

# Wenmin Huang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19 papers	232 citations	10 h-index	15 g-index
19 ext. papers	288 ext. citations	4.6 avg, IF	3.04 L-index

#	Paper	IF	Citations
19	Pine needles as urban atmospheric pollution indicators: Heavy metal concentrations and Pb isotopic source identification.. <i>Chemosphere</i> , <b>2022</b> , 296, 134043	8.4	0
18	Biological adaptive mechanisms displayed by a freshwater plant to live in aquatic and terrestrial environments. <i>Environmental and Experimental Botany</i> , <b>2021</b> , 191, 104623	5.9	1
17	Structural basis for C4 photosynthesis without Kranz anatomy in leaves of the submerged freshwater plant <i>Ottelia alismoides</i> . <i>Annals of Botany</i> , <b>2020</b> , 125, 869-879	4.1	11
16	Responses of CO-concentrating mechanisms and photosynthetic characteristics in aquatic plant <i>Ottelia alismoides</i> following cadmium stress under low CO. <i>Ecotoxicology and Environmental Safety</i> , <b>2020</b> , 202, 110955	7	1
15	External Carbonic anhydrase and solute carrier 4 are required for bicarbonate uptake in a freshwater angiosperm. <i>Journal of Experimental Botany</i> , <b>2020</b> , 71, 6004-6014	7	8
14	Responses of Leaf Anatomy and CO Concentrating Mechanisms of the Aquatic Plant to Variable CO. <i>Frontiers in Plant Science</i> , <b>2020</b> , 11, 1261	6.2	3
13	Assessing interactions between environmental factors and aquatic toxicity: Influences of dissolved CO and light on Cd toxicity in the aquatic macrophyte <i>Potamogeton crispus</i> . <i>Aquatic Toxicology</i> , <b>2019</b> , 212, 247-258	5.1	3
12	Diurnal changes in photosynthesis by six submerged macrophytes measured using fluorescence. <i>Aquatic Botany</i> , <b>2018</b> , 149, 33-39	1.8	18
11	Effects of urea on growth and photosynthetic metabolism of two aquatic plants ( <i>Cabomba caroliniana</i> A. Gray and <i>Elodea nuttallii</i> (Planch.) H. St. John). <i>Aquatic Botany</i> , <b>2017</b> , 140, 69-77	1.8	11
10	Modulation of cadmium-induced phytotoxicity in <i>Cabomba caroliniana</i> by urea involves photosynthetic metabolism and antioxidant status. <i>Ecotoxicology and Environmental Safety</i> , <b>2017</b> , 144, 88-96	7	13
9	Characteristics of the elemental stoichiometry of submerged macrophytes and their relationships with environments in Honghu Lake (China). <i>Fundamental and Applied Limnology</i> , <b>2017</b> , 190, 299-308	1.9	2
8	<i>Hydrocharis dubia</i> seeds maintain high seed vigor in ambient wet storage condition through scavenging hydrogen peroxide by antioxidant systems. <i>Aquatic Botany</i> , <b>2017</b> , 143, 18-24	1.8	5
7	Spatio-temporal variations of GHG emissions from surface water of Xiangxi River in Three Gorges Reservoir region, China. <i>Ecological Engineering</i> , <b>2015</b> , 83, 28-32	3.9	29
6	Effects of fertilizer-urea on growth, photosynthetic activity and microcystins production of <i>Microcystis aeruginosa</i> isolated from Dianchi Lake. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2014</b> , 92, 514-9	2.7	16
5	Mitochondrial electron transport chain is involved in microcystin-RR induced tobacco BY-2 cells apoptosis. <i>Journal of Environmental Sciences</i> , <b>2014</b> , 26, 1930-5	6.4	3
4	Effect of excess iron and copper on physiology of aquatic plant <i>Spirodela polyrrhiza</i> (L.) Schleid. <i>Environmental Toxicology</i> , <b>2010</b> , 25, 103-12	4.2	51
3	Morphological and ultrastructural changes in tobacco BY-2 cells exposed to microcystin-RR. <i>Chemosphere</i> , <b>2009</b> , 76, 1006-12	8.4	10

2	Microcystin-RR induced apoptosis in tobacco BY-2 suspension cells is mediated by reactive oxygen species and mitochondrial permeability transition pore status. <i>Toxicology in Vitro</i> , <b>2008</b> , 22, 328-37	3.6	35
1	The role of glutathione metabolism in tolerance of tobacco BY-2 suspension cells to microcystin-RR. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2008</b> , 80, 215-9	2.7	12