Yan Li

List of Publications by Year
in descending order

23 papers	535 citations	840776 11 h-index	677142 22 g-index
23 all docs	23 docs citations	23 times ranked	608 citing authors

#	Article	IF	Citations
1	Advances in Cadaverine Bacterial Production and Its Applications. Engineering, 2017, 3, 308-317.	6.7	81
2	Enhanced cadaverine production from l-lysine using recombinant Escherichia coli co-overexpressing CadA and CadB. Biotechnology Letters, 2015, 37, 799-806.	2.2	75
3	Engineering a pyridoxal 5â€™-phosphate supply for cadaverine production by using Escherichia coli whole-cell biocatalysis. Scientific Reports, 2015, 5, 15630.	3.3	59
4	Efficient enzymatic production of rebaudioside A from stevioside. Bioscience, Biotechnology and Biochemistry, 2016, 80, 67-73.	1.3	59
5	Synthesis of rebaudioside D, using glycosyltransferase UGTSL2 and in situ UDP-glucose regeneration. Food Chemistry, 2018, 259, 286-291.	8.2	45
6	Optimization of Culture Conditions for Enhanced Lysine Production Using Engineered Escherichia coli. Applied Biochemistry and Biotechnology, 2014, 172, 3835-3843.	2.9	40
7	Production of Rebaudioside A from Stevioside Catalyzed by the Engineered Saccharomyces cerevisiae. Applied Biochemistry and Biotechnology, 2016, 178, 1586-1598.	2.9	32
8	Production of rebaudioside D from stevioside using a UGTSL2 Asn358Phe mutant in a multiâ€enzyme system. Microbial Biotechnology, 2020, 13, 974-983.	4.2	28
9	Expression, purification and characterization of a thermostable leucine dehydrogenase from the halophilic thermophile Laceyella sacchari. Biotechnology Letters, 2016, 38, 855-861.	2.2	17
10	Enhancing catalytic stability and cadaverine tolerance by whole-cell immobilization and the addition of cell protectant during cadaverine production. Applied Microbiology and Biotechnology, 2018, 102, 7837-7847.	3.6	17
11	A fusion protein strategy for soluble expression of Stevia glycosyltransferase UGT76G1 in Escherichia coli. 3 Biotech, 2017, 7, 356.	2.2	14
12	Natural Product Glycosylation: Biocatalytic Synthesis of Quercetin-3,4â€²-O-diglucoside. Applied Biochemistry and Biotechnology, 2020, 190, 464-474.	2.9	10
13	Improved soluble bacterial expression and properties of the recombinant flavonoid glucosyltransferase UGT73G1 from Allium cepa. Journal of Biotechnology, 2017, 255, 9-15.	3.8	9
14	Characterisation of a Thermobacillus sucrose phosphorylase and its utility in enzymatic synthesis of 2-O-Î±-d-glucopyranosyl-l- ascorbic acid. Journal of Biotechnology, 2019, 305, 27-34.	3.8	9
15	Bioconversion of Stevioside to Rebaudioside E Using Glycosyltransferase UGTSL2. Applied Biochemistry and Biotechnology, 2021, 193, 637-649.	2.9	9
16	Biosynthetic L-tert-leucine using Escherichia coli co-expressing a novel NADH-dependent leucine dehydrogenase and a formate dehydrogenase. Electronic Journal of Biotechnology, 2020, 47, 83-88.	2.2	7
17	Expression, characterization, and site-directed mutagenesis of UDP-glycosyltransferase UGT88A1 from Arabidopsis thaliana. Bioengineered, 2019, 10, 142-149.	3.2	6
18	Biocatalytic synthesis of 2â€Oâ€Î±â€Dâ€glucopyranosylâ€Lâ€ascorbic acid using an extracellular expressed Î±â€glucosidase from Oryza sativa. Biotechnology Journal, 2021, 16, e2100199.	3.5	6

#	Article	IF	Citations
19	Identification, Heterologous Expression and Characterization of a Transaminase from Rhizobium sp.. Catalysis Letters, 2020, 150, 2415-2426.	2.6	4
20	Discovering and efficiently promoting the extracellular secretory expression of Thermobacillus sp. ZCTH02-B1 sucrose phosphorylase in Escherichia coli. International Journal of Biological Macromolecules, 2021, 173, 532-540.	7.5	4
21	Mutation of Stevia glycosyltransferase UGT76G1 for efficient biotransformation of rebaudioside E into rebaudioside M. Journal of Functional Foods, 2022, 92, 105033.	3.4	2
22	Exploring the Strategy of Fusing Sucrose Synthase to Glycosyltransferase UGT76G1 in Enzymatic Biotransformation. Applied Sciences (Switzerland), 2022, 12, 3911.	2.5	2
23	Efficient Production of 2-O-Î±-D-Glucosyl Glycerol Catalyzed by an Engineered Sucrose Phosphorylase from Bifidobacterium longum. Applied Biochemistry and Biotechnology, 0, , .	2.9	0