

Yiming Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

594
citations

932766

10
h-index

1199166

12
g-index

14
all docs

14
docs citations

14
times ranked

836
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbial acetyl-CoA metabolism and metabolic engineering. <i>Metabolic Engineering</i> , 2015, 28, 28-42.	3.6	237
2	A gRNA-tRNA array for CRISPR-Cas9 based rapid multiplexed genome editing in <i>Saccharomyces cerevisiae</i> . <i>Nature Communications</i> , 2019, 10, 1053.	5.8	164
3	Rewiring Central Carbon Metabolism Ensures Increased Provision of Acetyl-CoA and NADPH Required for 3-OH-Propionic Acid Production. <i>ACS Synthetic Biology</i> , 2020, 9, 3236-3244.	1.9	36
4	Ach1 is involved in shuttling mitochondrial acetyl units for cytosolic C2 provision in <i>Saccharomyces cerevisiae</i> lacking pyruvate decarboxylase. <i>FEMS Yeast Research</i> , 2015, 15, .	1.1	28
5	Metabolic engineering of <i>Saccharomyces cerevisiae</i> for production of fatty acid-derived hydrocarbons. <i>Biotechnology and Bioengineering</i> , 2018, 115, 2139-2147.	1.7	25
6	Yeast based biorefineries for oleochemical production. <i>Current Opinion in Biotechnology</i> , 2021, 67, 26-34.	3.3	21
7	Adaptive mutations in sugar metabolism restore growth on glucose in a pyruvate decarboxylase negative yeast strain. <i>Microbial Cell Factories</i> , 2015, 14, 116.	1.9	19
8	Expressing a cytosolic pyruvate dehydrogenase complex to increase free fatty acid production in <i>Saccharomyces cerevisiae</i> . <i>Microbial Cell Factories</i> , 2020, 19, 226.	1.9	19
9	Functional pyruvate formate lyase pathway expressed with two different electron donors in <i>Saccharomyces cerevisiae</i> at aerobic growth. <i>FEMS Yeast Research</i> , 2015, 15, fov024.	1.1	17
10	Improving heterologous protein secretion at aerobic conditions by activating hypoxia-induced genes in <i>Saccharomyces cerevisiae</i> . <i>FEMS Yeast Research</i> , 2015, 15, fov070.	1.1	13
11	Transcription Factor-Based Biosensor for Dynamic Control in Yeast for Natural Product Synthesis. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 635265.	2.0	9
12	Rewiring regulation on respiration-fermentative metabolism relieved Crabtree effects in <i>Saccharomyces cerevisiae</i> . <i>Synthetic and Systems Biotechnology</i> , 2022, 7, 1034-1043.	1.8	6