

Xuewu Guo

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43
papers

475
citations

13
h-index

20
g-index

48
ext. papers

592
ext. citations

4.1
avg. IF

3.44
L-index

#	Paper	IF	Citations
43	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	7.8	54
42	Improved ethanol production by mixed immobilized cells of <i>Kluyveromyces marxianus</i> and <i>Saccharomyces cerevisiae</i> from cheese whey powder solution fermentation. <i>Applied Biochemistry and Biotechnology</i> , 2010 , 160, 532-8	3.2	36
41	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	3.1	32
40	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	11	29
39	Enhanced ethyl caproate production of Chinese liquor yeast by overexpressing EHT1 with deleted FAA1. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2014 , 41, 563-72	4.2	27
38	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	3.4	27
37	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	3.2	22
36	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, 402-13	3.2	21
35	Engineering Microbial Consortia for High-Performance Cellulosic Hydrolyzates-Fed Microbial Fuel Cells. <i>Frontiers in Microbiology</i> , 2019 , 10, 409	5.7	20
34	Synthetic <i>Klebsiella pneumoniae</i> - <i>Shewanella oneidensis</i> Consortium Enables Glycerol-Fed High-Performance Microbial Fuel Cells. <i>Biotechnology Journal</i> , 2018 , 13, e1700491	5.6	19
33	Construction of lactose-consuming <i>Saccharomyces cerevisiae</i> for lactose fermentation into ethanol fuel. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2013 , 40, 353-63	4.2	18
32	A rapid and efficient one-step site-directed deletion, insertion, and substitution mutagenesis protocol. <i>Analytical Biochemistry</i> , 2013 , 434, 254-8	3.1	15
31	Effects of soya fatty acids on cassava ethanol fermentation. <i>Applied Biochemistry and Biotechnology</i> , 2010 , 160, 410-20	3.2	15
30	Improved ethyl caproate production of Chinese liquor yeast by overexpressing fatty acid synthesis genes with OPI1 deletion. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2016 , 43, 1261-70	4.2	12
29	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, 208-11	8.5	11
28	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	3.7	9
27	Efficient production of 2,3-butanediol from cheese whey powder (CWP) solution by <i>Klebsiella pneumoniae</i> through integrating pulsed fed-batch fermentation with a two-stage pH control strategy. <i>Fuel</i> , 2017 , 203, 469-477	7.1	9

26	Saccharomyces cerevisiae proteinase A excretion and wine making. <i>World Journal of Microbiology and Biotechnology</i> , 2017 , 33, 210	4.4	9
25	Reduced production of diacetyl by overexpressing BDH2 gene and ILV5 gene in yeast of the lager brewers with one ILV2 allelic gene deleted. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2017 , 44, 397-405	4.2	8
24	Heterologous expression of Spathaspora passalidarum xylose reductase and xylitol dehydrogenase genes improved xylose fermentation ability of Aureobasidium pullulans. <i>Microbial Cell Factories</i> , 2018 , 17, 64	6.4	8
23	Reducing diacetyl production of wine by overexpressing BDH1 and BDH2 in Saccharomyces uvarum. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2017 , 44, 1541-1550	4.2	8
22	Effect of ILV6 Deletion and Expression of aldB from Lactobacillus plantarum in Saccharomyces uvarum on Diacetyl Production and Wine Flavor. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 8556-8565	5.7	7
21	Decreased proteinase A excretion by strengthening its vacuolar sorting and weakening its constitutive secretion in Saccharomyces cerevisiae. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2017 , 44, 149-159	4.2	7
20	Enhanced acetate ester production of Chinese liquor yeast by overexpressing ATF1 through precise and seamless insertion of PGK1 promoter. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2014 , 41, 1823-8	4.2	7
19	A genetic transformation protocol for the xylose-fermenting yeast Spathaspora passalidarum. <i>Engineering in Life Sciences</i> , 2015 , 15, 550-555	3.4	6
18	Intergeneric yeast fusants with efficient ethanol production from cheese whey powder solution: Construction of a Kluyveromyces marxianus and Saccharomyces cerevisiae AY-5 hybrid. <i>Engineering in Life Sciences</i> , 2012 , 12, 656-661	3.4	6
17	Biosynthetic Pathway for Ethyl Butyrate Production in. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 4252-4260	5.7	5
16	Production of 2,3-butanediol by Enterobacter cloacae from corncob-derived xylose. <i>Turkish Journal of Biology</i> , 2016 , 40, 856-865	3.1	4
15	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	8.5	4
14	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	3.1	3
13	Regulating the Golgi apparatus sorting of proteinase A to decrease its excretion in Saccharomyces cerevisiae. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2019 , 46, 601-612	4.2	2
12	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 Aureobasidium pullulans. <i>World Journal of Microbiology and Biotechnology</i> , 2017 , 34, 11	4.4	2
11	Corn cob Residue Pretreatment for 2,3-Butanediol Production by Simultaneous Saccharification and Fermentation. <i>Lecture Notes in Electrical Engineering</i> , 2014 , 1469-1479	0.2	2
10	Effect of MIG1 Gene Deletion on Lactose Utilization in Lac+ Saccharomyces cerevisiae Engineering Strains. <i>Lecture Notes in Electrical Engineering</i> , 2015 , 143-151	0.2	2
9	Uncoupling glucose sensing from GAL metabolism for heterologous lactose fermentation in Saccharomyces cerevisiae. <i>Biotechnology Letters</i> , 2021 , 43, 1607-1616	3	2

8	Enhancement of C ₆ -C ₁₀ fatty acid ethyl esters production in <i>Saccharomyces cerevisiae</i> CA by metabolic engineering. <i>LWT - Food Science and Technology</i> , 2021 , 145, 111496	5.4	2
7	Metabolic Engineering of for Ethyl Acetate Biosynthesis. <i>ACS Synthetic Biology</i> , 2021 , 10, 495-504	5.7	2
6	Effect of the Deletion of Genes Related to Amino Acid Metabolism on the Production of Higher Alcohols by. <i>BioMed Research International</i> , 2020 , 2020, 6802512	3	1
5	Development of HPLC Method for Determination of the Content of Tyramine in Rice Wine. <i>Lecture Notes in Electrical Engineering</i> , 2014 , 557-563	0.2	1
4	Analysis of the molecular basis of <i>Saccharomyces cerevisiae</i> mutant with high nucleic acid content by comparative transcriptomics. <i>Food Research International</i> , 2021 , 142, 110188	7	1
3	Increased RNA production in <i>Saccharomyces cerevisiae</i> by simultaneously overexpressing FHL1, IFH1, and SSF2 and deleting HRP1. <i>Applied Microbiology and Biotechnology</i> , 2020 , 104, 7901-7913	5.7	0
2	Increasing Galactose Utilized Ability of <i>Saccharomyces cerevisiae</i> Through Gene Engineering. <i>Lecture Notes in Electrical Engineering</i> , 2014 , 213-219	0.2	
1	Improved Lactose Utilization by Overexpression of Galactosidase and Lactose Permease in <i>Klebsiella pneumoniae</i> . <i>Lecture Notes in Electrical Engineering</i> , 2015 , 121-131	0.2	