

# Cuiyi Liang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1458480/publications.pdf>

Version: 2024-02-01

16  
papers

434  
citations

933447

10  
h-index

1058476

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

602  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of fed-batch enzymatic hydrolysis from alkali-pretreated sugarcane bagasse for high-concentration sugar production. <i>Bioresource Technology</i> , 2014, 167, 41-45.	9.6	81
2	Sequential bioethanol and biogas production from sugarcane bagasse based on high solids fed-batch SSF. <i>Energy</i> , 2015, 90, 1199-1205.	8.8	63
3	Comparative study on the properties of lignin isolated from different pretreated sugarcane bagasse and its inhibitory effects on enzymatic hydrolysis. <i>International Journal of Biological Macromolecules</i> , 2020, 146, 132-140.	7.5	45
4	Characterization of direct cellulase immobilization with superparamagnetic nanoparticles. <i>Biocatalysis and Biotransformation</i> , 2011, 29, 71-76.	2.0	44
5	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
6	Highly Efficient Conversion of Xylose to Furfural in a Water-MIBK System Catalyzed by Magnetic Carbon-Based Solid Acid. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 17046-17056.	3.7	38
7	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
8	Comprehensive Research on the Influence of Nonlignocellulosic Components on the Pyrolysis Behavior of Chinese Distiller's Grain. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 3103-3113.	6.7	24
9	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
10	Enhanced Enzymatic Hydrolysis of Corncob by Synthesized Enzyme-Mimetic Magnetic Solid Acid Pretreatment in an Aqueous Phase. <i>ACS Omega</i> , 2019, 4, 17864-17873.	3.5	13
11	Impact of Alkaline Pretreatment Condition on Enzymatic Hydrolysis of Sugarcane Bagasse and Pretreatment Cost. <i>Applied Biochemistry and Biotechnology</i> , 2021, 193, 2087-2097.	2.9	12
12	Gene cloning and characterization of an organic solvent-stimulated $\beta$ -glucosidase and its application for the co-production of ethanol and succinic acid. <i>Cellulose</i> , 2019, 26, 8237-8248.	4.9	10
13	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
14	Improving $\beta$ -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
15	Metagenomic analysis for the microbial consortium of anaerobic CO oxidizers. <i>Microbial Biotechnology</i> , 2015, 8, 846-852.	4.2	0
16	Preparation of reducing sugars from corncob by solid acid catalytic pretreatment combined with in situ enzymatic hydrolysis. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	4.6	0