

Jie Sun

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

422
citations

933447

10
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

738
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering of <i>Yarrowia lipolytica</i> for producing pyruvate from glycerol. <i>3 Biotech</i> , 2022, 12, 98.	2.2	0
2	Expression of the human antiapoptotic protein Bcl-2 increases nerolidol production in engineered yeast. <i>Process Biochemistry</i> , 2022, 119, 90-95.	3.7	0
3	Discovery and Functional Characterization of a Diverse Diterpene Synthase Family in the Medicinal Herb <i>Isodon lophanthoides</i> Var. <i>gerardiana</i> . <i>Plant and Cell Physiology</i> , 2021, 62, 1423-1435.	3.1	9
4	Increased torulene production by the red yeast, <i>Sporidiobolus pararoseus</i> , using citrus juice. <i>Preparative Biochemistry and Biotechnology</i> , 2020, 50, 66-73.	1.9	8
5	Efficient biocatalyst of L-DOPA with <i>Escherichia coli</i> expressing a tyrosine phenol-lyase mutant from <i>Kluyvera intermedia</i> . <i>Applied Biochemistry and Biotechnology</i> , 2020, 190, 1187-1200.	2.9	4
6	Overexpression of the transcription factor HAC1 improves nerolidol production in engineered yeast. <i>Enzyme and Microbial Technology</i> , 2020, 134, 109485.	3.2	16
7	High-Throughput Biochemical Fingerprinting of Oleaginous <i>Aurantiochytrium</i> sp. Strains by Fourier Transform Infrared Spectroscopy (FT-IR) for Lipid and Carbohydrate Productions. <i>Molecules</i> , 2019, 24, 1593.	3.8	9
8	Transcriptomic Mechanism of the Phytohormone 6-Benzylaminopurine (6-BAP) Stimulating Lipid and DHA Synthesis in <i>Aurantiochytrium</i> sp.. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 5560-5570.	5.2	23
9	Coexpression of Kex2 Endoproteinase and Hac1 Transcription Factor to Improve the Secretory Expression of Bovine Lactoferrin in <i>Pichia pastoris</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2019, 24, 934-941.	2.6	8
10	Expression of the hybrid antimicrobial peptide lactoferrin-lysozyme in <i>Pichia pastoris</i> . <i>Biotechnology and Applied Biochemistry</i> , 2019, 66, 202-208.	3.1	9
11	Acetylation and deacetylation for sucralose preparation by a newly isolated <i>Bacillus amyloliquefaciens</i> WZS01. <i>Journal of Bioscience and Bioengineering</i> , 2017, 123, 576-580.	2.2	7
12	Asymmetric reduction of ketopantolactone using a strictly (R)-stereoselective carbonyl reductase through efficient NADPH regeneration and the substrate constant-feeding strategy. <i>Biotechnology Letters</i> , 2017, 39, 1741-1746.	2.2	19
13	Synthesis and high-rate performance of spinel Li ₄ Ti ₅ O ₁₂ with core-shell hierarchical macro-mesoporous structure. <i>New Journal of Chemistry</i> , 2014, 38, 1173.	2.8	12
14	An oil droplet template method for the synthesis of hierarchical structured Co ₃ O ₄ /C anodes for Li-ion batteries. <i>Nanoscale</i> , 2013, 5, 7564.	5.6	43
15	Carbon Nanorings and Their Enhanced Lithium Storage Properties. <i>Advanced Materials</i> , 2013, 25, 1125-1130.	21.0	121
16	Carbon Nanorings and Their Enhanced Lithium Storage Properties (Adv. Mater. 8/2013). <i>Advanced Materials</i> , 2013, 25, 1124-1124.	21.0	4
17	GC-MS-based metabolomics study of the responses to arachidonic acid in <i>Blakeslea trispora</i> . <i>Fungal Genetics and Biology</i> , 2013, 57, 33-41.	2.1	30
18	Molecular cloning and functional expression of two key carotene synthetic genes derived from <i>Blakeslea trispora</i> into <i>E. coli</i> for increased β -carotene production. <i>Biotechnology Letters</i> , 2012, 34, 2077-2082.	2.2	10

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19	Improved β -carotene biosynthesis and gene transcription in <i>Blakeslea trispora</i> with arachidonic acid. <i>Biotechnology Letters</i> , 2012, 34, 2107-2111.	2.2	8
20	Synthesis of graphene nanosheets with good control over the number of layers within the two-dimensional galleries of layered double hydroxides. <i>Chemical Communications</i> , 2012, 48, 8126.	4.1	59
21	Metabolic Regulation of Trisporic Acid on <i>Blakeslea trispora</i> Revealed by a GC-MS-Based Metabolomic Approach. <i>PLoS ONE</i> , 2012, 7, e46110.	2.5	16