

Yaping Yang

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

574
citations

840119

11
h-index

996533

15
g-index

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all docs

17
docs citations

17
times ranked

810
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of antisense RNA-mediated quantifiable inhibition for metabolic regulation. <i>Metabolic Engineering Communications</i> , 2021, 12, e00168.	1.9	4
2	Developing a pyruvate-driven metabolic scenario for growth-coupled microbial production. <i>Metabolic Engineering</i> , 2019, 55, 191-200.	3.6	28
3	Synthetic symbiosis combining plasmid displacement enables rapid construction of phenotype-stable strains. <i>Metabolic Engineering</i> , 2019, 55, 85-91.	3.6	6
4	Antisense RNA Elements for Downregulating Expression. <i>Methods in Molecular Biology</i> , 2019, 1927, 23-35.	0.4	1
5	Exploring the Promiscuity of Phenol Hydroxylase from <i>Pseudomonas stutzeri</i> OX1 for the Biosynthesis of Phenolic Compounds. <i>ACS Synthetic Biology</i> , 2018, 7, 1238-1243.	1.9	13
6	Microbial production of branched-chain dicarboxylate 2-methylsuccinic acid via enoate reductase-mediated bioreduction. <i>Metabolic Engineering</i> , 2018, 45, 1-10.	3.6	18
7	Investigation of the Synergetic Effect of Xylose Metabolic Pathways on the Production of Glutaric Acid. <i>ACS Synthetic Biology</i> , 2018, 7, 24-29.	1.9	35
8	Bioproduction of Resveratrol. , 2018, , 61-79.		13
9	Microbial production of small medicinal molecules and biologics: From nature to synthetic pathways. <i>Biotechnology Advances</i> , 2018, 36, 2219-2231.	6.0	24
10	Sensor-regulator and RNAi based bifunctional dynamic control network for engineered microbial synthesis. <i>Nature Communications</i> , 2018, 9, 3043.	5.8	73
11	Protein-Adsorbed Magnetic-Nanoparticle-Mediated Assay for Rapid Detection of Bacterial Antibiotic Resistance. <i>Bioconjugate Chemistry</i> , 2017, 28, 890-896.	1.8	14
12	Elevating 4-hydroxycoumarin production through alleviating thioesterase-mediated salicyl-CoA degradation. <i>Metabolic Engineering</i> , 2017, 42, 59-65.	3.6	24
13	Engineering a bacterial platform for total biosynthesis of caffeic acid derived phenethyl esters and amides. <i>Metabolic Engineering</i> , 2017, 44, 89-99.	3.6	49
14	Establishing a synergetic carbon utilization mechanism for non-catabolic use of glucose in microbial synthesis of trehalose. <i>Metabolic Engineering</i> , 2017, 39, 1-8.	3.6	25
15	Incorporating Stimuli-Responsive Bacteria in Microfluidic Droplets. , 2015, , .		0
16	Regulating malonyl-CoA metabolism via synthetic antisense RNAs for enhanced biosynthesis of natural products. <i>Metabolic Engineering</i> , 2015, 29, 217-226.	3.6	159
17	Identification and Functional Demonstration of miRNAs in the Fungus <i>Cryptococcus neoformans</i> . <i>PLoS ONE</i> , 2012, 7, e52734.	1.1	88