



中国科学院饮用水科学与技术重点实验室

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科研成果

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发表论文

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专著

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论文题目

作者

刊物名称

年/卷/页

High Concentrations of the Antibiotic Spiramycin in Wastewater Lead to High Abundance of Ammonia-Oxidizing Archaea in Nitrifying Populations

Yu Zhang, Zhe Tian, MiaoMiao Liu, Zhou Jason Shi, Lauren Hale, Jizhong Zhou

Environmental Science and Technology

2015, 49, 9124-9132

Screening for over 1000 organic micropollutants in surface water and sediments in the Liaohe River watershed

Qingwei Bu, Qian Luo, Donghong Wang*, Kaifeng Rao, Zijian Wang, Gang Yu

Chemosphere

2015, 138, 519-525

Contribution of Fe₃O₄ nanoparticles to the fouling of ultrafiltration with coagulation pre-treatment

Wenzheng Yu, Lei Xu, Nigel Graham, Juhui Qu

Scientific Reports

2015, 5, 13067

Adsorption of antimony(V) onto Mn(II)-enriched surfaces of manganese-oxide and Fe-Mn binary oxid

Ruiping Liu, Wei Xu, Zan He, Huachun Lan*, Huijuan Liu, Juhui Qu, Tista Prasai

Chemosphere

2015, 138, 616-624

MIB-producing cyanobacteria (*Planktothrix* sp.) in a drinking water reservoir: Distribution and odor producing potential

Ming Su, Jianwei Yu*, Junzhi Zhang, Hui Chen, Wei An, Rolf D. Vogt, Tom Andersen, Dongmin Jia, Jingshi Wang, Min Yang*

Water Research

2015, 68, 444-453

Removal of antimonite (Sb(III)) and antimonate (Sb(V)) from aqueous solution using carbon nanofibers that are decorated with zirconium oxide (ZrO₂)

Jinming Luo, Xubiao Luo, John Crittenden*, Juhui Qu*, Yaohui Bai, Yue Peng, Junhua Li

Environmental Science & Technology

2015, 49, 11115-11124

Nitrogen loss by anaerobic oxidation of ammonium in rice rhizosphere

San'an Nie, Hu Li, Xiaoru Yang, Zhaoji Zhang, Bosen Weng, Fuyi Huang, Guibing Zhu*, Yong-Guan Zhu*

The ISME Journal

2015, 9, 2059-2067

Effects of fluoxetine on behavior, antioxidant enzyme systems, and multixenobiotic resistance in the Asian clam Corbicula fluminea

Huihui Chen, Jinmiao Zha*, Lilai Yuan, Zijian Wang*

Chemosphere

2015, 119, 856-862

Treatment of NOM fractions of reservoir sediments: Effect of UV and chlorination on formation of DBPs

Haibo Wang, Ying Zhu, Chun Hu*, Xuexiang Hu

Separation and Purification Technology

2015, 154, 228-235

Visible-Light Induced Photocatalytic Activity of Electrospun-TiO₂ in Arsenic(III) Oxidation

Gong Zhang, Meng Sun, Yang Liu, Xiufeng Lang, Limin Liu, Huijuan Liu, Juhui Qu, Jinglong Li

ACS Applied Materials & Interfaces

2015, 7(1):511-518

Enhanced solar photodegradation of toxic pollutants by long-lived electrons in Ag-Ag₂O nanocomposites, Applied Catalysis B: Environmental

Hu Xuexiang, Hu Chun*, Wang Ran

Applied Catalysis B: Environmental

2015, 176-177, 637-645

Enhanced Fenton-like degradation of pharmaceuticals over framework copper species in copper-doped mesoporous silica microspheres

Lyu Lai, Zhang Lili, Hu Chun*

Chemical Engineering Journal

2015, 274, 298-306

Effects of microbial cycling of Fe(II)/Fe(III) and Fe/N on cast iron corrosion in simulated drinking water distribution systems

Haibo Wang, Chun Hu*, Luchao Han, Min Yang

Corrosion Science

2015, 100, 599-606

Characteristics of biofilms and iron corrosion scales with ground and surface waters in drinking water distribution systems

Xiaoxiao Li, Haibo Wang, Chun Hu*, Min Yang, Hongying Hu, Junfeng Niu

Corrosion Science

2015, 90, 331-339

Mechanism of Catalytic Ozonation in Fe₂O₃/Al₂O₃@SBA-15 Aqueous Suspension for Destruction of Ibuprofen

Bing Jishuai, Hu Chun*, Nie Yulun, Yang Min, Qu Juhui

Environmental Science & Technology

2015, 49, 1690-1697

