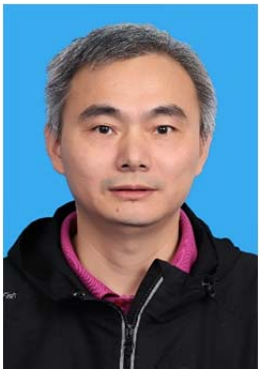
PERSONAL：



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RESEARCH INTERESTS:

Organic Synthesis;

Novel Pesticide Discovery: especiallynovel green pesticidesbased on natural products.

Other:

1. Design and synthesis of novel inorganic functional material
2. Application of dye degradation and Cr(VI) reduction

PROFESSIONAL EXPERIENCE:

2014-now Associate professor, College of Sciences, Nanjing Agricultural University

2006-2013 Lecturer, College of Sciences, Nanjing Agricultural University

TEACHING:

- 《Inorganic and Analytical Chemistry》
- 《Experimental Chemistry I》
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PUBLICATIONS:

(1) Di Fang, Yaqun Yu, ***Zhihui Xu****, Jiangru Liang, Lixiang Zhou, Enhanced catalytic performance of β-FeOOH by coupling with single-walled carbon nanotubes in a visible-light-Fenton-like process, Science and Engineering of Composite Materials 25 (2018) 9-15.

(2) ***Zhihui Xu****, Hongmei Jiang, Yaqun Yu, Jiangyan Xu, Jianru Liang, Lixiang Zhou, Feng Hu*, Activation and β-FeOOH modification of sepiolite in one-step hydrothermal reaction and its simulated solar light catalytic reduction of Cr(VI), Applied Clay Science 135 (2017) 547–553.

(3) ***Zhihui Xu***, Yaqun Yu, Di Fang, Jianru Liang, Lixiang Zhou*, Simulated solarlight catalytic reduction of Cr(VI) on microwaveeultrasonication synthesized flower-like CuO in the presence of tartaric acid, Materials Chemistry and Physics 171 (2016): 386-393.

(4) ***Zhihui Xu****, Yaqun Yu, Di Fang, Jiangyan Xu, Jianru Liang, Lixiang Zhou, Microwave–ultrasound assisted synthesis of β-FeOOH and its catalytic property in a photo-Fenton-like process, Ultrasonics Sonochemistry, 27 (2015): 287-295.

(5) ***Zhihui Xu****, Di Fang, Weicong Shi, Jiangyan Xu, Aimin Lu, Kuaibing Wang*, Lixiang Zhou, Enhancement in photo-Fenton-like degradation of azo dye methyl orange using

TiO_2/hydroniumjarosite composite catalyst, Environmental Engineering Science, 32 (2015): 497-504.

(6) Junjun Xu, ***Zhihui Xu****, Ming Zhang, Jiangyan Xu, Di Fang, Wei Ran, Impregnation synthesis of TiO_2/hydroniumjarosite composite with enhanced property in photocatalytic reduction of Cr(VI), Materials Chemistry and Physics 152 (2015): 4-8.

(7) Ming Zhang, ***Zhihui Xu****, Jianru Liang, Lixiang Zhou, Chunyong Zhang, Potential application of novel TiO_2/β-FeOOH composites for photocatalytic reduction of Cr(VI) with an analysis of statistical approach, International Journal of Environmental Science and Technology. 12 (2015): 1669-1676.

(8) ***Zhihui Xu***, Bo Lv, Xiaobo Shi, Lixian Chen, Kuaibing Wang*, Chemical transformation of hollow coordination polymer particles to Co_3O_4 nanostructures and their pseudo-capacitive behaviors, Inorganica Chimica Acta, 427 (2015): 266-272.

(9) ***Zhihui Xu***, Ming Zhang, Jingyu Wu, Jianru Liang, Lixiang Zhou*, Bo Lǔ, Visible light-degradation of azo dye methyl orange using TiO_2/β-FeOOH as a heterogeneous photo-Fenton-like catalyst, Water Science & Technology, 68 (2013): 2178-2185.

(10) ***Zhihui Xu***, Bo Lu, Jingyu Wu, Lixiang Zhou*, Yeqing Lan, Reduction of Cr(VI) facilitated by biogenetic jarosite and analysis of its influencing factors with response surface methodology, Materials Science and Engineering: C, 33 (2013): 3723–3729.

(11) ***Zhihui Xu***, Shuangyou Bai, Jianru Liang, Lixiang Zhou*, Yeqing Lan, Photocatalytic reduction of Cr(VI) by citric and oxalic acids over biogenetic jarosite, Materials Science and Engineering: C 33 (2013): 2192–2196.

(12) ***Zhihui Xu***, Jianru Liang, Lixiang Zhou*, Photo-Fenton-like degradation of azo dye methyl orange using synthetic ammonium and hydronium jarosite, Journal of Alloys and Compounds, 546 (2013): 112-118.