

Chao Xu

List of Publications by Year in descending order

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15
papers

419
citations

759233

12
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1058476

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docs citations

15
times ranked

400
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of quantitative trait loci underlying fruiting body and yield-related traits in <i>Hericium erinaceus</i> . <i>Scientia Horticulturae</i> , 2022, 293, 110729.	3.6	0
2	Alkaline hydrogen peroxide pretreatment combined with bio-additives to boost high-solids enzymatic hydrolysis of sugarcane bagasse for succinic acid processing. <i>Bioresource Technology</i> , 2022, 345, 126550.	9.6	17
3	Comparative secretome of white-rot fungi reveals co-regulated carbohydrate-active enzymes associated with selective ligninolysis of ramie stalks. <i>Microbial Biotechnology</i> , 2021, 14, 911-922.	4.2	14
4	Biological nitrogen and phosphorus removal by a phosphorus-accumulating bacteria <i>Acinetobacter</i> sp. strain C-13 with the ability of heterotrophic nitrification-aerobic denitrification. <i>Bioresource Technology</i> , 2021, 322, 124507.	9.6	65
5	Novel biorefining method for succinic acid processed from sugarcane bagasse. <i>Bioresource Technology</i> , 2021, 324, 124615.	9.6	27
6	Landscape of meiotic crossovers in <i>Hericium erinaceus</i> . <i>Microbiological Research</i> , 2021, 245, 126692.	5.3	3
7	Mechanisms of bio-additives on boosting enzymatic hydrolysis of lignocellulosic biomass. <i>Bioresource Technology</i> , 2021, 337, 125341.	9.6	27
8	Co-fermentation of succinic acid and ethanol from sugarcane bagasse based on full hexose and pentose utilization and carbon dioxide reduction. <i>Bioresource Technology</i> , 2021, 339, 125578.	9.6	30
9	Nitrogen and phosphorus removal by GAOs and PAOs using nitrate and limited oxygen as electron acceptors simultaneously and the impact of external carbon source in the anoxic phase. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106520.	6.7	15
10	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
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	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
13	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
14	Long chain alcohol and succinic acid co-production process based on full utilization of lignocellulosic materials. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2018, 14, 1-9.	5.9	16
15	AlgM4: A New Salt-Activated Alginate Lyase of the PL7 Family with Endolytic Activity. <i>Marine Drugs</i> , 2018, 16, 120.	4.6	34