

Ying Guo

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

616
citations

687363

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610901

24
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all docs

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26
times ranked

891
citing authors

#	ARTICLE	IF	CITATIONS
1	Medium optimization for ethanol production with <i>Clostridium autoethanogenum</i> with carbon monoxide as sole carbon source. <i>Bioresource Technology</i> , 2010, 101, 8784-8789.	9.6	76
2	Enhancement of high-solids enzymatic hydrolysis efficiency of alkali pretreated sugarcane bagasse at low cellulase dosage by fed-batch strategy based on optimized accessory enzymes and additives. <i>Bioresource Technology</i> , 2019, 292, 121993.	9.6	65
3	Cellulase deactivation based kinetic modeling of enzymatic hydrolysis of steam-exploded wheat straw. <i>Bioresource Technology</i> , 2010, 101, 8261-8266.	9.6	54
4	Low-temperature sodium hydroxide pretreatment for ethanol production from sugarcane bagasse without washing process. <i>Bioresource Technology</i> , 2019, 291, 121844.	9.6	53
5	Characterization of direct cellulase immobilization with superparamagnetic nanoparticles. <i>Biocatalysis and Biotransformation</i> , 2011, 29, 71-76.	2.0	44
6	Lignin prepared from different alkaline pretreated sugarcane bagasse and its effect on enzymatic hydrolysis. <i>International Journal of Biological Macromolecules</i> , 2019, 141, 484-492.	7.5	40
7	Microalgae pretreatment with liquid hot water to enhance enzymatic hydrolysis efficiency. <i>Bioresource Technology</i> , 2016, 220, 530-536.	9.6	34
8	Production of d -psicose from d -glucose by co-expression of d -psicose 3-epimerase and xylose isomerase. <i>Enzyme and Microbial Technology</i> , 2017, 105, 18-23.	3.2	32
9	Screening Solvents Based on Hansen Solubility Parameter Theory To Depolymerize Lignocellulosic Biomass Efficiently under Low Temperature. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 8678-8686.	6.7	31
10	Structural insights reveal the effective <i>Spirulina platensis</i> cell wall dissociation methods for multi-output recovery. <i>Bioresource Technology</i> , 2020, 300, 122628.	9.6	22
11	Engineered <i>Bacillus subtilis</i> harbouring gene of d-tagatose 3-epimerase for the bioconversion of d-fructose into d-psicose through fermentation. <i>Enzyme and Microbial Technology</i> , 2020, 136, 109531.	3.2	21
12	Biphasic fractionation of rice straw under mild condition in acidified 2-phenoxyethanol/water system. <i>Industrial Crops and Products</i> , 2020, 145, 112091.	5.2	20
13	A study of CO/syngas bioconversion by <i>Clostridium autoethanogenum</i> with a flexible gas-cultivation system. <i>Enzyme and Microbial Technology</i> , 2017, 101, 24-29.	3.2	18
14	Recycling of Black Liquor for Treating Sugarcane Bagasse at Low Temperature to Attain High Ethanol Production without Washing Step. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 17016-17021.	6.7	15
15	Kinetic study of lipase-catalyzed esterification of furoic acid to methyl-2-furoate. <i>Biochemical Engineering Journal</i> , 2020, 161, 107587.	3.6	15
16	Effects of simulated flue gas on components of <i>Scenedesmus raciborskii</i> WZKMT. <i>Bioresource Technology</i> , 2015, 190, 339-344.	9.6	11
17	A Novel Recyclable Alkaline Biphasic 2-Phenoxyethanol/Water System for Rice Straw Biorefinery under Mild Conditions. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 7649-7655.	6.7	11
18	Combining Michaelis-Menten theory and enzyme deactivation reactions for the kinetic study of enzymatic hydrolysis by different pretreated sugarcane bagasse. <i>Process Biochemistry</i> , 2021, 105, 72-78.	3.7	10

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19	Initial pH-driven production of volatile fatty acid from hybrid Pennisetum. <i>Bioresource Technology</i> , 2022, 347, 126426.	9.6	10
20	Production of C4 and C5 branched-chain alcohols by engineered <i>Escherichia coli</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2015, 42, 1473-1479.	3.0	8
21	The effect of enzyme loading, alcohol/acid ratio and temperature on the enzymatic esterification of levulinic acid with methanol for methyl levulinate production: a kinetic study. <i>RSC Advances</i> , 2021, 11, 15054-15059.	3.6	8
22	Improving β -glucosidase and xylanase production in a combination of waste substrate from domestic wastewater treatment system and agriculture residues. <i>Bioresource Technology</i> , 2020, 318, 124019.	9.6	6
23	Effect of Biochar Addition on the Microbial Community and Methane Production in the Rapid Degradation Process of Corn Straw. <i>Energies</i> , 2021, 14, 2223.	3.1	5
24	A Spatial Kinetic Model To Simulate Heat- and Mass-Transfer Transients within Biomass Particles during Hydrolysis. <i>Energy & Fuels</i> , 2018, 32, 8474-8482.	5.1	4
25	Solid base pretreatment to improve the accessibility of lignocellulosic molecules for biomass recovery. <i>Cellulose</i> , 2019, 26, 8453-8464.	4.9	3
26	Metagenomic analysis for the microbial consortium of anaerobic CO oxidizers. <i>Microbial Biotechnology</i> , 2015, 8, 846-852.	4.2	0