. <i>Environmental Science & Technology</i> , 2020 , 54, 10797-10807	10.3	13
16	Biorefinery concept comprising acid hydrolysis, dark fermentation, and anaerobic digestion for co-processing of fruit and vegetable wastes and corn stover. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 28585-28596	5.1	15
15	Deciphering the initial products of coal during methanogenic bioconversion: Based on an untargeted metabolomics approach. <i>GCB Bioenergy</i> , 2021 , 13, 967-978	5.6	2
14	Dynamic life-cycle carbon analysis for fast pyrolysis biofuel produced from pine residues: implications of carbon temporal effects. <i>Biotechnology for Biofuels</i> , 2021 , 14, 191	7.8	1
13	Economic, energetic, and environmental analysis of lignocellulosic biorefineries with carbon capture. <i>Applied Energy</i> , 2021 , 302, 117539	10.7	4
12	Supply chain configuration of sustainable aviation fuel: Review, challenges, and pathways for including environmental and social benefits. <i>Renewable and Sustainable Energy Reviews</i> , 2021 , 152, 111680	16.2	3
11	A review on the role of pretreatment technologies in the hydrolysis of lignocellulosic biomass of corn stover. <i>Biomass and Bioenergy</i> , 2021 , 155, 106276	5.3	9
10	Using Incremental Changes to Convert Lignocellulosic Feedstocks to Cellulosic Ethanol. <i>Frontiers in Energy Research</i> , 2022 , 10,	3.8	0
9	Development of an ammonia pretreatment that creates synergies between biorefineries and advanced biomass logistics models. <i>Green Chemistry</i> ,	10	0
8	Image_1.JPEG. 2019 ,		
7	Coupling AFEX and Steam-exploded sugarcane residue pellets with a room temperature CIII-activation step lowered enzyme dosage requirements for sugar conversion. <i>Chemical Engineering Journal</i> , 2022 , 137117	14.7	
6	Analysis of alternative bioenergy with carbon capture strategies: present and future. <i>Energy and Environmental Science</i> ,	35.4	0
5	Biofuel Production Technologies [An Overview. 2022 , 75-97		
4	An Integrated Assessment of GIS-MCA with Logistics Analysis for an Assessment of a Potential Decentralized Bioethanol Production System Using Distributed Agricultural Residues in Thailand. 2022 , 14, 9885		1

- 3 Sustainability assessment of a decentralized green diesel production in small-scale biorefineries. ○
- 2 Fossil Fuel and Biofuel Boilers in Ukraine: Trends of Changes in Levelized Cost of Heat. **2022**, 15, 7215 ○
- 1 Global warming intensity of biofuel derived from switchgrass grown on marginal land in Michigan. ○