Xiang-Yuan Deng

List of Publications by Year
in descending order

15	391	840776 11	996975 15
papers	citations	h-index	g-index

15	15	15	462
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Interactive effects of polymethyl methacrylate (PMMA) microplastics and salinity variation on a marine diatom Phaeodactylum tricornutum. Chemosphere, 2022, 289, 133240.	8.2	15
2	Optimization of light intensity and photoperiod for growing Chlorella sorokiniana on cooking cocoon wastewater in a bubble-column bioreactor. Algal Research, 2022, 62, 102612.	4.6	8
3	A feasibility study of using silkworm larvae as a novel in vivo model to evaluate the biotoxicity of ionic liquids. Ecotoxicology and Environmental Safety, 2021, 209, 111759.	6.0	11
4	Cultivation of Chlorella sorokiniana in a bubble-column bioreactor coupled with cooking cocoon wastewater treatment: effects of initial cell density and aeration rate. Water Science and Technology, 2021, 83, 2615-2628.	2.5	12
5	Oxidative stress responses caused by dimethyl phthalate (DMP) and diethyl phthalate (DEP) in a marine diatom Phaeodactylum tricornutum. Marine Pollution Bulletin, 2021, 166, 112222.	5.0	12
6	Cultivation of Chlorella sorokiniana using wastewaters from different processing units of the silk industry for enhancing biomass production and nutrient removal. Journal of Chemical Technology and Biotechnology, 2020, 95, 264-273.	3.2	15
7	Using a freshwater green alga Chlorella pyrenoidosa to evaluate the biotoxicity of ionic liquids with different cations and anions. Ecotoxicology and Environmental Safety, 2020, 198, 110604.	6.0	21
8	Impacts of four ionic liquids exposure on a marine diatom Phaeodactylum tricornutum at physiological and biochemical levels. Science of the Total Environment, 2019, 665, 492-501.	8.0	28
9	Feasibility of Growing Chlorella sorokiniana on Cooking Cocoon Wastewater for Biomass Production and Nutrient Removal. Applied Biochemistry and Biotechnology, 2019, 188, 663-676.	2.9	19
10	Glucose additionâ€induced changes in the growth and chemical compositions of a freshwater microalga Chlorella kessleri. Journal of Chemical Technology and Biotechnology, 2019, 94, 1202-1209.	3.2	24
11	Potential toxicity of ionic liquid ([C12mim]BF4) on the growth and biochemical characteristics of a marine diatom Phaeodactylum tricornutum. Science of the Total Environment, 2017, 586, 675-684.	8.0	37
12	Growth and physiological responses of a marine diatom (Phaeodactylum tricornutum) against two imidazolium-based ionic liquids ([C4mim]BF4 and [C8mim]BF4). Aquatic Toxicology, 2017, 189, 115-122.	4.0	26
13	Biological effects of TiO2 and CeO2 nanoparticles on the growth, photosynthetic activity, and cellular components of a marine diatom Phaeodactylum tricornutum. Science of the Total Environment, 2017, 575, 87-96.	8.0	103
14	Growth inhibition and oxidative stress induced by 1-octyl-3-methylimidazolium bromide on the marine diatom Skeletonema costatum. Ecotoxicology and Environmental Safety, 2016, 132, 170-177.	6.0	30
15	Physiological and biochemical responses of Synechococcus sp. PCC7942 to Irgarol 1051 and diuron. Aquatic Toxicology, 2012, 122-123, 113-119.	4.0	30