

Mengyao Shen

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EDUCATION BACKGROUD

Ph. D. student, Marine chemistry (Advisor: Rui Bao& Jian Zhao) 2021.8-Current

Ocean University of China

Master student, Environmental sicence (Advisor: Yiping Feng) 2018.8-2021.6

Guangdong University of Technology

B.S., Environmental engineering 2014.9-2018.6

Changsha University

RESEARCH INTERESTS

Marine carbon cycle; Organic geochemistry; Fourier Transform Infrared Spectroscopy;

Database modeling and forecasting;

AWARDS & GRANTS

Outstanding Graduates of Guangdong University of Technology 2021

National Scholarships of Postgraduate 2021

First class scholarship 2019-2020

Third class scholarship 2018

PUBLICATIONS

1. Yiping Feng*, **Mengyao Shen,** Zhu Wang, Guoguang Liu. Transformation of atenolol by a laccase-mediator system: Efficiencies, effect of water constituents, and transformation pathways. ***Ecotoxicology and Environmental Safety*** (2019) 183, 109555. （SCI 二区，IF=4.872）
2. Yiping Feng*, **Mengyao Shen**, Zhijie Xie, Ping Chen, Lin-Zi Zuo, Kun Yao, Wenying Lv, Guoguang Liu. Photochemical transformation of C_3N_4 under UV irradiation: Implications for environmental fate and photocatalytic activity. ***Journal of Hazardous Materials*** (2020) 394, 122557. (SCI 一区, IF=9.038)
3. 冯义平*，**沈梦瑶**，张伊健，高士祥. 典型金属离子对漆酶催化降解溴代阻燃剂四溴双酚 A 的影响研究.**环境科学学报**，2020，40(06):2082-2089. （北大中文核心）
4. **Mengyao Shen**, Yiping Feng*，et al. Transformation of carbon dots by ultraviolet irradiation, ozonation, and chlorination processes: kinetics and mechanisms[J]. **Environmental Science: Nano.** (2021) (SCI 一区，IF=9.473)

RESEARCH EXPERIENCES

Collaborative Center of photocatalysis, Changsha University 2016-2018

Typical chemical environmental behavior and pollution control research team (GDUT) 2018-2021

Institute of Costal Environmental Pollution Control (OUC) 2021-2022