



Department: School of Resources and Environmental Engineering

Professional field: Environmental Science and Engineering

E-mail: leiding@ecust.edu.cn; leiding_cn@yahoo.com

Profile

1995 - 1999: Bachelor, Environmental Engineering, Harbin University of Civil Engineering and Architecture

2000 - 2002: Master, Environmental Engineering, Harbin Institute of Technology

2002 - 2005: PhD, Environmental Engineering, Harbin Institute of Technology

2010 - 2011: Postdoctoral researcher, Delft University of Technology, Wageningen University

2005 - Present: Associate Professor, East China University of Science and Technology (ECUST)

Research Field

- (1) Anaerobic wastewater treatment
- (2) Advanced oxidation process
- (3) Heavy metals removal process

Research results and selected published papers

- [1] Lei Ding, Xin Xu, Juan Zhang, Junna Shao, Yixian Zhao. Performance of oxidation-reduction potential-based hydrolysis and acidification process for high-strength antibiotic wastewater treatment [J]. Desalination and Water Treatment, 2016, 57(16): 7287 - 7292.
- [2] Ralph E F Lindeboom, Lei Ding, Jan Weijma, Caroline M Plugge, Jules B van Lier. Starch hydrolysis in autogenerative high pressure digestion: Gelatinisation and saccharification as rate limiting steps[J]. Biomass and Bioenergy, 2014, 71: 256 - 265.
- [3] Xin Xu, Lei Ding, Juan Zhang, Yongai Xu, Yixian Zhao. Synergistic degradation of propionate by sulfate-reducing bacteria in a single UASB reactor. The 6th IWA-ASPIRE Conference & Exhibition, Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences Beijing, China, 2015, September 20 - 24.
- [4] Nannan Zhao, Lei Ding, Haofeng Bei, Sheyu Zheng, Bing Han and Mu Shi. The role of dissolved oxygen in Fenton system. 2019, doi:10.1088/1755-1315/191/1/012084.
- [5] Zhang Juan, Ding Lei, Xu Xin, Shi Xinfeng, Zhao Ye, Zhao Yixian. Removal of high strength heavy metals from sewage sludge by bioleaching technology. Chinese Journal of Environmental Engineering, 2016, 10(12): 7283 - 7288.