Yu Hong

List of Publications by Year in descending order

36 papers	726 citations	516710 16 h-index	580821 25 g-index
37 all docs	37 docs citations	37 times ranked	740 citing authors

#	Article	IF	Citations
1	Hormesis-like growth and photosynthetic physiology of marine diatom Phaeodactylum tricornutum Bohlin exposed to polystyrene microplastics. Frontiers of Environmental Science and Engineering, 2022, 16, 1.	6.0	18
2	Cultivation of Chlorella sp. HQ in inland saline-alkaline water under different light qualities. Frontiers of Environmental Science and Engineering, 2022, 16, 1.	6.0	4
3	Microalgae-based swine wastewater treatment: Strain screening, conditions optimization, physiological activity and biomass potential. Science of the Total Environment, 2022, 807, 151008.	8.0	28
4	Microalgae Biofilm and Bacteria Symbiosis in Nutrient Removal and Carbon Fixation from Wastewater: a Review. Current Pollution Reports, 2022, 8, 128-146.	6.6	18
5	Recent Advances in Technologies for Removal of Microcystins in Water: a Review. Current Pollution Reports, 2022, 8, 113-127.	6.6	10
6	Attached cultivation of microalgae on rational carriers for swine wastewater treatment and biomass harvesting. Bioresource Technology, 2022, 351, 127014.	9.6	35
7	Microalgae cultivation in domestic wastewater for wastewater treatment and high value-added production: Species selection and comparison. Biochemical Engineering Journal, 2022, 185, 108493.	3.6	9
8	Exploring the multilevel effects of triclosan from development, reproduction to behavior using Drosophila melanogaster. Science of the Total Environment, 2021, 762, 144170.	8.0	13
9	Influence of light quality on Chlorella growth, photosynthetic pigments and high-valued products accumulation in coastal saline-alkali leachate. Journal of Water Reuse and Desalination, 2021, 11, 301-311.	2.3	12
10	Microalgae-Based Wastewater Treatment and Recovery with Biomass and Value-Added Products: a Brief Review. Current Pollution Reports, 2021, 7, 227-245.	6.6	53
11	Inactivation and Removal Technologies for Algal-Bloom Control: Advances and Challenges. Current Pollution Reports, 2021, 7, 392-406.	6.6	19
12	Detrimental effects induced by diisononyl phthalate on development and behavior of Drosophila larva and potential mechanisms. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2021, 243, 108967.	2.6	1
13	Effects of Fe3O4 nanoparticle fabrication and surface modification on Chlorella sp. harvesting efficiency. Science of the Total Environment, 2020, 704, 135286.	8.0	35
14	Exposure evaluation of diisononyl phthalate in the adults of Drosophila melanogaster: Potential risks in fertility, lifespan, behavior, and modes of action. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2020, 238, 108847.	2.6	4
15	Efficient microalgae inactivation and growth control by locally enhanced electric field treatment (LEEFT). Environmental Science: Nano, 2020, 7, 2021-2031.	4.3	8
16	Electric-field enhanced microalgae inactivation using a flow-through copper ionization cell. Journal of Hazardous Materials, 2020, 400, 123320.	12.4	8
17	Effects of cultivation strategies on the cultivation of Chlorella sp. HQ in photoreactors. Frontiers of Environmental Science and Engineering, 2019, 13, 1.	6.0	6
18	Influences of carbon and nitrogen sources and metal ions on the heterotrophic culture of Scenedesmus sp. LX1. Environmental Science and Pollution Research, 2019, 26, 13381-13389.	5.3	11

#	Article	IF	Citations
19	Growth and high-valued products accumulation characteristics of microalgae in saline-alkali leachate from Inner Mongolia. Environmental Science and Pollution Research, 2019, 26, 36985-36992.	5.3	6
20	An in situ method for synthesis of magnetic nanomaterials and efficient harvesting for oleaginous microalgae in algal culture. Algal Research, 2018, 31, 173-182.	4.6	17
21	Formation of disinfection byproducts from accumulated soluble products of oleaginous microalga after chlorination. Frontiers of Environmental Science and Engineering, 2017, 11, 1.	6.0	17
22	Effects of metal ions on the cultivation of an oleaginous microalga Chlorella sp.. Environmental Science and Pollution Research, 2017, 24, 26594-26604.	5.3	24
23	Long-chain poly-arginine functionalized porous Fe3O4 microspheres as magnetic flocculant for efficient harvesting of oleaginous microalgae. Algal Research, 2017, 27, 99-108.	4.6	19
24	Functional graphene-based magnetic nanocomposites as magnetic flocculant for efficient harvesting of oleaginous microalgae. Algal Research, 2016, 19, 86-95.	4.6	40
25	Magnetic nanoparticles grafted with amino-riched dendrimer as magnetic flocculant for efficient harvesting of oleaginous microalgae. Chemical Engineering Journal, 2016, 297, 304-314.	12.7	99
26	Selection and characterization of eight freshwater green algae strains for synchronous water purification and lipid production. Frontiers of Environmental Science and Engineering, 2016, 10, 548-558.	6.0	23
27	The effects of temperature on the growth, lipid accumulation and nutrient removal characteristics ofChlorellasp. HQ. Desalination and Water Treatment, 2016, 57, 10403-10408.	1.0	14
28	Effects of Nitrogen Sources and C/N Ratios on the Lipid-Producing Potential of Chlorella sp. HQ. Journal of Microbiology and Biotechnology, 2016, 26, 1290-1302.	2.1	20
29	Facile synthesis of anisotropic single crystalline Î±-Fe₂O₃ nanoplates and their facet-dependent catalytic performance. Inorganic Chemistry Frontiers, 2015, 2, 576-583.	6.0	33
30	Comparison in growth, lipid accumulation, and nutrient removal capacities of Chlorella sp. in secondary effluents under sterile and non-sterile conditions. Water Science and Technology, 2014, 69, 573-579.	2.5	11
31	Effects of stationary phase elongation and initial nitrogen and phosphorus concentrations on the growth and lipid-producing potential of Chlorella sp. HQ. Journal of Applied Phycology, 2014, 26, 141-149.	2.8	39
32	Comparison of growth and lipid accumulation properties of two oleaginous microalgae under different nutrient conditions. Frontiers of Environmental Science and Engineering, 2014, 8, 703-709.	6.0	17
33	Investigation of initial pH effects on growth of an oleaginous microalgae Chlorella sp. HQ for lipid production and nutrient uptake. Water Science and Technology, 2014, 70, 712-719.	2.5	31
34	Growth relationships of a lipid-producing Chlorella-alga with common microalgae in laboratory co-cultures. Microbiology, 2014, 83, 366-375.	1.2	7
35	Effects of a Novel Allelochemical Ethyl 2-Methyl Acetoacetate (EMA) on the Ultrastructure and Pigment Composition of Cyanobacterium Microcystis aeruginosa. Bulletin of Environmental Contamination and Toxicology, 2009, 83, 502-508.	2.7	14
36	Magnetic Nanomaterials for Water Remediation. , 0, , 515-546.		3