

Peizhou Yang

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

318
citations

933447

10
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

444
citing authors

#	ARTICLE	IF	CITATIONS
1	Treatment of furazolidone contaminated water using banana pseudostem biochar engineered with facile synthesized magnetic nanocomposites. <i>Bioresource Technology</i> , 2020, 297, 122472.	9.6	64
2	Review on D-Allulose: In vivo Metabolism, Catalytic Mechanism, Engineering Strain Construction, Bio-Production Technology. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 26.	4.1	40
3	CRISPR-Cas9 Approach Constructing Cellulase sesc-Engineered <i>Saccharomyces cerevisiae</i> for the Production of Orange Peel Ethanol. <i>Frontiers in Microbiology</i> , 2018, 9, 2436.	3.5	30
4	Heterologous signal peptides-directing secretion of <i>Streptomyces mobaraensis</i> transglutaminase by <i>Bacillus subtilis</i> . <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 5533-5543.	3.6	23
5	Expression of multi-functional cellulase gene <i>mfc</i> in <i>Coprinus cinereus</i> under control of different basidiomycete promoters. <i>Bioresource Technology</i> , 2009, 100, 4475-4480.	9.6	22
6	Improvement of the activity and thermostability of microbial transglutaminase by multiple-site mutagenesis. <i>Bioscience, Biotechnology and Biochemistry</i> , 2018, 82, 106-109.	1.3	22
7	Recombinant multi-functional cellulase activity in submerged fermentation of lignocellulosic wastes. <i>Renewable Energy</i> , 2011, 36, 3268-3272.	8.9	16
8	Cell regeneration and cyclic catalysis of engineered <i>Kluyveromyces marxianus</i> of a d-psicose-3-epimerase gene from <i>Agrobacterium tumefaciens</i> for d-allulose production. <i>World Journal of Microbiology and Biotechnology</i> , 2018, 34, 65.	3.6	15
9	Recombinant Expression of <i>Trametes versicolor</i> Aflatoxin B1-Degrading Enzyme (TV-AFB1D) in Engineering <i>Pichia pastoris</i> GS115 and Application in AFB1 Degradation in AFB1-Contaminated Peanuts. <i>Toxins</i> , 2021, 13, 349.	3.4	15
10	Construction of recombinant sesc <i>Saccharomyces cerevisiae</i> for consolidated bioprocessing, cellulase characterization, and ethanol production by in situ fermentation. <i>3 Biotech</i> , 2016, 6, 192.	2.2	14
11	Enhancing laccase-induced soybean protein isolates gel properties by microwave pretreatment. <i>Journal of Food Processing and Preservation</i> , 2020, 44, e14386.	2.0	11
12	Construction of <i>Aspergillus niger</i> integrated with cellulase gene from <i>Ampullaria gigas</i> Spix for improved enzyme production and saccharification of alkaline-pretreated rice straw. <i>3 Biotech</i> , 2016, 6, 236.	2.2	10
13	Activity enhancement of <i>Trametes versicolor</i> aflatoxin B1-degrading enzyme (TV-AFB1D) by molecular docking and site-directed mutagenesis techniques. <i>Food and Bioproducts Processing</i> , 2021, 129, 168-175.	3.6	9
14	Recombinant Expression of <i>Serratia marcescens</i> Outer Membrane Phospholipase A (A1) in <i>Pichia pastoris</i> and Immobilization With Graphene Oxide-Based Fe ₃ O ₄ Nanoparticles for Rapeseed Oil Degumming. <i>Frontiers in Microbiology</i> , 2019, 10, 334.	3.5	8
15	In Situ Growth of BiOI/MoS ₂ Heterostructure as Pt Supports for Visible Light-Assisted Electro-catalytic Methanol Oxidation Reaction. <i>Energy Technology</i> , 2020, 8, 1900731.	3.8	7
16	Effective Expression of the <i>Serratia marcescens</i> Phospholipase A1 Gene in <i>Escherichia coli</i> BL21(DE3), Enzyme Characterization, and Crude Rapeseed Oil Degumming via a Free Enzyme Approach. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 272.	4.1	4
17	Combining sesc engineered <i>A. niger</i> with sesc engineered <i>S. cerevisiae</i> to produce rice straw ethanol via step-by-step and in situ saccharification and fermentation. <i>3 Biotech</i> , 2018, 8, 12.	2.2	3
18	Bioactive Compound Prodigiosin in Vivo Affecting the Nutrient Metabolism of Weaned Rats. <i>ACS Omega</i> , 2018, 3, 17474-17480.	3.5	3

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19	Effect of prodigiosin on the alleviation of the intestinal inflammation of weaned rats based on ¹ H-NMR spectroscopy study and biochemistry indexes. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 0, 55, .	1.2	2
20	Glyceraldehyde-3-phosphate dehydrogenase promoter from enoki mushroom drove gene expression of exogenous cellulase in <i>Aspergillus niger</i> . <i>Biomass Conversion and Biorefinery</i> , 2018, 8, 11-17.	4.6	0