

# Xiang-Yuan Deng

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

391  
citations

840776

11  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

462  
citing authors

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