Jie Sun

List of Publications by Year
in descending order

21	422	933447 10	752698 20
papers	citations	h-index	g-index

22	22	22	738
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Carbon Nanorings and Their Enhanced Lithium Storage Properties. Advanced Materials, 2013, 25, 1125-1130.	21.0	121
2	Synthesis of graphene nanosheets with good control over the number of layers within the two-dimensional galleries of layered double hydroxides. Chemical Communications, 2012, 48, 8126.	4.1	59
3	An oil droplet template method for the synthesis of hierarchical structured Co3O4/C anodes for Li-ion batteries. Nanoscale, 2013, 5, 7564.	5.6	43
4	GCâ€“MS-based metabolomics study of the responses to arachidonic acid in Blakeslea trispora. Fungal Genetics and Biology, 2013, 57, 33-41.	2.1	30
5	Transcriptomic Mechanism of the Phytohormone 6-Benzylaminopurine (6-BAP) Stimulating Lipid and DHA Synthesis in Aurantiochytrium sp.. Journal of Agricultural and Food Chemistry, 2019, 67, 5560-5570.	5.2	23
6	Asymmetric reduction of ketopantolactone using a strictly (R)-stereoselective carbonyl reductase through efficient NADPH regeneration and the substrate constant-feeding strategy. Biotechnology Letters, 2017, 39, 1741-1746.	2.2	19
7	Overexpression of the transcription factor HAC1 improves nerolidol production in engineered yeast. Enzyme and Microbial Technology, 2020, 134, 109485.	3.2	16
8	Metabolic Regulation of Trisporic Acid on Blakeslea trispora Revealed by a GC-MS-Based Metabolomic Approach. PLoS ONE, 2012, 7, e46110.	2.5	16
9	Synthesis and high-rate performance of spinel Li4Ti5O12 with coreâ€“shell hierarchical macroâ€“mesoporous structure. New Journal of Chemistry, 2014, 38, 1173.	2.8	12
10	Molecular cloning and functional expression of two key carotene synthetic genes derived from Blakeslea trispora into E. coli for increased Î²-carotene production. Biotechnology Letters, 2012, 34, 2077-2082.	2.2	10
11	High-Throughput Biochemical Fingerprinting of Oleaginous Aurantiochytrium sp. Strains by Fourier Transform Infrared Spectroscopy (FT-IR) for Lipid and Carbohydrate Productions. Molecules, 2019, 24, 1593.	3.8	9
12	Expression of the hybrid antimicrobial peptide lactoferrinâ€“lysozyme in Pichia pastoris. Biotechnology and Applied Biochemistry, 2019, 66, 202-208.	3.1	9
13	Discovery and Functional Characterization of a Diverse Diterpene Synthase Family in the Medicinal HerbIsodon lophanthoidesVar.gerardiana. Plant and Cell Physiology, 2021, 62, 1423-1435.	3.1	9
14	Improved Î²-carotene biosynthesis and gene transcription in Blakeslea trispora with arachidonic acid. Biotechnology Letters, 2012, 34, 2107-2111.	2.2	8
15	Coexpression of Kex2 Endoproteinase and Hac1 Transcription Factor to Improve the Secretory Expression of Bovine Lactoferrin in Pichia pastoris. Biotechnology and Bioprocess Engineering, 2019, 24, 934-941.	2.6	8
16	Increased torulene production by the red yeast,Sporidiobolus pararoseus, using citrus juice. Preparative Biochemistry and Biotechnology, 2020, 50, 66-73.	1.9	8
17	Acetylation and deacetylation for sucralose preparation by a newly isolated Bacillus amyloliquefaciens WZS01. Journal of Bioscience and Bioengineering, 2017, 123, 576-580.	2.2	7
18	Carbon Nanorings and Their Enhanced Lithium Storage Properties (Adv. Mater. 8/2013). Advanced Materials, 2013, 25, 1124-1124.	21.0	4

#	Article	IF	Citations
19	Efficient biocatalyst of L-DOPA with Escherichia coli expressing a tyrosine phenol-lyase mutant from Kluyvera intermedia. Applied Biochemistry and Biotechnology, 2020, 190, 1187-1200.	2.9	4
20	Engineering of Yarrowia lipolytica for producing pyruvate from glycerol. 3 Biotech, 2022, 12, 98.	2.2	0
21	Expression of the human antiapoptotic protein Bcl-2 increases nerolidol production in engineered yeast. Process Biochemistry, 2022, 119, 90-95.	3.7	0