Zhi-Peng Wang

List of Publications by Year
in descending order

46	1,287	304743 22	377865 34
papers	citations	h-index	g-index

47	47	47	1118
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Laminaria japonica hydrolysate promotes fucoxanthin accumulation in Phaeodactylum tricornutum. Bioresource Technology, 2022, 344, 126117.	9.6	12
2	Production, Biosynthesis, and Commercial Applications of Fatty Acids From Oleaginous Fungi. Frontiers in Nutrition, 2022, 9, .	3.7	14
3	Production of a thermo-tolerant Î²-carrageenase via a food-grade host and anti-oxidant activity of its enzymatic hydrolysate. Food Chemistry, 2021, 339, 128027.	8.2	13
4	Analysis of selection signatures on the Z chromosome of bidirectional selection broiler lines for the assessment of abdominal fat content. BMC Genomic Data, 2021, 22, 18.	1.7	3
5	Secretory Expression of an Alkaline Alginate Lyase With Heat Recovery Property in Yarrowia lipolytica. Frontiers in Microbiology, 2021, 12, 710533.	3.5	6
6	Whole conversion of agro-industrial wastes rich in galactose-based carbohydrates into lipid using oleaginous yeast Aureobasidium namibiae. Biotechnology for Biofuels, 2021, 14, 181.	6.2	4
7	Expression and Characterization of a Novel Cold-Adapted Chitosanase from Marine Renibacterium sp. Suitable for Chitooligosaccharides Preparation. Marine Drugs, 2021, 19, 596.	4.6	6
8	Characterization of a New Intracellular Alginate Lyase with Metal Ions-Tolerant and pH-Stable Properties. Marine Drugs, 2020, 18, 416.	4.6	13
9	Characterization of a Robust and pH-Stable Tannase from Mangrove-Derived Yeast Rhodosporidium diobovatum Q95. Marine Drugs, 2020, 18, 546.	4.6	13
10	One-step utilization of inulin for docosahexaenoic acid (DHA) production by recombinant Aurantiochytrium sp. carrying Kluyveromyces marxianus inulinase. Bioprocess and Biosystems Engineering, 2020, 43, 1801-1811.	3.4	5
11	Microevolutionary Dynamics of Chicken Genomes under Divergent Selection for Adiposity. IScience, 2020, 23, 101193.	4.1	9
12	Novel strategy of incorporating biochar in solid-state fermentation for enhancing erythritol production by forming â€œmicrozonesâ€• Bioresource Technology, 2020, 306, 123141.	9.6	11
13	Characterization of Nuclear and Mitochondrial Genomes of Two Tobacco Endophytic Fungi Leptosphaerulina chartarum and Curvularia trifolii and Their Contributions to Phylogenetic Implications in the Pleosporales. International Journal of Molecular Sciences, 2020, 21, 2461.	4.1	7
14	Cloning, Secretory Expression and Characterization of a Unique pH-Stable and Cold-Adapted Alginate Lyase. Marine Drugs, 2020, 18, 189.	4.6	31
15	Biglycan as a potential diagnostic and prognostic biomarker in multiple human cancers. Oncology Letters, 2020, 19, 1673-1682.	1.8	25
16	Enhancing the erythritol production by Yarrowia lipolytica from waste oil using loofah sponge as oil-in-water dispersant. Biochemical Engineering Journal, 2019, 151, 107302.	3.6	13
17	Whole Conversion of Soybean Molasses into Isomaltulose and Ethanol by Combining Enzymatic Hydrolysis and Successive Selective Fermentations. Biomolecules, 2019, 9, 353.	4.0	8
18	Integrated Approaches to Reveal Genes Crucial for Tannin Degradation in Aureobasidium melanogenum T9. Biomolecules, 2019, 9, 439.	4.0	11

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19	Improved pullulan production by a mutant of Aureobasidium melanogenum TN3-1 from a natural honey and capsule shell preparation. International Journal of Biological Macromolecules, 2019, 141, 268-277.	7.5	29
20	Oil crop wastes as substrate candidates for enhancing erythritol production by modified Yarrowia lipolytica via one-step solid state fermentation. Bioresource Technology, 2019, 294, 122194.	9.6	27
21	High-Throughput Biochemical Fingerprinting of Oleaginous Aurantiochytrium sp. Strains by Fourier Transform Infrared Spectroscopy (FT-IR) for Lipid and Carbohydrate Productions. Molecules, 2019, 24, 1593.	3.8	9
22	Transcriptomic Mechanism of the Phytohormone 6-Benzylaminopurine (6-BAP) Stimulating Lipid and DHA Synthesis in Aurantiochytrium sp.. Journal of Agricultural and Food Chemistry, 2019, 67, 5560-5570.	5.2	23
23	Fungal community analysis in seawater of the Mariana Trench as estimated by Illumina HiSeq. RSC Advances, 2019, 9, 6956-6964.	3.6	22
24	Efficient Conversion of Cane Molasses Towards High-Purity Isomaltulose and Cellular Lipid Using an Engineered Yarrowia lipolytica Strain in Fed-Batch Fermentation. Molecules, 2019, 24, 1228.	3.8	29
25	Combined enzymatic hydrolysis and selective fermentation for green production of alginate oligosaccharides from Laminaria japonica. Bioresource Technology, 2019, 281, 84-89.	9.6	49
26	Transcriptome Mechanism of Utilizing Corn Steep Liquor as the Sole Nitrogen Resource for Lipid and DHA Biosynthesis in Marine Oleaginous Protist Aurantiochytrium sp.. Biomolecules, 2019, 9, 695.	4.0	8
27	Overexpression of secreted sucrose isomerase in Yarrowia lipolytica and its application in isomaltulose production after immobilization. International Journal of Biological Macromolecules, 2019, 121, 97-103.	7.5	21
28	High and efficient isomaltulose production using an engineered Yarrowia lipolytica strain. Bioresource Technology, 2018, 265, 577-580.	9.6	40
29	Novel two-stage solid-state fermentation for erythritol production on okaraâ€“buckwheat husk medium. Bioresource Technology, 2018, 266, 439-446.	9.6	27
30	Improvement in the thermostability of chitosanase from Bacillus ehimensis by introducing artificial disulfide bonds. Biotechnology Letters, 2016, 38, 1809-1815.	2.2	20
31	Microbial biosynthesis and secretion of<scp>l</scp>-malic acid and its applications. Critical Reviews in Biotechnology, 2016, 36, 99-107.	9.0	133
32	Role of pyruvate carboxylase in accumulation of intracellular lipid of the oleaginous yeast Yarrowia lipolytica ACA-DC 50109. Applied Microbiology and Biotechnology, 2015, 99, 1637-1645.	3.6	32
33	Yeast killer toxins, molecular mechanisms of their action and their applications. Critical Reviews in Biotechnology, 2015, 35, 222-234.	9.0	84
34	Taxonomy ofAureobasidiumspp. and biosynthesis and regulation of their extracellular polymers. Critical Reviews in Microbiology, 2015, 41, 228-237.	6.1	74
35	Direct conversion of inulin into cell lipid by an inulinase-producing yeast Rhodosporidium toruloides 2F5. Bioresource Technology, 2014, 161, 131-136.	9.6	26
36	High-level pullulan production by Aureobasidium pullulans var. melanogenium P16 isolated from mangrove system. Applied Microbiology and Biotechnology, 2014, 98, 4865-4873.	3.6	69

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37	Heavy oils, principally long-chain n-alkanes secreted by Aureobasidium pullulans var. melanogenum strain P5 isolated from mangrove system. Journal of Industrial Microbiology and Biotechnology, 2014, 41, 1329-1337.	3.0	33
38	Calcium malate overproduction by Penicillium viticola 152 using the medium containing corn steep liquor. Applied Microbiology and Biotechnology, 2014, 98, 1539-1546.	3.6	49
39	Citric acid production from extract of Jerusalem artichoke tubers by the genetically engineered yeast Yarrowia lipolytica strain 30 and purification of citric acid. Bioprocess and Biosystems Engineering, 2013, 36, 1759-1766.	3.4	30
40	The changes in Tps1 activity, trehalose content and expression of TPS1 gene in the psychrotolerant yeast Guehomyces pullulans 17-1 grown at different temperatures. Extremophiles, 2013, 17, 241-249.	2.3	22
41	Disruption of the MIG1 gene enhances lipid biosynthesis in the oleaginous yeast Yarrowia lipolytica ACA-DC 50109. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2013, 1831, 675-682.	2.4	70
42	High-level production of calcium malate from glucose by Penicillium sclerotiorum K302. Bioresource Technology, 2013, 143, 674-677.	9.6	28
43	Cloning, characterization and heterelogous expression of the INU1 gene from Cryptococcus aureus HYA. Gene, 2013, 516, 255-262.	2.2	17
44	Overproduction of poly(Î²-malic acid) (PMA) from glucose by a novel Aureobasidium sp. P6 strain isolated from mangrove system. Applied Microbiology and Biotechnology, 2013, 97, 8931-8939.	3.6	35
45	High level lipid production by a novel inulinase-producing yeast Pichia guilliermondii Pcla22. Bioresource Technology, 2012, 124, 77-82.	9.6	51
46	Occurrence and Diversity of Yeasts in the Mangrove Ecosystems in Fujian, Guangdong and Hainan Provinces of China. Indian Journal of Microbiology, 2012, 52, 346-353.	2.7	26