

## ● 基本信息

姓名：许大毛

性别：男

出生年月：1993 年 7 月

籍贯：湖北大冶

民族：汉族

政治面貌：群众

学位：工学博士

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研究方向：场地修复效果评价方法与体系

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## ● 教育与学历

2016.09-2019.06	环境工程	工程硕士	中国科学院广州地球化学研究所
2019.09-2023.09	环境科学与工程	工学博士	同济大学环境科学与工程学院

## ● 工作经历

2023.11—至今 中国矿业大学环境与测绘学院 讲师

## ● 期刊论文

序号	以第一作者身份发表论文名称
1	Da-Mao Xu, Rong-Bing Fu. The mechanistic insights into the leaching behaviors of potentially toxic elements from the indigenous zinc smelting slags under the slag dumping site scenario. <i>Journal of Hazardous Materials</i> , 2022, 437: 129368. (IF=13.6, 中科院 1 区)
2	Da-Mao Xu, Rong-Bing Fu, Jun-Xian Wang, Bai-Hong An. The geochemical behaviors of potentially toxic elements in a typical lead/zinc

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	(Pb/Zn) smelter contaminated soil with quantitative mineralogical assessments. <i>Journal of Hazardous Materials</i> , 2022, 424(Part A): 127127. (IF=13.6, 中科院 1 区)
3	Da-Mao Xu, Rong-Bing Fu. The mechanistic understanding of potential bioaccessibility of toxic heavy metals in the indigenous zinc smelting slags with multidisciplinary characterization. <i>Journal of Hazardous Materials</i> , 2022, 425: 127864. (IF=13.6, 中科院 1 区)
4	Da-Mao Xu, Rong-Bing Fu. A comparative assessment of metal bioavailability using various universal extractants for smelter contaminated soils: Novel insights from mineralogy analysis. <i>Journal of Cleaner Production</i> , 2022, 367: 132936. (IF=11.1, 中科院 1 区)
5	Da-Mao Xu, Rong-Bing Fu. Mechanistic insight into the release behavior of arsenic based on its geochemical fractions in the arsenic contaminated soils around lead/zinc (Pb/Zn) smelters. <i>Journal of Cleaner Production</i> , 2022, 363: 132348. (IF=11.1, 中科院 1 区)
6	Da-Mao Xu, Rong-Bing Fu, Yun-Hua Tong, Dao-Lu, Shen, Xiao-Pin Guo. The potential environmental risk implications of heavy metals based on their geochemical and mineralogical characteristics in the size-segregated zinc smelting slags. <i>Journal of Cleaner Production</i> , 2021, 315: 128199. (IF=11.1, 中科院 1 区)
7	Da-Mao Xu, Rong-Bing Fu, Hua-Qiu Liu, Xiao-Pin Guo, Yu-Xiang Shi. Chemical stabilization remediation for heavy metals in contaminated soils on the latest decade: Available stabilizing materials and associated evaluation methods—A critical review. <i>Journal of Cleaner Production</i> , 2021, 321: 128730. (IF=11.1, 中科院 1 区)
8	Da-Mao Xu, Rong-Bing Fu, Hua-Qiu Liu, Xiao-Pin Guo. Current knowledge from heavy metal pollution in Chinese smelter contaminated soils, health risk implications and associated remediation progress in recent decades: A critical review. <i>Journal of Cleaner Production</i> , 2021, 286: 124989. (IF=11.1, 中科院 1 区, 高被引论文)
9	Da-Mao Xu, Ze-Lin Xu, Zi-Qi Mu, Bai-Hong An, Xiao-Wen Fang, Rong-Bing Fu. Mechanistic insights into the migration behavior of cadmium (Cd) in the soil-groundwater systems at a construction site: Experimental and numerical analysis. <i>Journal of Environmental Chemical Engineering</i> , 2023, 11(3): 109712. (IF=7.7, 中科院 2 区)
10	Da-Mao Xu, Rong-Bing Fu. A typical case study from smelter

序号	以第一作者身份发表论文名称
	contaminated soil: New insights into the environmental availability of heavy metals using an integrated mineralogy characterization. <i>Environmental Science and Pollution Research</i> , 2022. (IF=5.8, 中科院 3 区)
11	Da-Mao Xu, Chang-Lin Zhan, Hong-Xia Liu, Han-Zhi Lin. A critical review on environmental implications, recycling strategies and ecological remediation for metal mine tailings. <i>Environmental Science and Pollution Research</i> , 2019, 26(35): 35657-35669. (IF=5.8, 中科院 3 区)
12	Da-Mao Xu, Jia--Quan Zhang, Bo Yan, Hao Liu, Li-Li Zhang, Chang-Lin Zhan, Li Zhang, Ping Zhong. Contamination characteristics and potential environmental implications of heavy metals in road dusts in typical industrial and agricultural cities, southeastern Hubei Province, Central China. <i>Environmental Science and Pollution Research</i> , 2018, 25(36): 36223-36238. (IF=5.8, 中科院 3 区)
13	Da-Mao Xu, Bo Yan, Tao Chen, Chang Lei, Han-Zhi Lin, Xian-Ming Xiao. Contaminant characteristics and environmental risk assessment of heavy metals in the paddy soils from lead (Pb)-zinc (Zn) mining areas in Guangdong Province, South China. <i>Environmental Science and Pollution Research</i> , 2017, 24(31): 24387-24399. (IF=5.8, 中科院 3 区)
14	Da-Mao Xu, Zhi-Shuang Zhou, Chang-Lin Zhan, Shan Liu, Jia-Quan Zhang, Hong-Xia Liu, Zi-Guo Liu, Xian-Li Liu. Pollution characteristics and associated risk assessment of heavy metals in farmland soils from a typical county of Hubei Province, central China. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021, 107: 327-335. (IF=2.7, 中科院 4 区)
15	许大毛, 晏波, 陈涛, 雷畅, 李亮, 肖贤明. 老化土壤中重金属人体可给性及其健康风险评价. <i>化工进展</i> , 2017, 36(7): 2632-2638. (IF=1.911)
16	许大毛, 张家泉, 占长林, 张丽, 张丽莉, 肖文胜. 有色金属冶炼厂周边地表水和农业土壤中重金属污染特征与评价. <i>环境化学</i> , 2016, 35(11): 2305-2314. (IF=2.295)

## ● 项目

国家重点研发计划项目《铅锌冶炼场地土壤多重金属长效稳定修复材料、技术与装备（2019YFC1805200）》，参与者，已结题。

## ● 获奖

序号	获奖项目名称	等级	授予单位	获奖年份	证书编号
1	博士研究生国家奖学金	国家级	教育部	2022	BSY202201526
2	第十九届“青年博士生杰出人才奖学金”	环境领域最高奖项之一	上海同济高廷耀环保科技基金会	2022	/
3	同济大学优秀博士新生奖学金	校级	同济大学	2019	/
4	同济大学亨通·海洋奖学金	校级	同济大学	2020	/
5	同济科蓝环境教育奖学金	校级	同济大学	2021	/
6	同济大学“学术先锋”提名奖	校级最高荣誉奖励之一	同济大学	2022	/
7	同济大学优秀学生	校级	同济大学	2020	同团奖 2020010966
8	研究生国家奖学金	国家级	教育部	2018	第 2018 年 03665 号
9	中国科学院大学三好学生荣誉称号	校级	中国科学院大学	2018	NO.4185035

## ● 学术兼职

WR、JHM、RCR、EI、JCLP、Chemosphere、STOTEN、JEM、ER、ESPR、Environ Geochem and Hlth 等近 20 个环境领域国际 SCI 期刊邀约审稿人。