

Dahu Ding

Education:

2014/08 University of Tsukuba, Sustainable Environmental Studies, Ph.D;

2011/07 China University of Geosciences (Beijing), Environmental Science & Engineering, MS.;

2008/07 China University of Geosciences (Beijing), Environmental Engineering, BS.;

Work:

2014/09- Nanjing Agricultural University, Lecturer;

2013/10-2014/03 City University of HongKong, Research Associate;

Representative Publications:

1. **Dahu Ding**, Yang Huang, et al. (2016) Facet-controlling agents free synthesis of hematite crystals with high-index planes: excellent photodegradation performance and mechanism insight, *ACS Applied Materials & Interfaces*, 8 (1), 142-151. (IF: 6.72)
2. Yang Huang †, **Dahu Ding** †, et al. (2015) Facile synthesis of α -Fe₂O₃ nanodisk with superior photocatalytic performance and mechanism insight, *Science and Technology of Advanced Materials*. (contributed equally) (IF: 3.51)
3. **Dahu Ding**, Zhenya Zhang, Zhongfang Lei, Yingnan Yang, Tianming Cai (2016) Remediation of radiocesium-contaminated liquid waste, soil, and ash: a mini review since the Fukushima Daiichi Nuclear Power Plant accident, *Environmental Science and Pollution Research*, 23 (3), 2249-2263. (IF: 2.8)
4. **Dahu Ding** · Zhongfang Lei · Yingnan Yang · Chuanping Feng · Zhenya Zhang (2014) Selective removal of cesium from aqueous solutions with nickel (II) hexacyanoferrate (III) functionalized agricultural residue–walnut shell, *Journal of Hazardous Materials*, 270, 187-195. (IF: 4.53)
5. **Dahu Ding** · Zhongfang Lei · Yingnan Yang · Zhenya Zhang (2014) Efficiency of transition metal modified akadama clay on cesium removal from aqueous solutions, *Chemical Engineering Journal*, 236,17-28. (IF: 4.32)
6. **Dahu Ding** · Zhongfang Lei · Yingnan Yang · Chuanping Feng · Zhenya Zhang (2013) Nickel Oxide Grafted Andic Soil for Efficient Cesium Removal from Aqueous Solution: Adsorption Behavior and Mechanisms, *ACS Applied Materials & Interfaces*, 5(20), 10151-10158. (IF: 6.72)
7. **Dahu Ding** · Yingxin Zhao · Shengjiong Yang · Wansheng Shi · Zhenya Zhang · Zhongfang Lei · Yingnan Yang (2013) Adsorption of cesium from aqueous solution using agricultural residue - Walnut shell: Equilibrium, kinetic and thermodynamic modeling studies, *Water Research*, 47(7), 2563-2571. (IF: 5.53)
8. **Dahu Ding** · Chuanping Feng · Yunxiao Jin · Chunbo Hao · Yingxin Zhao · Takashi Suemura (2011) Domestic sewage treatment in a sequencing batch biofilm reactor (SBBR) with an intelligent controlling system, *Desalination*, 276(1), 260-265. (IF: 3.76)
9. Y Jin, **D Ding**, C Feng, S Tong, T Suemura, F Zhang (2012) Performance of sequencing batch biofilm reactors with different control systems in treating synthetic municipal wastewater, *Bioresource technology*, 104, 12-18. (IF: 4.49)

Awards:

Principal's Award, University of Tsukuba, 2014

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