

一、教育经历

2014/08 筑波大学（日本），持续环境学专攻（Sustainable Environmental Studies），博士；

2011/07 中国地质大学（北京），环境科学与工程，硕士；

2008/07 中国地质大学（北京），环境工程，学士；

二、工作经历

2016/12 至今 南京农业大学，副教授；

2014/09-2016/11 南京农业大学，讲师；

2013/10-2014/03 香港城市大学，科研助理；

三、获奖情况

1. 大学生志愿者千乡万村环保科普行动优秀指导老师，2018

2. Principal's Award, University of Tsukuba, 2014

四、主持项目

1. 国家自然科学基金青年项目（51608274），主持，2017.1-2019.12

2. 中央高校基本科研业务费重点项目（KYZ201619），主持，2016.1-2018.12

3. 中央高校基本科研业务费青年项目（KJQN201749），主持，2017.1-2019.12

4. 国家水专项“望虞河西岸河网区入河污染控制和尾水深度净化技术研发与综合示范”，参加，2017-2020

5. 国家自然科学基金青年项目(41501516),主要参加人,2016.1-

2018. 12

五、学术兼职

担任 SCI 期刊 Chinese Chemical Letters 青年编委, Frontiers in Nanotechnology (section: Environmental Nanotechnology) 副主编。环境科学与工程领域国际知名期刊 Environmental Science & Technology、Applied Catalysis B: Environmental、Chemical Engineering Journal、Journal of Hazardous Materials 等审稿人。

六、发表论文

1. Meng-Chia Li, **Dahu Ding**, Kun-Yi Andrew Lin*, Eilhann Kwon* (2020) Cobalt-based coordination polymers as heterogeneous catalysts for activating Oxone to degrade organic contaminants in water: A comparative study. Separation and Purification Technology. (IF: 5.107)

2. Chao Liu, Liwei Chen, **Dahu Ding***, Tianming Cai* (2019) From rice straw to magnetically recoverable nitrogen doped biochar: efficient activation of peroxymonosulfate for the degradation of metolachlor. Applied Catalysis B: Environmental. 254, 312-320. (IF: 14.229)

3. Liwei Chen, Xu Zuo, Shengjiong Yang, Tianming Cai, **Dahu Ding*** (2019) Rational design and synthesis of hollow $\text{Co}_3\text{O}_4@\text{Fe}_2\text{O}_3$ core-shell nanostructure for the catalytic degradation of norfloxacin by coupling with peroxymonosulfate. Chemical Engineering Journal. 359, 373-384. (IF: 8.355)

4. Chao Liu, Liwei Chen, **Dahu Ding***, Tianming Cai* (2019) Sulfate radical induced catalytic degradation of metolachlor: Efficiency and mechanism. Chemical Engineering Journal. 368, 606-617. (IF: 8.355)

5. Liwei Chen, Shengjiong Yang, Yang Huang, Baogang Zhang, Fuxing Kang, **Dahu Ding***, Tianming Cai (2019) Degradation of antibiotics in multi-component systems with novel ternary $\text{AgBr}/\text{Ag}_3\text{PO}_4@\text{natural hematite}$ heterojunction photocatalyst under simulated solar light. Journal of Hazardous Materials. 371, 556-

575. (IF: 7.65)

6. Liwei Chen, **Dahu Ding***, Chao Liu, Hao Cai, Ying Qu, Shengjiong Yang, Yu Gao, Tianming Cai (2018) Degradation of norfloxacin by CoFe₂O₄-GO composite coupled with peroxymonosulfate: A comparative study and mechanistic consideration. Chemical Engineering Journal. 334, 273-284. (IF: 8.355, **ESI hot paper & highly cited paper**)

7. Liwei Chen, Xu Zuo, Liang Zhou, Shengjiong Yang, Tianming Cai, **Dahu Ding*** (2018) Efficient heterogeneous activation of peroxymonosulfate by facilely prepared Co/Fe bimetallic oxides: Kinetics and mechanism. Chemical Engineering Journal. 345, 364-374. (IF: 8.355)

8. Liwei Chen, Tianming Cai, Chuan Cheng, Zhuang Xiong, **Dahu Ding***, Tianming Cai (2018) Degradation of acetamiprid in UV/H₂O₂ and UV/persulfate systems: A comparative study. Chemical Engineering Journal. 351, 1137-1146. (IF: 8.355)

9. Shengjiong Yang, Xiaojie Qiu, Pengkang Jin*, Mawuli Dzakpasu, Xiaochang C. Wang, Qionghua Zhang, Lu Zhang, Lei Yang, **Dahu Ding***, Wendong Wang, Kun Wu (2018) MOF-templated synthesis of CoFe₂O₄ nanocrystals and its coupling with peroxymonosulfate for degradation of bisphenol A. Chemical Engineering Journal. 351, 1137-1146.251. (IF: 8.355)

10. Liwei Chen, Shengjiong Yang, Xu Zuo, Yang Huang, Tianming Cai, **Dahu Ding*** (2018) Biochar modification significantly promotes the activity of Co₃O₄ towards heterogeneous activation of peroxymonosulfate. Chemical Engineering Journal. 354, 856-865. (IF: 8.355)

七、专利成果

1. 发明人：**丁大虎**，姜灿烂，陈立伟，蔡天明，孙文杰。一种磁性纳米复合催化剂及其制备方法与应用，申请号：CN201710145325.2
(已授权)

2. 发明人：蔡天明，陈吉菲，姜灿烂，**丁大虎**，许玲一。一株降

解氧氟沙星的苍白杆菌及其应用，申请号：CN201610651094.8（已授权）

3. 发明人：丁大虎，姜灿烂，陈立伟，蔡天明，孙文杰，周亮。
多层半导体可见光催化剂及其准备方法与应用，申请号：
CN201711480221.3

4. 发明人：丁大虎，姜灿烂，陈立伟，蔡天明，孙文杰，周亮。
负载型半导体可见光催化剂及其制备方法与应用，申请号：
CN201711497910.5

5. 发明人：蔡天明，孙文杰，丁大虎，姜灿烂，白文卿。一株降解土霉素的氨基杆菌及其应用，申请号：CN201610649580.6

6. 发明人：姜灿烂，蔡浩，丁大虎，陈立伟，蔡天明。Ni/FeO@
复合材料及其制备方法和应用，申请号：CN201811200934.4