A critical review on prospects of bio-refinery products f biomasses

Chemical Engineering Journal 448, 137677 DOI: 10.1016/j.cej.2022.137677

Citation Report

#	Article	IF	Citations
1	Priorities in Bioeconomy Strategies: A Systematic Literature Review. Energies, 2022, 15, 7258.	1.6	12
2	Sustainable strategies for anaerobic digestion of oil palm empty fruit bunches in Indonesia: a review. International Journal of Sustainable Energy, 2022, 41, 2044-2096.	1.3	7
3	Carbon credit reduction: A techno-economic analysis of "drop-in―fuel production. Environmental Pollution, 2023, 316, 120507.	3.7	7
4	Relay photo/thermal catalysis enables efficient cascade upgrading of sugars to lactic acid: Mechanism study and life cycle assessment. Chemical Engineering Journal, 2023, 452, 139687.	6.6	15
5	Photobiological effects of converting biomass into hydrogen – Challenges and prospects. Bioresource Technology, 2023, 367, 128278.	4.8	4
6	Innovative strategies in algal biomass pretreatment for biohydrogen production. Bioresource Technology, 2023, 369, 128446.	4.8	8
7	Review of microwave pyrolysis of sludge to produce high quality biogas: Multi-perspectives process optimization and critical issues proposal. Renewable and Sustainable Energy Reviews, 2023, 173, 113107.	8.2	14
8	Recent Advancements in Agricultural Residue Valorisation into Bio-Products. Sustainable Development and Biodiversity, 2023, , 523-542.	1.4	0
9	Recent advances and challenges in the utilization of nanomaterials in transesterification for biodiesel production. Heliyon, 2023, 9, e15475.	1.4	9
10	A comprehensive overview of the continuous torrefaction method: Operational characteristics, applications, and challenges. Journal of the Energy Institute, 2023, 108, 101199.	2.7	6
11	Circular Economy and Green Chemistry: The Need for Radical Innovative Approaches in the Design for New Products. Energies, 2023, 16, 1752.	1.6	31
12	Application of machine learning technologies in biodiesel production process—A review. Frontiers in Energy Research, 0, 11, .	1.2	3
13	Frontier of digitalization in Biomass-to-X supply chain: opportunity or threats?. Journal of Bioresources and Bioproducts, 2023, 8, 101-107.	11.8	1
14	Sequential bioprocessing of tomato waste-a biorefinery approach. , 2023, , 121-138.		0
15	Bioleaching and biosorption of waste: Approaches and utilization. , 2023, , 331-355.		1
16	Cow farm wastes: A bioresource for sustainable development. , 2023, , 411-429.		0
17	Valorization of water hyacinth: A sustainable route for bioenergy generation and other value-added products. , 2023, , 1-30.		0
18	Biodegradation of plastic materials with biotechnological approaches. , 2023, , 467-480.		0

ITATION REDOD

IF ARTICLE CITATIONS # Integrated techno-economic and environmental assessment of biorefineries: review and future 20 2.5 3 research directions. Sustainable Energy and Fuels, 2023, 7, 4031-4050. Upstream and downstream processing of microalgae-based processes for simultaneous wastewater treatment and pigment production. , 2023, , 529-554. Opportunities and Challenges of Harnessing Biomass Wastes for Decentralized Heat and Energy 27 0 Generation and Climate Mitigation via Fluidized-bed Gasification Pathway., 0,, . Adsorptive separation of saccharides and polyols over materials functionalized with boronate group's. Green Chemistry, 0, , . Impact of COVID-19 on water quality and emerging unconventional detection method from water 35 0 bodies., 2024, , 179-207. Application of waste biomass for the production of biofuels and catalysts: a review. Clean Technologies and Environmental Policy, $0,\,,$. 2.1 Economics and environmental aspects of the electrodeionization technique., 2024, , 235-251. 38 0 Using Bioprocesses and Biosystems for Environmental Protection, Microbial Detection, and Prevention in the Food Industry., 2024, , 273-296.

CITATION REPORT