

Feng Xu

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

416
citations

687220

13
h-index

752573

20
g-index

26
all docs

26
docs citations

26
times ranked

457
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-circulation of hemoglobin-loaded polymeric nanoparticles as oxygen carriers with modulated surface charges. <i>International Journal of Pharmaceutics</i> , 2009, 377, 199-206.	2.6	58
2	Multi-omics integrative analysis with genome-scale metabolic model simulation reveals global cellular adaptation of <i>Aspergillus niger</i> under industrial enzyme production condition. <i>Scientific Reports</i> , 2018, 8, 14404.	1.6	36
3	Integrated isotope-assisted metabolomics and ¹³ C metabolic flux analysis reveals metabolic flux redistribution for high glucoamylase production by <i>Aspergillus niger</i> . <i>Microbial Cell Factories</i> , 2015, 14, 147.	1.9	34
4	Comprehensive reconstruction and in silico analysis of <i>Aspergillus niger</i> genome-scale metabolic network model that accounts for 1210 ORFs. <i>Biotechnology and Bioengineering</i> , 2017, 114, 685-695.	1.7	33
5	Impacts of high ¹² -galactosidase expression on central metabolism of recombinant <i>Pichia pastoris</i> GS115 using glucose as sole carbon source via ¹³ C metabolic flux analysis. <i>Journal of Biotechnology</i> , 2014, 187, 124-134.	1.9	29
6	Comprehensive reconstruction and evaluation of <i>Pichia pastoris</i> genome-scale metabolic model that accounts for 1243 ORFs. <i>Bioresources and Bioprocessing</i> , 2017, 4, 22.	2.0	24
7	Mixomics analysis of <i>Bacillus subtilis</i> : effect of oxygen availability on riboflavin production. <i>Microbial Cell Factories</i> , 2017, 16, 150.	1.9	22
8	Controlling the feed rate of glucose and propanol for the enhancement of erythromycin production and exploration of propanol metabolism fate by quantitative metabolic flux analysis. <i>Bioprocess and Biosystems Engineering</i> , 2013, 36, 1445-1453.	1.7	20
9	¹³ C-assisted metabolomics analysis reveals the positive correlation between specific erythromycin production rate and intracellular propionyl-CoA pool size in <i>Saccharopolyspora erythraea</i> . <i>Bioprocess and Biosystems Engineering</i> , 2017, 40, 1337-1348.	1.7	17
10	Residues, dissipation, and safety evaluation of pymetrozine-clothianidin mixture in strawberry. <i>Environmental Science and Pollution Research</i> , 2021, 28, 22641-22650.	2.7	16
11	Residual behavior and dietary intake risk assessment of flonicamid, dinotefuran and its metabolites on peach trees. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 5842-5850.	1.7	16
12	Impacts of proline on the central metabolism of an industrial erythromycin-producing strain <i>Saccharopolyspora erythraea</i> via ¹³ C labeling experiments. <i>Journal of Biotechnology</i> , 2016, 231, 1-8.	1.9	15
13	Comparison of the PLA-mPEG and mPEG-PLA-mPEG copolymers nanoparticles on the plasma protein adsorption and in vivo biodistribution. <i>Soft Matter</i> , 2009, 5, 2875.	1.2	14
14	Exploring the metabolic fate of propanol in industrial erythromycin-producing strain via ¹³ C labeling experiments and enhancement of erythromycin production by rational metabolic engineering of <i>Saccharopolyspora erythraea</i> . <i>Biochemical and Biophysical Research Communications</i> , 2021, 542, 73-79.	1.0	12
15	Quantitative metabolic flux analysis revealed uneconomical utilization of ATP and NADPH in <i>Acremonium chrysogenum</i> fed with soybean oil. <i>Bioprocess and Biosystems Engineering</i> , 2010, 33, 1119-1129.	1.7	11
16	Combined ¹³ C-assisted metabolomics and metabolic flux analysis reveals the impacts of glutamate on the central metabolism of high ¹² -galactosidase-producing <i>Pichia pastoris</i> . <i>Bioresources and Bioprocessing</i> , 2016, 3, 47.	2.0	11
17	Blocking the flow of propionate into TCA cycle through a mutB knockout leads to a significant increase of erythromycin production by an industrial strain of <i>Saccharopolyspora erythraea</i> . <i>Bioprocess and Biosystems Engineering</i> , 2017, 40, 201-209.	1.7	11
18	In silico reconstruction and experimental validation of <i>Saccharopolyspora erythraea</i> genome-scale metabolic model iZZ1342 that accounts for 1685 ORFs. <i>Bioresources and Bioprocessing</i> , 2018, 5, .	2.0	7

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19	Residue analysis, dissipation patterns of chlorfenapyr, diafenthiuron and their corresponding metabolites in tea trees, and dietary intake risk assessment. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 5826-5836.	1.7	7
20	Dissipation behavior, residue transfer, and safety evaluation of chlorantraniliprole and indoxacarb during tea growing and brewing by ultrahigh-performance liquid chromatography-tandem mass spectrometry. <i>Environmental Science and Pollution Research</i> , 2022, 29, 63735-63752.	2.7	7
21	Reconstruction of the Genome-Scale Metabolic Model of <i>Saccharopolyspora erythraea</i> and Its Application in the Overproduction of Erythromycin. <i>Metabolites</i> , 2022, 12, 509.	1.3	6
22	Engineering of succinyl-CoA metabolism in view of succinylation regulation to improve the erythromycin production. <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 5153-5165.	1.7	6
23	Dissipation behaviour, residue analysis, and dietary safety evaluation of chlorfenapyr on various vegetables in China. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2022, , 1-16.	1.1	4
24	On stability analysis of cascaded linear time varying systems in dynamic isotope experiments. <i>AICHE Journal</i> , 2020, 66, e16911.	1.8	0
25	Chromatographic analysis and residue degradation of phenamacril and difenoconazole on strawberries. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2021, 38, 1-14.	1.1	0