

Dong-Sheng Guo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1706714/publications.pdf>

Version: 2024-02-01

12
papers

500
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

349
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive evolution of <i>Schizochytrium</i> sp. by continuous high oxygen stimulations to enhance docosahexaenoic acid synthesis. <i>Bioresource Technology</i> , 2016, 211, 374-381.	9.6	92
2	Enhancement of docosahexaenoic acid synthesis by manipulation of antioxidant capacity and prevention of oxidative damage in <i>Schizochytrium</i> sp.. <i>Bioresource Technology</i> , 2017, 223, 141-148.	9.6	91
3	Development of a strategy for the production of docosahexaenoic acid by <i>Schizochytrium</i> sp. from cane molasses and algae-residue. <i>Bioresource Technology</i> , 2019, 271, 118-124.	9.6	65
4	Improving docosahexaenoic acid production by <i>Schizochytrium</i> sp. using a newly designed high-oxygen supply bioreactor. <i>AIChE Journal</i> , 2017, 63, 4278-4286.	3.6	55
5	Development of a real-time bioprocess monitoring method for docosahexaenoic acid production by <i>Schizochytrium</i> sp.. <i>Bioresource Technology</i> , 2016, 216, 422-427.	9.6	42
6	Development of a scale-up strategy for fermentative production of docosahexaenoic acid by <i>Schizochytrium</i> sp.. <i>Chemical Engineering Science</i> , 2018, 176, 600-608.	3.8	41
7	Development of a multi-stage continuous fermentation strategy for docosahexaenoic acid production by <i>Schizochytrium</i> sp.. <i>Bioresource Technology</i> , 2018, 269, 32-39.	9.6	38
8	Development of a method for the valorization of fermentation wastewater and algal-residue extract in docosahexaenoic acid production by <i>Schizochytrium</i> sp.. <i>Bioresource Technology</i> , 2018, 266, 482-487.	9.6	33
9	Development of a Strategy to Improve the Stability of Culture Environment for Docosahexaenoic Acid Fermentation by <i>Schizochytrium</i> sp.. <i>Applied Biochemistry and Biotechnology</i> , 2020, 192, 881-894.	2.9	17
10	Enhancement of polysaccharides production using microparticle enhanced technology by <i>Paraisaria dubia</i> . <i>Microbial Cell Factories</i> , 2022, 21, 12.	4.0	11
11	Development of a kinetics-integrated CFD model for the industrial scale-up of DHA fermentation using <i>Schizochytrium</i> sp.. <i>AIChE Journal</i> , 2022, 68, .	3.6	8
12	Transcriptomic Analysis of Morphology Regulatory Mechanisms of Microparticles to <i>Paraisaria dubia</i> in Submerged Fermentation. <i>Applied Biochemistry and Biotechnology</i> , 2022, 194, 4333-4347.	2.9	7