

Shuli Liang

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

618
citations

706676

14
h-index

721071

23
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42
all docs

42
docs citations

42
times ranked

782
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of freeze-dried bioluminescent bacteria and their application in the detection of acute toxicity of bisphenol A and heavy metals. <i>Food Science and Nutrition</i> , 2022, 10, 1841-1853.	1.5	7
2	Fluorescent indicators for live-cell and in vitro detection of inorganic cadmium dynamics. <i>Journal of Fluorescence</i> , 2022, 32, 1397-1404.	1.3	0
3	Improving Thermostability and Catalytic Activity of Glycosyltransferase From <i>Panax ginseng</i> by Semi-Rational Design for Rebaudioside D Synthesis. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 884898.	2.0	6
4	Acute and Chronic Toxicity of Binary Mixtures of Bisphenol A and Heavy Metals. <i>Toxics</i> , 2022, 10, 255.	1.6	4
5	Heterologous production of β -Carotene in <i>Corynebacterium glutamicum</i> using a multi-copy chromosomal integration method. <i>Bioresource Technology</i> , 2021, 341, 125782.	4.8	17
6	A Novel and Efficient Genome Editing Tool Assisted by CRISPR-Cas12a/Cpf1 for <i>Pichia pastoris</i> . <i>ACS Synthetic Biology</i> , 2021, 10, 2927-2937.	1.9	17
7	Production of lycopene by metabolically engineered <i>Pichia pastoris</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2020, 84, 463-470.	0.6	27
8	Metagenomic characterization of bacterial community and antibiotic resistance genes in representative ready-to-eat food in southern China. <i>Scientific Reports</i> , 2020, 10, 15175.	1.6	27
9	High-Level Expression and Biochemical Properties of A Thermo-Alkaline Pectate Lyase From <i>Bacillus</i> sp. RN1 in <i>Pichia pastoris</i> With Potential in Ramie Degumming. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 850.	2.0	18
10	Overexpression of the regulatory subunit of protein kinase A increases heterologous protein expression in <i>Pichia pastoris</i> . <i>Biotechnology Letters</i> , 2020, 42, 2685-2692.	1.1	1
11	Construction and screening of a glycosylphosphatidylinositol protein deletion library in <i>Pichia pastoris</i> . <i>BMC Microbiology</i> , 2020, 20, 262.	1.3	3
12	Engineering the regulatory site of the catalase promoter for improved heterologous protein production in <i>Pichia pastoris</i> . <i>Biotechnology Letters</i> , 2020, 42, 2703-2709.	1.1	11
13	Multiple cellular responses guarantee yeast survival in presence of the cell membrane/wall interfering agent sodium dodecyl sulfate. <i>Biochemical and Biophysical Research Communications</i> , 2020, 527, 276-282.	1.0	7
14	Enhancing the substrate tolerance of DszC by a combination of alanine scanning and site-directed saturation mutagenesis. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2020, 47, 395-402.	1.4	2
15	Genome-wide screening of <i>Saccharomyces cerevisiae</i> deletion mutants reveals cellular processes required for tolerance to the cell wall antagonist calcofluor white. <i>Biochemical and Biophysical Research Communications</i> , 2019, 518, 1-6.	1.0	10
16	Deletion of Gcw13 represses autophagy in <i>Pichia pastoris</i> cells grown in methanol medium with sufficient amino acids. <i>Biotechnology Letters</i> , 2019, 41, 1423-1431.	1.1	1
17	A kinetic model to optimize and direct the dose ratio of Dsz enzymes in the 4S desulfurization pathway in vitro and in vivo. <i>Biotechnology Letters</i> , 2019, 41, 1333-1341.	1.1	2
18	Combined strategies for engineering a novel whole-cell biocatalyst of <i>Candida rugosa</i> lipase with improved characteristics. <i>Biochemical Engineering Journal</i> , 2019, 151, 107337.	1.8	5

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19	Improved Efficiency of the Desulfurization of Oil Sulfur Compounds in <i>Escherichia coli</i> Using a Combination of Desensitization Engineering and DszC Overexpression. <i>ACS Synthetic Biology</i> , 2019, 8, 1441-1451.	1.9	15
20	Enhancing co-translational folding of heterologous protein by deleting non-essential ribosomal proteins in <i>Pichia pastoris</i> . <i>Biotechnology for Biofuels</i> , 2019, 12, 38.	6.2	7
21	Fhl1p protein, a positive transcription factor in <i>Pichia pastoris</i> , enhances the expression of recombinant proteins. <i>Microbial Cell Factories</i> , 2019, 18, 207.	1.9	8
22	RNA-Seq analysis of global transcriptomic changes suggests a roles for the MAPK pathway and carbon metabolism in cell wall maintenance in a <i>Saccharomyces cerevisiae</i> FKS1 mutant. <i>Biochemical and Biophysical Research Communications</i> , 2018, 500, 603-608.	1.0	10
23	Improved production and characterization of <i>Volvariella volvacea</i> Endoglucanase 1 expressed in <i>Pichia pastoris</i> . <i>Protein Expression and Purification</i> , 2018, 152, 107-113.	0.6	6
24	Kinetic resolution of sec -alcohols catalysed by <i>Candida antarctica</i> lipase B displaying <i>Pichia pastoris</i> whole-cell biocatalyst. <i>Enzyme and Microbial Technology</i> , 2018, 110, 8-13.	1.6	12
25	Deletion of the GCW13 gene derepresses Gap1-dependent uptake of amino acids in <i>Pichia pastoris</i> grown on methanol as the sole carbon source. <i>Biochemical and Biophysical Research Communications</i> , 2018, 501, 226-231.	1.0	4
26	Recycling of a selectable marker with a self-excisable plasmid in <i>Pichia pastoris</i> . <i>Scientific Reports</i> , 2017, 7, 11113.	1.6	18
27	Accurate analysis of fusion expression of <i>Pichia pastoris</i> glycosylphosphatidylinositol-modified cell wall proteins. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2017, 44, 1355-1365.	1.4	7
28	Monomeric <i>Corynebacterium glutamicum</i> N-acetyl glutamate kinase maintains sensitivity to L-arginine but has a lower intrinsic catalytic activity. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 1789-1798.	1.7	8
29	Display of fungal hydrophobin on the <i>Pichia pastoris</i> cell surface and its influence on <i>Candida antarctica</i> lipase B. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 5883-5895.	1.7	29
30	Overexpression of a Novel Thermostable and Chloride-Tolerant Laccase from <i>Thermus thermophilus</i> SG0.5JP17-16 in <i>Pichia pastoris</i> and Its Application in Synthetic Dye Decolorization. <i>PLoS ONE</i> , 2015, 10, e0119833.	1.1	48
31	Combined strategies for improving expression of <i>Citrobacter amalonaticus</i> phytase in <i>Pichia pastoris</i> . <i>BMC Biotechnology</i> , 2015, 15, 88.	1.7	41
32	<i>Citrobacter amalonaticus</i> Phytase on the Cell Surface of <i>Pichia pastoris</i> Exhibits High pH Stability as a Promising Potential Feed Supplement. <i>PLoS ONE</i> , 2014, 9, e114728.	1.1	10
33	Identification and characterization of P GCW14 : a novel, strong constitutive promoter of <i>Pichia pastoris</i> . <i>Biotechnology Letters</i> , 2013, 35, 1865-1871.	1.1	47
34	Synthesis of fructose laurate esters catalyzed by a CALB-displaying <i>Pichia pastoris</i> whole-cell biocatalyst in a non-aqueous system. <i>Biotechnology and Bioprocess Engineering</i> , 2013, 18, 365-374.	1.4	22
35	Key regulatory elements of a strong constitutive promoter, P GCW14 , from <i>Pichia pastoris</i> . <i>Biotechnology Letters</i> , 2013, 35, 2113-2119.	1.1	12
36	Endogenous signal peptides efficiently mediate the secretion of recombinant proteins in <i>Pichia pastoris</i> . <i>Biotechnology Letters</i> , 2013, 35, 97-105.	1.1	37

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37	Screening for Glycosylphosphatidylinositol-Modified Cell Wall Proteins in <i>Pichia pastoris</i> and Their Recombinant Expression on the Cell Surface. <i>Applied and Environmental Microbiology</i> , 2013, 79, 5519-5526.	1.4	43
38	Comprehensive structural annotation of <i>Pichia pastoris</i> transcriptome and the response to various carbon sources using deep paired-end RNA sequencing. <i>BMC Genomics</i> , 2012, 13, 738.	1.2	59
39	Internal ribosome entry site mediates protein synthesis in yeast <i>Pichia pastoris</i> . <i>Biotechnology Letters</i> , 2012, 34, 957-964.	1.1	10