Ying Li

List of Publications by Year
in descending order

44 papers	1,151 citations	430874 18 h-index	395702 33 g-index
45 all docs	45 docs citations	45 times ranked	1385 citing authors

#	Article	IF	Citations
1	Enhancing thermostability of a Rhizomucor miehei lipase by engineering a disulfide bond and displaying on the yeast cell surface. Applied Microbiology and Biotechnology, 2009, 85, 117-126.	3.6	105
2	Biodiesel production catalyzed by Rhizomucor miehei lipase-displaying Pichia pastoris whole cells in an isooctane system. Biochemical Engineering Journal, 2012, 63, 10-14.	3.6	88
3	The induction of trehalose and glycerol in Saccharomyces cerevisiae in response to various stresses. Biochemical and Biophysical Research Communications, 2009, 387, 778-783.	2.1	86
4	Quantitative iTRAQ LCâ€“MS/MS proteomics reveals the cellular response to heterologous protein overexpression and the regulation of HAC1 in Pichia pastoris. Journal of Proteomics, 2013, 91, 58-72.	2.4	57
5	Display of Candida antarctica lipase B on Pichia pastoris and its application to flavor ester synthesis. Applied Microbiology and Biotechnology, 2010, 86, 1493-1501.	3.6	53
6	Highly efficient synthesis of ethyl hexanoate catalyzed by CALB-displaying Saccharomyces cerevisiae whole-cells in non-aqueous phase. Journal of Molecular Catalysis B: Enzymatic, 2009, 59, 168-172.	1.8	51
7	Overexpression of a Novel Thermostable and Chloride-Tolerant Laccase from Thermus thermophilus SG0.5JP17-16 in Pichia pastoris and Its Application in Synthetic Dye Decolorization. PLoS ONE, 2015, 10, e0119833.	2.5	48
8	Identification and characterization of P GCW14 : a novel, strong constitutive promoter of Pichia pastoris. Biotechnology Letters, 2013, 35, 1865-1871.	2.2	47
9	Surface display of active lipase in Pichia pastoris using Sed1 as an anchor protein. Biotechnology Letters, 2010, 32, 1131-1136.	2.2	46
10	Bleach boosting effect of xylanase A from Bacillus halodurans C-125 in ECF bleaching of wheat straw pulp. Enzyme and Microbial Technology, 2013, 52, 91-98.	3.2	46
11	Screening for Glycosylphosphatidylinositol-Modified Cell Wall Proteins in Pichia pastoris and Their Recombinant Expression on the Cell Surface. Applied and Environmental Microbiology, 2013, 79, 5519-5526.	3.1	43
12	Combined strategies for improving expression of Citrobacter amalonaticus phytase in Pichia pastoris. BMC Biotechnology, 2015, 15, 88.	3.3	41
13	Reversal of coenzyme specificity and improvement of catalytic efficiency of Pichia stipitis xylose reductase by rational site-directed mutagenesis. Biotechnology Letters, 2009, 31, 1025-1029.	2.2	37
14	Endogenous signal peptides efficiently mediate the secretion of recombinant proteins in Pichia pastoris. Biotechnology Letters, 2013, 35, 97-105.	2.2	37
15	Genomic analysis of the aconidial and high-performance protein producer, industrially relevant Aspergillus niger SH2 strain. Gene, 2014, 541, 107-114.	2.2	32
16	Recombineering using RecET in Corynebacterium glutamicum ATCC14067 via a self-excisable cassette. Scientific Reports, 2017, 7, 7916.	3.3	32
17	Display of fungal hydrophobin on the Pichia pastoris cell surface and its influence on Candida antarctica lipase B. Applied Microbiology and Biotechnology, 2016, 100, 5883-5895.	3.6	29
18	Double Candida antarctica lipase B co-display on Pichia pastoris cell surface based on a self-processing foot-and-mouth disease virus 2A peptide. Applied Microbiology and Biotechnology, 2012, 96, 1539-1550.	3.6	20

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19	Combined strategies for improving the heterologous expression of an alkaline lipase from Acinetobacter radioresistens CMC-1 in Pichia pastoris. Process Biochemistry, 2013, 48, 1317-1323.	3.7	20
20	Improving the catalytic characteristics of lipase-displaying yeast cells by hydrophobic modification. Bioprocess and Biosystems Engineering, 2017, 40, 1689-1699.	3.4	20
21	A novel fungal laccase from Sordaria macrospora k-hell: expression, characterization, and application for lignin degradation. Bioprocess and Biosystems Engineering, 2020, 43, 1133-1139.	3.4	18
22	A Novel and Efficient Genome Editing Tool Assisted by CRISPR-Cas12a/Cpf1 for Pichia pastoris. ACS Synthetic Biology, 2021, 10, 2927-2937.	3.8	17
23	Improved Efficiency of the Desulfurization of Oil Sulfur Compounds inEscherichia coliUsing a Combination of Desensitization Engineering and DszC Overexpression. ACS Synthetic Biology, 2019, 8, 1441-1451.	3.8	15
24	Functional display of Rhizomucor miehei lipase on surface of Saccharomyces cerevisiae with higher activity and its practical properties. Journal of Chemical Technology and Biotechnology, 2008, 83, 329-335.	3.2	14
25	Quantitative evaluation of Candia antarctica lipase B displayed on the cell surface of a Pichia pastoris based on an FS anchor system. Biotechnology Letters, 2013, 35, 367-374.	2.2	14
26	Expression and characterization of LacMP, a novel fungal laccase of Moniliophthora perniciosa FA553. Biotechnology Letters, 2015, 37, 1829-1835.	2.2	13
27	Key regulatory elements of a strong constitutive promoter, P GCW14 , from Pichia pastoris. Biotechnology Letters, 2013, 35, 2113-2119.	2.2	12
28	Kinetic resolution of sec -alcohols catalysed by Candida antarctica lipase B displaying Pichia pastoris whole-cell biocatalyst. Enzyme and Microbial Technology, 2018, 110, 8-13.	3.2	12
29	Combination of site-directed mutagenesis and yeast surface display enhances Rhizomucor miehei lipase esterification activity in organic solvent. Biotechnology Letters, 2011, 33, 2431-2438.	2.2	11
30	Construction of cell surface-engineered yeasts displaying antigen to detect antibodies by immunofluorescence and yeast-ELISA. Applied Microbiology and Biotechnology, 2008, 79, 1019-26.	3.6	10
31	Genome-wide screening of Saccharomyces cerevisiae deletion mutants reveals cellular processes required for tolerance to the cell wall antagonist calcofluor white. Biochemical and Biophysical Research Communications, 2019, 518, 1-6.	2.1	10
32	Quantification analysis of yeast-displayed lipase. Analytical Biochemistry, 2014, 450, 46-48.	2.4	8
33	Fhl1p protein, a positive transcription factor in Pichia pastoris, enhances the expression of recombinant proteins. Microbial Cell Factories, 2019, 18, 207.	4.0	8
34	Accurate analysis of fusion expression ofPichia pastorisglycosylphosphatidylinositol-modified cell wall proteins. Journal of Industrial Microbiology and Biotechnology, 2017, 44, 1355-1365.	3.0	7
35	Four second-sphere residues of Thermus thermophilus SG0.5JP17-16 laccase tune the catalysis by hydrogen-bonding networks. Applied Microbiology and Biotechnology, 2018, 102, 4049-4061.	3.6	7
36	Preparation of freezeâ€dried bioluminescent bacteria and their application in the detection of acute toxicity of bisphenol A and heavy metals. Food Science and Nutrition, 2022, 10, 1841-1853.	3.4	7

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37	Biocatalytic behavior of a new Aspergillus niger whole-cell biocatalyst with high operational stability during the synthesis of green biosolvent isopropyl esters. Journal of Molecular Catalysis B: Enzymatic, 2016, 131, 10-17.	1.8	6
38	Combined strategies for engineering a novel whole-cell biocatalyst of Candida rugosa lipase with improved characteristics. Biochemical Engineering Journal, 2019, 151, 107337.	3.6	5
39	Construction of High Efficiency <I>Pichia pastoris</I> Surface Display System Based on Flo1 Protein*. Progress in Biochemistry and Biophysics, 2010, 37, 200-207.	0.3	5
40	Deletion of the GCW13 gene derepresses Gap1-dependent uptake of amino acids in Pichia pastoris grown on methanol as the sole carbon source. Biochemical and Biophysical Research Communications, 2018, 501, 226-231.	2.1	4
41	Construction and screening of a glycosylphosphatidylinositol protein deletion library in Pichia pastoris. BMC Microbiology, 2020, 20, 262.	3.3	3
42	A kinetic model to optimize and direct the dose ratio of Dsz enzymes in the 4S desulfurization pathway in vitro and in vivo. Biotechnology Letters, 2019, 41, 1333-1341.	2.2	2
43	Deletion of Gcw13 represses autophagy in Pichia pastoris cells grown in methanol medium with sufficient amino acids. Biotechnology Letters, 2019, 41, 1423-1431.	2.2	1
44	Overexpression of the regulatory subunit of protein kinase A increases heterologous protein expression in Pichia pastoris. Biotechnology Letters, 2020, 42, 2685-2692.	2.2	1