

# Yu Hong

## List of Publications by Year in descending order

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36  
papers

726  
citations

516710

16  
h-index

580821

25  
g-index

37  
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37  
docs citations

37  
times ranked

740  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic nanoparticles grafted with amino-riched dendrimer as magnetic flocculant for efficient harvesting of oleaginous microalgae. <i>Chemical Engineering Journal</i> , 2016, 297, 304-314.	12.7	99
2	Microalgae-Based Wastewater Treatment and Recovery with Biomass and Value-Added Products: a Brief Review. <i>Current Pollution Reports</i> , 2021, 7, 227-245.	6.6	53
3	Functional graphene-based magnetic nanocomposites as magnetic flocculant for efficient harvesting of oleaginous microalgae. <i>Algal Research</i> , 2016, 19, 86-95.	4.6	40
4	Effects of stationary phase elongation and initial nitrogen and phosphorus concentrations on the growth and lipid-producing potential of <i>Chlorella</i> sp. HQ. <i>Journal of Applied Phycology</i> , 2014, 26, 141-149.	2.8	39
5	Effects of Fe <sub>3</sub> O <sub>4</sub> nanoparticle fabrication and surface modification on <i>Chlorella</i> sp. harvesting efficiency. <i>Science of the Total Environment</i> , 2020, 704, 135286.	8.0	35
6	Attached cultivation of microalgae on rational carriers for swine wastewater treatment and biomass harvesting. <i>Bioresource Technology</i> , 2022, 351, 127014.	9.6	35
7	Facile synthesis of anisotropic single crystalline $\text{Fe}_2\text{O}_3$ nanoplates and their facet-dependent catalytic performance. <i>Inorganic Chemistry Frontiers</i> , 2015, 2, 576-583.	6.0	33
8	Investigation of initial pH effects on growth of an oleaginous microalgae <i>Chlorella</i> sp. HQ for lipid production and nutrient uptake. <i>Water Science and Technology</i> , 2014, 70, 712-719.	2.5	31
9	Microalgae-based swine wastewater treatment: Strain screening, conditions optimization, physiological activity and biomass potential. <i>Science of the Total Environment</i> , 2022, 807, 151008.	8.0	28
10	Effects of metal ions on the cultivation of an oleaginous microalga <i>Chlorella</i> sp.. <i>Environmental Science and Pollution Research</i> , 2017, 24, 26594-26604.	5.3	24
11	Selection and characterization of eight freshwater green algae strains for synchronous water purification and lipid production. <i>Frontiers of Environmental Science and Engineering</i> , 2016, 10, 548-558.	6.0	23
12	Effects of Nitrogen Sources and C/N Ratios on the Lipid-Producing Potential of <i>Chlorella</i> sp. HQ. <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 1290-1302.	2.1	20
13	Long-chain poly-arginine functionalized porous Fe <sub>3</sub> O <sub>4</sub> microspheres as magnetic flocculant for efficient harvesting of oleaginous microalgae. <i>Algal Research</i> , 2017, 27, 99-108.	4.6	19
14	Inactivation and Removal Technologies for Algal-Bloom Control: Advances and Challenges. <i>Current Pollution Reports</i> , 2021, 7, 392-406.	6.6	19
15	Hormesis-like growth and photosynthetic physiology of marine diatom <i>Phaeodactylum tricoratum</i> Bohlin exposed to polystyrene microplastics. <i>Frontiers of Environmental Science and Engineering</i> , 2022, 16, 1.	6.0	18
16	Microalgae Biofilm and Bacteria Symbiosis in Nutrient Removal and Carbon Fixation from Wastewater: a Review. <i>Current Pollution Reports</i> , 2022, 8, 128-146.	6.6	18
17	Comparison of growth and lipid accumulation properties of two oleaginous microalgae under different nutrient conditions. <i>Frontiers of Environmental Science and Engineering</i> , 2014, 8, 703-709.	6.0	17
18	Formation of disinfection byproducts from accumulated soluble products of oleaginous microalga after chlorination. <i>Frontiers of Environmental Science and Engineering</i> , 2017, 11, 1.	6.0	17

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19	An in situ method for synthesis of magnetic nanomaterials and efficient harvesting for oleaginous microalgae in algal culture. <i>Algal Research</i> , 2018, 31, 173-182.	4.6	17
20	Effects of a Novel Allelochemical Ethyl 2-Methyl Acetoacetate (EMA) on the Ultrastructure and Pigment Composition of Cyanobacterium <i>Microcystis aeruginosa</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2009, 83, 502-508.	2.7	14
21	The effects of temperature on the growth, lipid accumulation and nutrient removal characteristics of <i>Chlorella</i> sp. HQ. <i>Desalination and Water Treatment</i> , 2016, 57, 10403-10408.	1.0	14
22	Exploring the multilevel effects of triclosan from development, reproduction to behavior using <i>Drosophila melanogaster</i> . <i>Science of the Total Environment</i> , 2021, 762, 144170.	8.0	13
23	Influence of light quality on <i>Chlorella</i> growth, photosynthetic pigments and high-valued products accumulation in coastal saline-alkali leachate. <i>Journal of Water Reuse and Desalination</i> , 2021, 11, 301-311.	2.3	12
24	Comparison in growth, lipid accumulation, and nutrient removal capacities of <i>Chlorella</i> sp. in secondary effluents under sterile and non-sterile conditions. <i>Water Science and Technology</i> , 2014, 69, 573-579.	2.5	11
25	Influences of carbon and nitrogen sources and metal ions on the heterotrophic culture of <i>Scenedesmus</i> sp. LX1. <i>Environmental Science and Pollution Research</i> , 2019, 26, 13381-13389.	5.3	11
26	Recent Advances in Technologies for Removal of Microcystins in Water: a Review. <i>Current Pollution Reports</i> , 2022, 8, 113-127.	6.6	10
27	Microalgae cultivation in domestic wastewater for wastewater treatment and high value-added production: Species selection and comparison. <i>Biochemical Engineering Journal</i> , 2022, 185, 108493.	3.6	9
28	Efficient microalgae inactivation and growth control by locally enhanced electric field treatment (LEEFT). <i>Environmental Science: Nano</i> , 2020, 7, 2021-2031.	4.3	8
29	Electric-field enhanced microalgae inactivation using a flow-through copper ionization cell. <i>Journal of Hazardous Materials</i> , 2020, 400, 123320.	12.4	8
30	Growth relationships of a lipid-producing <i>Chlorella</i> -alga with common microalgae in laboratory co-cultures. <i>Microbiology</i> , 2014, 83, 366-375.	1.2	7
31	Effects of cultivation strategies on the cultivation of <i>Chlorella</i> sp. HQ in photoreactors. <i>Frontiers of Environmental Science and Engineering</i> , 2019, 13, 1.	6.0	6
32	Growth and high-valued products accumulation characteristics of microalgae in saline-alkali leachate from Inner Mongolia. <i>Environmental Science and Pollution Research</i> , 2019, 26, 36985-36992.	5.3	6
33	Exposure evaluation of diisononyl phthalate in the adults of <i>Drosophila melanogaster</i> : Potential risks in fertility, lifespan, behavior, and modes of action. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2020, 238, 108847.	2.6	4
34	Cultivation of <i>Chlorella</i> sp. HQ in inland saline-alkaline water under different light qualities. <i>Frontiers of Environmental Science and Engineering</i> , 2022, 16, 1.	6.0	4
35	Magnetic Nanomaterials for Water Remediation. , 0, , 515-546.		3
36	Detrimental effects induced by diisononyl phthalate on development and behavior of <i>Drosophila</i> larva and potential mechanisms. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 243, 108967.	2.6	1