

Ye-fu Chen

List of Publications by Year in descending order

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40
papers

741
citations

566801

15
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552369

26
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41
all docs

41
docs citations

41
times ranked

798
citing authors

#	ARTICLE	IF	CITATIONS
1	Xylose and cellulose fractionation from corncob with three different strategies and separate fermentation of them to bioethanol. <i>Bioresource Technology</i> , 2010, 101, 6994-6999.	4.8	85
2	Effect of the inactivation of lactate dehydrogenase, ethanol dehydrogenase, and phosphotransacetylase on 2,3-butanediol production in <i>Klebsiella pneumoniae</i> strain. <i>Biotechnology for Biofuels</i> , 2014, 7, 44.	6.2	67
3	Efficient utilization of hemicellulose and cellulose in alkali liquor-pretreated corncob for bioethanol production at high solid loading by <i>Spathaspora passalidarum</i> U1-58. <i>Bioresource Technology</i> , 2017, 232, 168-175.	4.8	38
4	The Characterization and Modification of a Novel Bifunctional and Robust Alginate Lyase Derived from <i>Marinimicrobium</i> sp. H1. <i>Marine Drugs</i> , 2019, 17, 545.	2.2	38
5	Enhanced ethyl caproate production of Chinese liquor yeast by overexpressing <i>EHT1</i> with deleted <i>FAA1</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2014, 41, 563-572.	1.4	37
6	Genetic engineering to alter carbon flux for various higher alcohol productions by <i>Saccharomyces cerevisiae</i> for Chinese Baijiu fermentation. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 1783-1795.	1.7	37
7	Production of pullulan from xylose and hemicellulose hydrolysate by <i>Aureobasidium pullulans</i> AY82 with pH control and DL-dithiothreitol addition. <i>Biotechnology and Bioprocess Engineering</i> , 2014, 19, 282-288.	1.4	36
8	Reduced production of ethyl carbamate for wine fermentation by deleting <i>CAR1</i> in <i>Saccharomyces cerevisiae</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2016, 43, 671-679.	1.4	33
9	Improving Erythritol Production of <i>Aureobasidium pullulans</i> from Xylose by Mutagenesis and Medium Optimization. <i>Applied Biochemistry and Biotechnology</i> , 2016, 180, 717-727.	1.4	29
10	Development of <i>Saccharomyces cerevisiae</i> Producing Higher Levels of Sulfur Dioxide and Glutathione to Improve Beer Flavor Stability. <i>Applied Biochemistry and Biotechnology</i> , 2012, 166, 402-413.	1.4	28
11	Construction of recombinant industrial brewer's yeast with lower diacetyl production and proteinase A activity. <i>European Food Research and Technology</i> , 2012, 235, 951-961.	1.6	27
12	Reduction of biogenic amines production by eliminating the PEP4 gene in <i>Saccharomyces cerevisiae</i> during fermentation of Chinese rice wine. <i>Food Chemistry</i> , 2015, 178, 208-211.	4.2	19
13	Improved ethyl caproate production of Chinese liquor yeast by overexpressing fatty acid synthesis genes with <i>OPI1</i> deletion. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2016, 43, 1261-1270.	1.4	19
14	Identification by comparative transcriptomics of core regulatory genes for higher alcohol production in a top-fermenting yeast at different temperatures in beer fermentation. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 4917-4929.	1.7	18
15	Biosynthetic Pathway for Ethyl Butyrate Production in <i>Saccharomyces cerevisiae</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 4252-4260.	2.4	17
16	Metabolic Engineering of <i>Saccharomyces cerevisiae</i> for Ethyl Acetate Biosynthesis. <i>ACS Synthetic Biology</i> , 2021, 10, 495-504.	1.9	16
17	Reduced production of diacetyl by overexpressing <i>BDH2</i> gene and <i>ILV5</i> gene in yeast of the lager brewers with one <i>ILV2</i> allelic gene deleted. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2017, 44, 397-405.	1.4	14
18	<i>Saccharomyces cerevisiae</i> proteinase A excretion and wine making. <i>World Journal of Microbiology and Biotechnology</i> , 2017, 33, 210.	1.7	14

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19	Production of low-alcohol Huangjiu with improved acidity and reduced levels of higher alcohols by fermentation with scarless ALD6 overexpression yeast. <i>Food Chemistry</i> , 2020, 321, 126691.	4.2	14
20	Reducing diacetyl production of wine by overexpressing <i>BDH1</i> and <i>BDH2</i> in <i>Saccharomyces uvarum</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2017, 44, 1541-1550.	1.4	13
21	Heterologous expression of <i>Spathaspora passalidarum</i> xylose reductase and xylitol dehydrogenase genes improved xylose fermentation ability of <i>Aureobasidium pullulans</i> . <i>Microbial Cell Factories</i> , 2018, 17, 64.	1.9	13
22	The ethanol-extracted polysaccharide from <i>Cynanchum paniculatum</i> : Optimization, structure, antioxidant and antitumor effects. <i>Industrial Crops and Products</i> , 2022, 175, 114243.	2.5	13
23	Development of a one-step gene knock-out and knock-in method for metabolic engineering of <i>Aureobasidium pullulans</i> . <i>Journal of Biotechnology</i> , 2017, 251, 145-150.	1.9	12
24	Overexpression of different alcohol acetyltransferase genes with BAT2 deletion in <i>Saccharomyces cerevisiae</i> affects acetate esters and higher alcohols. <i>European Food Research and Technology</i> , 2018, 244, 555-564.	1.6	12
25	Decreased proteinase A excretion by strengthening its vacuolar sorting and weakening its constitutive secretion in <i>Saccharomyces cerevisiae</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2017, 44, 149-159.	1.4	11
26	Enhanced Production of Ethyl Lactate in <i>Saccharomyces cerevisiae</i> by Genetic Modification. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 13863-13870.	2.4	11
27	Influence of nutrients on proteinase A activity in draft beer during fermentation. <i>International Journal of Food Science and Technology</i> , 2010, 45, 1169-1174.	1.3	10
28	Enhancement of C6-C10 fatty acid ethyl esters production in <i>Saccharomyces cerevisiae</i> CA by metabolic engineering. <i>LWT - Food Science and Technology</i> , 2021, 145, 111496.	2.5	10
29	The immunosuppressive effects of low molecular weight chitosan on thymopentin-activated mice bearing H22 solid tumors. <i>International Immunopharmacology</i> , 2021, 99, 108008.	1.7	9
30	Enhanced acetate ester production of Chinese liquor yeast by overexpressing <i>ATF1</i> through precise and seamless insertion of <i>PGK1</i> promoter. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2014, 41, 1823-1828.	1.4	7
31	A genetic transformation protocol for the xylose-fermenting yeast <i>Spathaspora passalidarum</i> . <i>Engineering in Life Sciences</i> , 2015, 15, 550-555.	2.0	6
32	Discovering the role of the apolipoprotein gene and the genes in the putative pullulan biosynthesis pathway on the synthesis of pullulan, heavy oil and melanin in <i>Aureobasidium pullulans</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2018, 34, 11.	1.7	5
33	Increased Acetate Ester Production of Polyploid Industrial Brewer's Yeast Strains via Precise and Seamless Self-cloning Integration Strategy. <i>Iranian Journal of Biotechnology</i> , 2019, 17, 38-45.	0.3	5
34	Increased RNA production in <i>Saccharomyces cerevisiae</i> by simultaneously overexpressing <i>FHL1</i> , <i>IFH1</i> , and <i>SSF2</i> and deleting <i>HRP1</i> . <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 7901-7913.	1.7	4
35	Enhanced enzymatic xylose/cellulose fractionation from alkaline liquor-pretreated corn cob by surfactant addition and separate fermentation to bioethanol. <i>Turkish Journal of Biology</i> , 2014, 38, 478-484.	2.1	3
36	Regulating the Golgi apparatus sorting of proteinase A to decrease its excretion in <i>Saccharomyces cerevisiae</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2019, 46, 601-612.	1.4	3

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37	Application Potential of Baijiu Non-Saccharomyces Yeast in Winemaking Through Sequential Fermentation With <i>Saccharomyces cerevisiae</i> . <i>Frontiers in Microbiology</i> , 2022, 13, .	1.5	3
38	Construction of self-cloning industrial brewer's yeast with SOD1 gene insertion into PEP4 prosequence locus by homologous recombination. <i>Journal of the Institute of Brewing</i> , 2016, 122, 322-328.	0.8	1
39	Notice of Retraction: Optimization the Protoplast Formation and Regeneration Conditions of <i>Kluyveromyces marxianus</i> and <i>Saccharomyces cerevisiae</i> . , 2011, , .		0
40	Research on the dilute acid hydrolysis of corncob and the fermentation of 2,3-butanediol. , 2013, , .		0