

# Hongwei Yu

## List of Publications by Year in descending order

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37  
papers

1,355  
citations

430874

18  
h-index

345221

36  
g-index

38  
all docs

38  
docs citations

38  
times ranked

900  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of microplastics on the foraging, photosynthesis and digestive systems of submerged carnivorous macrophytes under low and high nutrient concentrations. <i>Environmental Pollution</i> , 2022, 292, 118220.	7.5	31
2	Functional evenness and community-weighted mean traits have strong correlation with macrophyte community productivity. <i>Aquatic Sciences</i> , 2022, 84, 1.	1.5	2
3	Polyethylene microplastics interfere with the nutrient cycle in water-plant-sediment systems. <i>Water Research</i> , 2022, 214, 118191.	11.3	40
4	Submerged macrophytes successfully restored a subtropical aquacultural lake by controlling its internal phosphorus loading. <i>Environmental Pollution</i> , 2021, 268, 115949.	7.5	44
5	Isotopic dynamics of precipitation and its regional and local drivers in a plateau inland lake basin, Southwest China. <i>Science of the Total Environment</i> , 2021, 763, 143043.	8.0	17
6	Highly competitive native aquatic species could suppress the growth of invasive aquatic species with similar traits. <i>Biological Invasions</i> , 2021, 23, 267-280.	2.4	10
7	Moderate hydrological disturbance and high nutrient substrate enhance the performance of <i>Myriophyllum aquaticum</i> . <i>Hydrobiologia</i> , 2021, 848, 2331-2343.	2.0	6
8	Effects of microplastics and glyphosate on growth rate, morphological plasticity, photosynthesis, and oxidative stress in the aquatic species <i>Salvinia cucullata</i> . <i>Environmental Pollution</i> , 2021, 279, 116900.	7.5	74
9	The influence of small-scale resource heterogeneity caused by human activities on the growth phenotype of invasive aquatic plants. <i>Ecological Indicators</i> , 2021, 125, 107504.	6.3	8
10	Variation in resource allocation strategies and environmental driving factors for different life forms of aquatic plants in cold temperate zones. <i>Journal of Ecology</i> , 2021, 109, 3046-3059.	4.0	8
11	Microplastic residues in wetland ecosystems: Do they truly threaten the plant-microbe-soil system?. <i>Environment International</i> , 2021, 156, 106708.	10.0	115
12	Isotopic and chemical evidence for nitrate sources and transformation processes in a plateau lake basin in Southwest China. <i>Science of the Total Environment</i> , 2020, 711, 134856.	8.0	30
13	Effectiveness of dredging on internal phosphorus loading in a typical aquacultural lake. <i>Science of the Total Environment</i> , 2020, 744, 140883.	8.0	32
14	Effects of a spatially heterogeneous nutrient distribution on the growth of clonal wetland plants. <i>BMC Ecology</i> , 2020, 20, 59.	3.0	14
15	Survey-based approach to establish macrobenthic biological network in lakes. <i>Resources, Conservation and Recycling</i> , 2020, 162, 105061.	10.8	0
16	Sedimentary ancient DNA metabarcoding delineates the contrastingly temporal change of lake cyanobacterial communities. <i>Water Research</i> , 2020, 183, 116077.	11.3	22
17	Ecotoxicity of polystyrene microplastics to submerged carnivorous <i>Utricularia vulgaris</i> plants in freshwater ecosystems. <i>Environmental Pollution</i> , 2020, 265, 114830.	7.5	69
18	Effects of resource heterogeneity and environmental disturbance on the growth performance and interspecific competition of wetland clonal plants. <i>Global Ecology and Conservation</i> , 2020, 22, e00914.	2.1	10

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19	Different Stages of Aquatic Vegetation Succession Driven by Environmental Disturbance in the Last 38 Years. <i>Water (Switzerland)</i> , 2019, 11, 1412.	2.7	7
20	Does Soil Nutrient Heterogeneity Improve the Growth Performance and Intraspecific Competition of the Invasive Plant <i>Myriophyllum aquaticum</i> ?. <i>Frontiers in Plant Science</i> , 2019, 10, 723.	3.6	18
21	Influence of Soil Nutrient Heterogeneity and Competition on Sprouting and Ramets Growth of <i>Alternanthera philoxeroides</i> . <i>Clean - Soil, Air, Water</i> , 2019, 47, 1800182.	1.1	5
22	Clonal integration increases growth performance and expansion of <i>Eichhornia crassipes</i> in littoral zones: A simulation study. <i>Environmental and Experimental Botany</i> , 2019, 159, 13-22.	4.2	20
23	Effects of Temporal Heterogeneity of Water Supply and Spatial Heterogeneity of Soil Nutrients on the Growth and Intraspecific Competition of <i>Bolboschoenus yagara</i> Depend on Plant Density. <i>Frontiers in Plant Science</i> , 2018, 9, 1987.	3.6	15
24	Responses of the native species <i>Sparganium angustifolium</i> and the invasive species <i>Egeria densa</i> to warming and interspecific competition. <i>PLoS ONE</i> , 2018, 13, e0199478.	2.5	18
25	Synthesis, Crystal Structure, and Characterization of a $\hat{A}$ Congruent Melting Compound Magnesium Strontium Diborate $MgSrB_2O_5$ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014, 640, 1805-1809.	1.2	7
26	First Principle Assisted Prediction of the Birefringence Values of Functional Inorganic Borate Materials. <i>Journal of Physical Chemistry C</i> , 2014, 118, 25651-25657.	3.1	67
27	The Effect of the Ratio of $[M/(B+P)]$ on the Configuration of Anionic Groups: Synthesis of the Borate-Phosphate $LiPb_4(BO_3)_3(PO_4)_2$ . <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 3467-3473.	2.0	13
28	Noncentrosymmetric Cubic $CsCdBO_3$ with Bichromophore. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 5528-5533.	2.0	22
29	$Na_2Cd_7B_8O_{20}$ : a new noncentrosymmetric compound with special $[B_3O_7]$ units. <i>CrystEngComm</i> , 2013, 15, 3412.	2.6	18
30	Synthesis, Structure Characterization, and Optical Properties of the Aluminosilicate $Li_2Na_3AlSi_2O_8$ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 779-783.	1.2	6
31	Synthesis and Structure of $KPbBP_2O_8$ - A Congruent Melting Borophosphate with Nonlinear Optical Properties. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 3185-3190.	2.0	33
32	Synthesis, Crystal Structure, and Properties of a New Lead Barium Borate, $Pb_{1.13}Ba_{7.87}B_{18}O_{36}$ . <i>Chemistry Letters</i> , 2012, 41, 812-813.	1.3	10
33	A new congruent-melting oxyborate, $Pb_4O(BO_3)_2$ with optimally aligned $BO_3$ triangles adopting layered-type arrangement. <i>Journal of Materials Chemistry</i> , 2012, 22, 2105-2110.	6.7	108
34	A novel deep UV nonlinear optical crystal $Ba_3B_6O_{11}F_2$ , with a new fundamental building block, $B_6O_{14}$ group. <i>Journal of Materials Chemistry</i> , 2012, 22, 9665.	6.7	177
35	Growth, thermal and optical properties of a novel nonlinear optical material $K_3B_6O_{10}Cl$ . <i>CrystEngComm</i> , 2012, 14, 799-803.	2.6	53
36	New Borate-citrate: Synthesis, Structure, and Properties of $Sr[B(C_6H_5)_5O_7]_2(H_2O)_4 \cdot 3H_2O \cdot 2O_3$ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012, 638, 856-860.		

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37	Effect of lithium boron oxide glass coating on the electrochemical performance of LiNi <sub>1/3</sub> Co <sub>1/3</sub> Mn <sub>1/3</sub> O <sub>2</sub> . Journal of Solid State Electrochemistry, 2012, 16, 1481-1486.	2.5	30