Stephan Lane

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1456917/publications.pdf

Version: 2024-02-01

13	470	759233 12	1125743 13
papers	citations	h-index	g-index

13	13	13	611
all docs	docs citations	times ranked	citing authors

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