

Safoora Mirmohamadsadeghi

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,126
citations

567144

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times ranked

1255
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive review on recent biological innovations to improve biogas production, Part 1: Upstream strategies. <i>Renewable Energy</i> , 2020, 146, 1204-1220.	4.3	185
2	A comprehensive review on recent biological innovations to improve biogas production, Part 2: Mainstream and downstream strategies. <i>Renewable Energy</i> , 2020, 146, 1392-1407.	4.3	144
3	Pretreatment of lignocelluloses for enhanced biogas production: A review on influencing mechanisms and the importance of microbial diversity. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 135, 110173.	8.2	128
4	Biogas production from food wastes: A review on recent developments and future perspectives. <i>Bioresource Technology Reports</i> , 2019, 7, 100202.	1.5	110
5	Hydrothermal pretreatment of safflower straw to enhance biogas production. <i>Energy</i> , 2019, 172, 545-554.	4.5	82
6	Enhanced Solid-State Biogas Production from Lignocellulosic Biomass by Organosolv Pretreatment. <i>BioMed Research International</i> , 2014, 2014, 1-6.	0.9	69
7	Enhancing energy production from waste textile by hydrolysis of synthetic parts. <i>Fuel</i> , 2018, 218, 41-48.	3.4	63
8	Reducing biomass recalcitrance via mild sodium carbonate pretreatment. <i>Bioresource Technology</i> , 2016, 209, 386-390.	4.8	60
9	High titer ethanol production from rice straw via solid-state simultaneous saccharification and fermentation by <i>Mucor indicus</i> at low enzyme loading. <i>Energy Conversion and Management</i> , 2019, 182, 520-529.	4.4	46
10	Improvement of dry simultaneous saccharification and fermentation of rice straw to high concentration ethanol by sodium carbonate pretreatment. <i>Energy</i> , 2019, 167, 654-660.	4.5	40
11	An efficient method for clay modification and its application for phenol removal from wastewater. <i>Applied Clay Science</i> , 2012, 59-60, 8-12.	2.6	35
12	Bioenergy production from sweet sorghum stalks via a biorefinery perspective. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 3425-3438.	1.7	25
13	Improvement of Solid-State Biogas Production from Wood by Concentrated Phosphoric Acid Pretreatment. <i>BioResources</i> , 2016, 11, .	0.5	23
14	Biorefinery development based on whole safflower plant. <i>Renewable Energy</i> , 2020, 152, 399-408.	4.3	23
15	High efficient ethanol production from corn stover by modified mild alkaline pretreatment. <i>Renewable Energy</i> , 2021, 170, 714-723.	4.3	22
16	An optimal biorefinery development for pectin and biofuels production from orange wastes without enzyme consumption. <i>Chemical Engineering Research and Design</i> , 2021, 152, 513-526.	2.7	14
17	Energy Recovery Together with Amorphous Nanosilica Production from Rice Straw via Dry Anaerobic Digestion. <i>BioResources</i> , 2017, 13, .	0.5	13
18	Recovery of silica from rice straw and husk. , 2020, , 411-433.		13

#	ARTICLE	IF	CITATIONS
19	Efficient ethanol production from rice straw through cellulose restructuring and high solids loading fermentation by <i>Mucor indicus</i> . <i>Journal of Cleaner Production</i> , 2022, 339, 130702.	4.6	9
20	Improved environmental and socio-economic impacts of ethanol production from rice straw. <i>Biomass Conversion and Biorefinery</i> , 2021, 11, 1909-1920.	2.9	8
21	Mesophilic aerobic digestion: An efficient and inexpensive biological pretreatment to improve biogas production from highly-recalcitrant pinewood. <i>Energy</i> , 2022, 239, 122361.	4.5	8
22	Modeling of High Concentration Ethanol Production by <i>Mucor hiemalis</i> . <i>Chemical Engineering and Technology</i> , 2015, 38, 1802-1808.	0.9	6
23	Ethanol Yield and Morphology Change of <i>Mucor indicus</i> in the Presence of Nickel Ions. <i>Journal of Biobased Materials and Bioenergy</i> , 2018, 12, 143-147.	0.1	0
24	Dry/Solid-State Fermentative Ethanol Production. , 2020, , 60-67.		0