



中国科学院饮用水科学与技术重点实验室

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论文题目

作者

刊物名称

年/卷/页

Fish larval deformity caused by aldehydes and unknown byproducts in ozonated effluents from municipal wastewater treatment systems

Zhiming Yan, Yu Zhang*, Hongying Yuan, ZheTian, Min Yang*

Water research

2014,66,423-429

A high throughput semi-quantification method for screening organic contaminants in river sediments

Qingwei Bu, Donghong Wang*, Xin Liu, Zijian Wang

Journal of Environmental Management

2014, 143, 135-139

Combined effects of estrogenic chemicals with the same mode of action using an estrogen receptor binding bioassay

RongYang, Na Li, Mei Ma*, Zijian Wang

Environmental Toxicology and Pharmacology

2014, 38 (3), 1382-1389

Application of the SOS/umu test and highcontent in vitro micronucleus test to determine genotoxicity and cytotoxicity of nine benzothiazoles

Ye Yan, Weiwei Jiang, Na Li, Mei Ma*, Kaifeng Rao, Zijian Wang

Journal of Applied Toxicology

2014, 34 (12), 1400-1408

Assessing genotoxicity of 16 centralized source waters in China by SOS/umu test and micronucleus test and initial identification of the potential genotoxicants by GC/MS method and QSAR Toolbox 3.0. Mutation Research/Genetic Toxicology and Environmental Mutagenesis

Ye Yan, Weiwei Jiang, Na Li, Mei Ma*, Donghong Wang, Zijian Wang, Kaifeng Rao

Mutation Research/Genetic Toxicology and Environmental Mutagenesis

2014, 763, 36-43

Water saving and energy reduction through pressure management in urban water distribution networks

Qiang Xu, Qiuwen Chen*, Jinfeng Ma, Koen Blanckaert, Zhonghua Wan

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Effect of sulfate on the transformation of corrosion scale composition and bacterial community in cast iron water distribution pipes

Fan Yang, Baoyou Shi*, Yaohui Bai, Huifang Sun, Darren A. Lytle, Dongsheng Wang

Water Research

2014,59,46-57

 Characterization of biofilm and corrosion of cast iron pipes in drinking water distribution system with UV/Cl₂ disinfection

Ying Zhu, Haibo Wang, Xiaoxiao Li, Chun Hu*, Min Yang, Jiuhui Qu

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Effects of microbial redox cycling of iron on cast iron pipe corrosion in drinking water distribution systems

Haibo Wang, Chun Hu*, Lili Zhang, Xiaoxiao Li, Yu Zhang, Min Yang

Water Research

2014,65,362-370

Respective role of Fe and Mn oxide contents for arsenic sorption in iron and manganese binary oxide: An X-ray absorption spectroscopy investigation

Gaosheng Zhang,Fudong Liu, Huijuan Liu, Jiuhui Qu, Ruiping Liu*

Environmental Science & Technology

2014,48,10316-10322

Cancer risk assessment on trihalomethanes and haloacetic acids indrinking water of China using disability-adjusted life years

Shenling Pan, Wei An*, Hongyan Li, Ming Su, Jinliang Zhang, Min Yang

Journal of Hazardous Materials

2014,280,288-294

Characterization of unknown brominated disinfection byproducts during chlorination using ultrahigh resolution mass spectrometry

Haifeng Zhang,Yahe Zhang,Quan Shi, Hongdie Zheng, Min Yang*

Environmental Science & Technology

2014, 48, 3112-3119