

Stephan Lane

List of Publications by Year in descending order

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13
papers

470
citations

759233

12
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

611
citing authors

#	ARTICLE	IF	CITATIONS
1	Glycolate production by a <i>Chlamydomonas reinhardtii</i> mutant lacking carbon-concentrating mechanism. <i>Journal of Biotechnology</i> , 2021, 335, 39-46.	3.8	7
2	Complete and efficient conversion of plant cell wall hemicellulose into high-value bioproducts by engineered yeast. <i>Nature Communications</i> , 2021, 12, 4975.	12.8	35
3	Redirection of the Glycolytic Flux Enhances Isoprenoid Production in <i>Saccharomyces cerevisiae</i> . <i>Biotechnology Journal</i> , 2020, 15, e1900173.	3.5	24
4	Xylose assimilation enhances the production of isobutanol in engineered <i>Saccharomyces cerevisiae</i> . <i>Biotechnology and Bioengineering</i> , 2020, 117, 372-381.	3.3	43
5	Deletion of <i>JEN1</i> and <i>ADY2</i> reduces lactic acid yield from an engineered <i>Saccharomyces cerevisiae</i> , in xylose medium, expressing a heterologous lactate dehydrogenase. <i>FEMS Yeast Research</i> , 2019, 19, .	2.3	15
6	Xylose utilization stimulates mitochondrial production of isobutanol and 2-methyl-1-butanol in <i>Saccharomyces cerevisiae</i> . <i>Biotechnology for Biofuels</i> , 2019, 12, 223.	6.2	38
7	Improved squalene production through increasing lipid contents in <i>Saccharomyces cerevisiae</i> . <i>Biotechnology and Bioengineering</i> , 2018, 115, 1793-1800.	3.3	65
8	Value-added biotransformation of cellulosic sugars by engineered <i>Saccharomyces cerevisiae</i> . <i>Bioresource Technology</i> , 2018, 260, 380-394.	9.6	42
9	Glucose repression can be alleviated by reducing glucose phosphorylation rate in <i>Saccharomyces cerevisiae</i> . <i>Scientific Reports</i> , 2018, 8, 2613.	3.3	62
10	Enhanced isoprenoid production from xylose by engineered <i>Saccharomyces cerevisiae</i> . <i>Biotechnology and Bioengineering</i> , 2017, 114, 2581-2591.	3.3	68
11	Enhanced production of 2,3-butanediol in pyruvate decarboxylase-deficient <i>Saccharomyces cerevisiae</i> through optimizing ratio of glucose/galactose. <i>Biotechnology Journal</i> , 2016, 11, 1424-1432.	3.5	18
12	Mitigating health risks associated with alcoholic beverages through metabolic engineering. <i>Current Opinion in Biotechnology</i> , 2016, 37, 173-181.	6.6	13
13	Development and physiological characterization of cellobiose-consuming <i>Yarrowia lipolytica</i> . <i>Biotechnology and Bioengineering</i> , 2015, 112, 1012-1022.	3.3	40