

Sufang Zhang

List of Publications by Year in Descending Order

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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.

39
papers

791
citations

14
h-index

27
g-index

44
ext. papers

1,103
ext. citations

4.2
avg, IF

3.83
L-index

#	Paper	IF	Citations
39	Comprehensive metabolite analysis of wheat dough in a continuous heating process.. <i>Food Research International</i> , 2022 , 153, 110972	7	0
38	Moderate papain addition improves the physicochemical, microbiological, flavor and sensorial properties of Chouguiyu, traditional Chinese fermented fish. <i>Food Bioscience</i> , 2022 , 46, 101587	4.9	0
37	Engineering the Oleaginous Yeast for Improved Resistance Against Inhibitors in Biomass Hydrolysates. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 768934	5.8	0
36	Effects of salt concentration on the quality of paocai, a fermented vegetable product from China. <i>Journal of the Science of Food and Agriculture</i> , 2021 , 101, 6202-6210	4.3	2
35	Inhibition of biogenic amines accumulation during Yucha fermentation by autochthonous <i>Lactobacillus plantarum</i> strains. <i>Journal of Food Processing and Preservation</i> , 2021 , 45, e15291	2.1	1
34	Analysis of carotenoid profile changes and carotenogenic genes transcript levels in <i>Rhodosporidium toruloides</i> mutants from an optimized <i>Agrobacterium tumefaciens</i> -mediated transformation method. <i>Biotechnology and Applied Biochemistry</i> , 2021 , 68, 71-81	2.8	3
33	Relationships between the bacterial diversity and metabolites of a Chinese fermented pork product, sour meat. <i>International Journal of Food Science and Technology</i> , 2021 , 56, 2742-2750	3.8	3
32	Improving the quality of Suancai by inoculating with <i>Lactobacillus plantarum</i> and <i>Pediococcus pentosaceus</i> . <i>Food Research International</i> , 2021 , 148, 110581	7	2
31	Moderate fermentation contributes to the formation of typical aroma and good organoleptic properties: A study based on different brands of Chouguiyu. <i>LWT - Food Science and Technology</i> , 2021 , 152, 112325	5.4	1
30	Bacterial profiles and volatile flavor compounds in commercial Suancai with varying salt concentration from Northeastern China. <i>Food Research International</i> , 2020 , 137, 109384	7	11
29	<i>Rhodosporidium toruloides</i> - A potential red yeast chassis for lipids and beyond. <i>FEMS Yeast Research</i> , 2020 , 20,	3.1	30
28	Effects of flavourzyme addition on physicochemical properties, volatile compound components and microbial community succession of Suanzhayu. <i>International Journal of Food Microbiology</i> , 2020 , 334, 108839	5.8	7
27	The complete mitochondrial genome of the lipid-producing yeast <i>Rhodotorula toruloides</i> . <i>FEMS Yeast Research</i> , 2020 , 20,	3.1	1
26	Expression of Vhb Improved Lipid Production in <i>Rhodosporidium toruloides</i> . <i>Energies</i> , 2020 , 13, 4446	3.1	3
25	Developing a CRISPR/Cas9 System for Genome Editing in the Basidiomycetous Yeast <i>Rhodosporidium toruloides</i> . <i>Biotechnology Journal</i> , 2019 , 14, e1900036	5.6	18
24	RNA interference in the oleaginous yeast <i>Rhodosporidium toruloides</i> . <i>FEMS Yeast Research</i> , 2019 , 19,	3.1	9
23	Developing a flippase-mediated maker recycling protocol for the oleaginous yeast <i>Rhodosporidium toruloides</i> . <i>Biotechnology Letters</i> , 2018 , 40, 933-940	3	7

22	Efficient co-expression of multiple enzymes from a single promoter mediated by virus 2A sequence in the oleaginous yeast <i>Rhodospordium toruloides</i> . <i>FEMS Yeast Research</i> , 2018 , 18,	3.1	7
21	Expression of phosphotransacetylase in leading to improved cell growth and lipid production.. <i>RSC Advances</i> , 2018 , 8, 24673-24678	3.7	14
20	Systems analysis of phosphate-limitation-induced lipid accumulation by the oleaginous yeast. <i>Biotechnology for Biofuels</i> , 2018 , 11, 148	7.8	51
19	Exchanging the order of carotenogenic genes linked by porcine teschovirus-1 2A peptide enable to optimize carotenoid metabolic pathway in .. <i>RSC Advances</i> , 2018 , 8, 34967-34972	3.7	6
18	Characterization the carotenoid productions and profiles of three <i>Rhodospordium toruloides</i> mutants from <i>Agrobacterium tumefaciens</i> -mediated transformation. <i>Yeast</i> , 2017 , 34, 335-342	3.4	15
17	Fast and efficient genetic transformation of oleaginous yeast <i>Rhodospordium toruloides</i> by using electroporation. <i>FEMS Yeast Research</i> , 2017 , 17,	3.1	27
16	Development of an <i>Agrobacterium</i> -Mediated Transformation Method and Evaluation of Two Exogenous Constitutive Promoters in Oleaginous Yeast <i>Lipomyces starkeyi</i> . <i>Applied Biochemistry and Biotechnology</i> , 2017 , 183, 867-875	3.2	8
15	Homologous gene targeting of a carotenoids biosynthetic gene in <i>Rhodospordium toruloides</i> by <i>Agrobacterium</i> -mediated transformation. <i>Biotechnology Letters</i> , 2017 , 39, 1001-1007	3	14
14	Overexpression of Δ2-Fatty Acid Desaturase in the Oleaginous Yeast <i>Rhodospordium toruloides</i> for Production of Linoleic Acid-Rich Lipids. <i>Applied Biochemistry and Biotechnology</i> , 2016 , 180, 1497-1507 ²	3.2	32
13	Cloning and evaluation of different constitutive promoters in the oleaginous yeast <i>Rhodospordium toruloides</i> . <i>Yeast</i> , 2016 , 33, 99-106	3.4	40
12	Dynamics of the lipid droplet proteome of the Oleaginous yeast <i>rhodospordium toruloides</i> . <i>Eukaryotic Cell</i> , 2015 , 14, 252-64		58
11	A metabolomics-based method for studying the effect of <i>yfcC</i> gene in <i>Escherichia coli</i> on metabolism. <i>Analytical Biochemistry</i> , 2014 , 451, 48-55	3.1	16
10	Functional integration of multiple genes into the genome of the oleaginous yeast <i>Rhodospordium toruloides</i> . <i>FEMS Yeast Research</i> , 2014 , 14, 547-55	3.1	70
9	Highly-efficient colony PCR method for red yeasts and its application to identify mutations within two leucine auxotroph mutants. <i>Yeast</i> , 2012 , 29, 467-74	3.4	7
8	A multi-omic map of the lipid-producing yeast <i>Rhodospordium toruloides</i> . <i>Nature Communications</i> , 2012 , 3, 1112	17.4	244
7	Characterization of the mitochondrial NAD ⁺ -dependent isocitrate dehydrogenase of the oleaginous yeast <i>Rhodospordium toruloides</i> . <i>Applied Microbiology and Biotechnology</i> , 2012 , 94, 1095-105 ⁷	5.7	14
6	Efficient gene disruption in <i>Saccharomyces cerevisiae</i> using marker cassettes with long homologous arms prepared by the restriction-free cloning strategy. <i>World Journal of Microbiology and Biotechnology</i> , 2011 , 27, 2999-3003	4.4	7
5	High-quality RNA preparation from <i>Rhodospordium toruloides</i> and cDNA library construction therewith. <i>Molecular Biotechnology</i> , 2011 , 47, 144-51	3	7

4	Purification and characterization of a α ,3-glucomannanase expressed in <i>Pichia pastoris</i> . <i>Enzyme and Microbial Technology</i> , 2011 , 49, 223-8	3.8	4
3	The isocitrate dehydrogenase gene of oleaginous yeast <i>Lipomyces starkeyi</i> is linked to lipid accumulation. <i>Canadian Journal of Microbiology</i> , 2009 , 55, 1062-9	3.2	23
2	Identification of the orotidine-5 β monophosphate decarboxylase gene of the oleaginous yeast <i>Rhodospiridium toruloides</i> . <i>Yeast</i> , 2008 , 25, 623-30	3.4	10
1	PCR-based strategy for construction of multi-site-saturation mutagenic expression library. <i>Journal of Microbiological Methods</i> , 2007 , 71, 225-30	2.8	16