

Huan Fang

List of Publications by Year in descending order

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15
papers

692
citations

1040056

9
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

888
citing authors

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