

# Hongzhe Chen

## List of Publications by Citations

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**Version:** 2024-04-27

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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.

20  
papers

1,190  
citations

14  
h-index

20  
g-index

20  
ext. papers

1,491  
ext. citations

8.5  
avg, IF

4.39  
L-index

#	Paper	IF	Citations
20	Adsorption and heterogeneous Fenton degradation of 17 $\beta$ -methyltestosterone on nano Fe <sub>3</sub> O <sub>4</sub> /MWCNTs in aqueous solution. <i>Applied Catalysis B: Environmental</i> , <b>2011</b> , 107, 274-283	21.8	349
19	Microplastic abundance, characteristics, and removal in wastewater treatment plants in a coastal city of China. <i>Water Research</i> , <b>2019</b> , 155, 255-265	12.5	155
18	Microplastics in the Northwestern Pacific: Abundance, distribution, and characteristics. <i>Science of the Total Environment</i> , <b>2019</b> , 650, 1913-1922	10.2	151
17	Degradation of organic dyes via bismuth silver oxide initiated direct oxidation coupled with sodium bismuthate based visible light photocatalysis. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 7318-26	10.3	128
16	Adsorption behavior and mechanism of reactive brilliant red X-3B in aqueous solution over three kinds of hydrotalcite-like LDHs. <i>Applied Surface Science</i> , <b>2014</b> , 301, 329-337	6.7	65
15	Efficient degradation of organic dyes by BiAg <sub>x</sub> O <sub>y</sub> . <i>Journal of Hazardous Materials</i> , <b>2011</b> , 197, 88-96	12.8	59
14	Microplastic abundance, distribution and composition in the mid-west Pacific Ocean. <i>Environmental Pollution</i> , <b>2020</b> , 264, 114125	9.3	47
13	Effective photocatalytic degradation of atrazine over titania-coated carbon nanotubes (CNTs) coupled with microwave energy. <i>Journal of Physical Chemistry A</i> , <b>2011</b> , 115, 3034-41	2.8	45
12	Comparison of microplastic contamination in fish and bivalves from two major cities in Fujian province, China and the implications for human health. <i>Aquaculture</i> , <b>2019</b> , 512, 734322	4.4	41
11	Efficient degradation of crystal violet in magnetic CuFe <sub>2</sub> O <sub>4</sub> aqueous solution coupled with microwave radiation. <i>Chemosphere</i> , <b>2012</b> , 89, 185-9	8.4	40
10	Study of marine debris around a tourist city in East China: Implication for waste management. <i>Science of the Total Environment</i> , <b>2019</b> , 676, 278-289	10.2	28
9	Prevalence of microplastic pollution in the Northwestern Pacific Ocean. <i>Chemosphere</i> , <b>2019</b> , 225, 735-744	4.4	21
8	Assessment of heavy metal contamination in the surface sediments: A reexamination into the offshore environment in China. <i>Marine Pollution Bulletin</i> , <b>2016</b> , 113, 132-140	6.7	20
7	A nationwide assessment of litter on China's beaches using citizen science data. <i>Environmental Pollution</i> , <b>2020</b> , 258, 113756	9.3	18
6	Size structure of phytoplankton community and its response to environmental factors in Xiamen Bay, China. <i>Environmental Earth Sciences</i> , <b>2016</b> , 75, 1	2.9	7
5	Synthesis and application of magnetic materials-barium ferrite nanomaterial as an effective microwave catalyst for degradation of brilliant green. <i>Chemosphere</i> , <b>2020</b> , 260, 127681	8.4	6
4	Pharmaceuticals and personal care products in the seawater around a typical subtropical tourist city of China and associated ecological risk. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 22716-22728	5.1	6

3	Total mercury flux and offshore transport via submarine groundwater discharge and coal-fired power plant in the Jiulong River estuary, China. <i>Marine Pollution Bulletin</i> , <b>2018</b> , 127, 794-803	6.7	2
2	Marine Environmental Status and Blue Bay Remediation in Xiamen <b>2019</b> , 95-122		2
1	The abundance, characteristics and diversity of microplastics in the South China Sea: Observation around three remote islands. <i>Frontiers of Environmental Science and Engineering</i> , <b>2022</b> , 16, 1	5.8	0