

Da-Wei Li

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,176
citations

567281
15
h-index

713466
21
g-index

22
all docs

22
docs citations

22
times ranked

1077
citing authors

#	ARTICLE	IF	CITATIONS
1	Improvement of Neutral Lipid and Polyunsaturated Fatty Acid Biosynthesis by Overexpressing a Type 2 Diacylglycerol Acyltransferase in Marine Diatom <i>Phaeodactylum tricornutum</i> . <i>Marine Drugs</i> , 2013, 11, 4558-4569.	4.6	229
2	Glucose-6-phosphate dehydrogenase as a target for highly efficient fatty acid biosynthesis in microalgae by enhancing NADPH supply. <i>Metabolic Engineering</i> , 2017, 41, 212-221.	7.0	156
3	Occurrence of plastidial triacylglycerol synthesis and the potential regulatory role of AGPAT in the model diatom <i>Phaeodactylum tricornutum</i> . <i>Biotechnology for Biofuels</i> , 2017, 10, 97.	6.2	115
4	A type 2 diacylglycerol acyltransferase accelerates the triacylglycerol biosynthesis in heterokont oleaginous microalga <i>Nannochloropsis oceanica</i> . <i>Journal of Biotechnology</i> , 2016, 229, 65-71.	3.8	113
5	Molecular characterization of a glycerol-3-phosphate acyltransferase reveals key features essential for triacylglycerol production in <i>Phaeodactylum tricornutum</i> . <i>Biotechnology for Biofuels</i> , 2016, 9, 60.	6.2	101
6	Transcriptional regulation of microalgae for concurrent lipid overproduction and secretion. <i>Science Advances</i> , 2019, 5, eaau3795.	10.3	68
7	Construction of Novel Chloroplast Expression Vector and Development of an Efficient Transformation System for the Diatom <i>Phaeodactylum tricornutum</i> . <i>Marine Biotechnology</i> , 2014, 16, 538-546.	2.4	65
8	The pivotal role of malic enzyme in enhancing oil accumulation in green microalga <i>Chlorella pyrenoidosa</i> . <i>Microbial Cell Factories</i> , 2016, 15, 120.	4.0	57
9	Examination of metabolic responses to phosphorus limitation via proteomic analyses in the marine diatom <i>Phaeodactylum tricornutum</i> . <i>Scientific Reports</i> , 2015, 5, 10373.	3.3	53
10	High-efficiency promoter-driven coordinated regulation of multiple metabolic nodes elevates lipid accumulation in the model microalga <i>Phaeodactylum tricornutum</i> . <i>Microbial Cell Factories</i> , 2018, 17, 54.	4.0	53
11	Constitutive and Chloroplast Targeted Expression of Acetyl-CoA Carboxylase in Oleaginous Microalgae Elevates Fatty Acid Biosynthesis. <i>Marine Biotechnology</i> , 2018, 20, 566-572.	2.4	36
12	Molecular exploration of algal interaction between the diatom <i>Phaeodactylum tricornutum</i> and the dinoflagellate <i>Alexandrium tamarense</i> . <i>Algal Research</i> , 2016, 17, 132-141.	4.6	29
13	Overproduction of Bioactive Algal Chrysolaminarin by the Critical Carbon Flux Regulator Phosphoglucosyltransferase. <i>Biotechnology Journal</i> , 2019, 14, 1800220.	3.5	25
14	Potential of concurrent expression of lipogenic genes by novel strong promoters in the oleaginous microalga <i>Phaeodactylum tricornutum</i> . <i>Biotechnology and Bioengineering</i> , 2019, 116, 3006-3015.	3.3	17
15	Enrichment of f/2 medium hyperaccumulates biomass and bioactive compounds in the diatom <i>Phaeodactylum tricornutum</i> . <i>Algal Research</i> , 2020, 47, 101872.	4.6	15
16	Changes in colonic microbiotas in rat after long-term exposure to low dose of okadaic acid. <i>Chemosphere</i> , 2020, 254, 126874.	8.2	14
17	Effective bioremediation of tobacco wastewater by microalgae at acidic pH for synergistic biomass and lipid accumulation. <i>Journal of Hazardous Materials</i> , 2022, 426, 127820.	12.4	13
18	Small RNA analysis of <i>Perna viridis</i> after exposure to <i>Prorocentrum lima</i> , a DSP toxins-producing dinoflagellate. <i>Aquatic Toxicology</i> , 2021, 239, 105950.	4.0	7

#	ARTICLE	IF	CITATIONS
19	Multi-omics analysis reveals metabolism of okadaic acid in gut lumen of rat. Archives of Toxicology, 2022, 96, 831-843.	4.2	6
20	Rapid and Effective Electroporation Protocol for Nannochloropsis oceanica. Methods in Molecular Biology, 2020, 2050, 175-179.	0.9	3
21	Plastidial and ER Triacylglycerol Biosynthesis in a Growth Phase-Dependent Manner in the Heterokont Nannochloropsis oceanica. Frontiers in Marine Science, 2020, 7, .	2.5	1
22	Transcriptional Engineering for Enhancing Valuable Components in Photosynthetic Microalgae. , 2019, , 353-366.		0