

Jia-yin Xu Xiamen University

1999.09 Han Chinese Qingdao CCP member 15253296166 xjy99929@gmail.com



Education

2024.8- until now Xiamen University (PhD student) Environmental Science
2021.09-2024.06 Ocean University of China (Master) Environmental Engineering
GPA 89.55, 5/66 Course: Principles and methods of water quality analysis, Bioremediation theory and method
2017.09-2021.06 Nanjing Tech University (Bachelor) Environmental Engineering
GPA3.35/4 Top **25%** of major, Passed CET4/6, Passed National Computer Level 2 MS office

Research

2021.09-2024.6 Seawater quality criteria and ecotoxicity risk assessment of zinc oxide nanoparticles based on data of resident marine organisms in China

Research experience: I have conducted experiments, written, revised papers, and responded to review comments. I possess the strong ability to **independently** conduct research. I participated in the National Natural Science Foundation of China (No. 42376146, 41276104) project on **the ecotoxicology of nanometals and environmental criteria**. Additionally, I am proficient in using data analysis software such as Graphpad Prism and SPSS, and I utilize **R** and **MATLAB** for data analysis and plotting. Published papers include:

- [1] **Jia-yin Xu (First author)**¹, Heng Zhang¹ et.al. Salinity influence correction for zinc ion seawater quality criteria and ecological risk assessment in Chinese seas. (*Science of the Total Environment*, IF=9.8), Accept, 10.1016/j.scitotenv.2024.174835
- [2] **Jia-yin Xu (First author)** et.al. Seawater quality criteria and ecotoxicity risk assessment of zinc oxide nanoparticles based on data of resident marine organisms in China. (*Science of the Total Environment*, IF=9.8), Accept, 10.1016/j.scitotenv.2023.166690
- [3] Yang-yang Xing, Xin-Ming Pu*, Jin-Fen Pan*, **Jia-yin Xu (Fourth author)** et.al. From antioxidant defense to genotoxicity: Deciphering the tissue-specific impact of AgNPs on marine clam *Ruditapes philippinarum*. (*Aquatic Toxicology*, IF=4.5), Accept, 10.1016/j.aquatox.2024.106883
- [4] Chen Liu, Zhaomei Geng, **Jia-yin Xu (Third author)** et. al. Advancements, Challenges, and Future Directions in Aquatic Life Criteria Research in China. (*Toxics*, IF=4.6), Accept, 10.3390/toxics11100862

Campus

2017.09-2019.09 Flag Guard of Nanjing Tech University 8th team member

I have seriously completed **over 200** daily flag-raising and lowering tasks as well as major school event flag duties. Adhering to the team motto of Toughness and Perseverance, I have developed good physical fitness and a tough character. During the summer, I was selected to go to the Shanghai Chongming military education base for **30 days** of training. This experience, with its strict military standards, helped me cultivate a strong sense of **discipline** and solid teamwork skills.

Award & Honor

Master: 2023 **National scholarship**; 2023 **Outstanding individual at provincial level** for summer social practice in Shandong Province; 2024 Shandong Province **outstanding graduates**; 2023 Cultural, sports and social activities scholarship; 2023 Academic scholarship; Sixth national postgraduate environment (Sea-Related) forum poster second Prize; 2021-2022 Outstanding graduate student of the OUC and etc.
Undergraduates: Awarded the second and third class scholarships of the university; the excellent student cadres of the university and etc.