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个人简介

张炳亮，中共党员，讲师，山东大学环境科学与工程学院环境工程硕士、南京大学环境学院环境科学与工程博士，2021 年就职于山东师范大学地理与环境学院。

主要从事污水中有机污染物识别与转化特性及强化零价铁反应活性的水处理技术等方面的研究，主持了南京大学优秀博士研究生创新能力提升计划 A 项目，参与了国家重点研发计划、国家水专项、国家自然科学基金面上项目、国家自然科学基金青年基金等多项课题的研究。目前已发表 SCI 论文 10 余篇，其中以第一作者在 *Water Research* 期刊上发表 SCI 论文 3 篇，在 *Science of the Total Environment* 期刊上发表 SCI 论文 1 篇，以第二作者（导师为第一作者）在 *Environmental Science & Technology* 期刊上发表 SCI 论文 2 篇。

代表性学术论文

1. **Zhang, B.**; Wang, X.; Fang, Z.; Wang, S.; Shan, C.; Wei, S.; Pan, B*, Unravelling molecular transformation of dissolved effluent organic matter in UV/H₂O₂, UV/persulfate, and UV/chlorine processes based on FT-ICR-MS analysis. *Water Research*, 2021, 198, 117158.
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9. 王雪凝; 张炳亮; 潘丙才* 市政污水二级出水中溶解性有机质在紫外/氯处理过程中的转化特性. *环境科学*, 2021, 42 (08), 3847–3857.
10. Wang, D*.; Song, C.; **Zhang, B.**; Chen, J.; Luo, A.; Wang, X.; Wu, S.; Ye, Y. Deciphering dissolved organic matter from freshwater aquaculture ponds in Eastern China based on optical and molecular signatures. *Process Safety and Environmental Protection*, 2021, 155, 122–130.
11. Guo, Q.; Yang, Z.; **Zhang, B.**; Hua, M.; Liu, C.; Pan, B*. Enhanced methane production during long-term UASB operation at high organic loads as enabled by the immobilized Fungi. *Frontiers of Environmental Science & Engineering*, 2022, 16 (6), 71.
12. Guo, Q.; Wang, Y.; Qian, J.; **Zhang, B.**; Hua, M.; Liu, C.; Pan, B*. 2021. Enhanced production of methane in anaerobic water treatment as mediated by the immobilized fungi. *Water Research*, 190, 116761.
13. Wang, Y.; Shao, Q.; Huang, S.; **Zhang, B.**; Xu, C*. High performance and simultaneous sequestration of Cr(VI) and Sb(III) by sulfidated zerovalent iron. *Journal of Cleaner Production*, 2018, 191, 436–444.
14. Shao, Q.; Xu, C*.; Wang, Y.; Huang, S.; **Zhang, B.**; Huang, L.; Fan, D.; Tratnyek, P. G., Dynamic interactions between sulfidated zerovalent iron and dissolved oxygen: Mechanistic insights for enhanced chromate removal. *Water Research*, 2018, 135, 322–330.
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