Huan Fang

List of Publications by Year
in descending order

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15	692	1040056	996975
papers	citations	9	15
		h-index	g-index

16	16	16	888
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification of a xyloseâ€inducible promoter and its application for improving vitamin B₁₂ production in Sinorhizobium meliloti. Biotechnology and Applied Biochemistry, 2021, 68, 856-864.	3.1	1
2	Metabolic profiling analysis of the vitamin B₁₂ producer Propionibacterium freudenreichii. MicrobiologyOpen, 2021, 10, e1199.	3.0	6
3	Expanding application of CRISPR-Cas9 system in microorganisms. Synthetic and Systems Biotechnology, 2020, 5, 269-276.	3.7	21
4	Biosensor-based monitoring of the central metabolic pathway metabolites. Biosensors and Bioelectronics, 2020, 167, 112456.	10.1	9
5	Bacillus subtilis: a universal cell factory for industry, agriculture, biomaterials and medicine. Microbial Cell Factories, 2020, 19, 173.	4.0	194
6	A multistrategy approach for improving the expression of E. coli phytase in Pichia pastoris. Journal of Industrial Microbiology and Biotechnology, 2020, 47, 1161-1172.	3.0	10
7	Metabolic engineering and optimization of the fermentation medium for vitamin B12 production in Escherichia coli. Bioprocess and Biosystems Engineering, 2020, 43, 1735-1745.	3.4	10
8	Optimization of hydrogenobyrinic acid biosynthesis in Escherichia coli using multi-level metabolic engineering strategies. Microbial Cell Factories, 2020, 19, 118.	4.0	7
9	High-Efficiency Secretion and Directed Evolution of Chitinase BcChiA1 in Bacillus subtilis for the Conversion of Chitinaceous Wastes Into Chitooligosaccharides. Frontiers in Bioengineering and Biotechnology, 2020, 8, 432.	4.1	10
10	Engineering Escherichia coli to improve tryptophan production via genetic manipulation of precursor and cofactor pathways. Synthetic and Systems Biotechnology, 2020, 5, 200-205.	3.7	17
11	Metabolic engineering of Escherichia coli for production of chemicals derived from the shikimate pathway. Journal of Industrial Microbiology and Biotechnology, 2020, 47, 525-535.	3.0	19
12	Metabolic engineering of Escherichia coli for de novo biosynthesis of vitamin B12. Nature Communications, 2018, 9, 4917.	12.8	99
13	Microbial production of vitamin B12: a review and future perspectives. Microbial Cell Factories, 2017, 16, 15.	4.0	260
14	In Vitro Optimization of Enzymes Involved in Precorrin-2 Synthesis Using Response Surface Methodology. PLoS ONE, 2016, 11, e0151149.	2.5	12
15	A newly isolated and identified vitamin B12 producing strain: Sinorhizobium meliloti 320. Bioprocess and Biosystems Engineering, 2016, 39, 1527-1537.	3.4	17