



- ☆ 中文核心期刊
- ☆ 中国科技核心期刊 (CSTPCD)
- ☆ 《国家哲学社会科学学术期刊数据库》(NSSD) 收录
- ★ 国际检索: Scopus、CSA:NS、AJ、CABI、ZR、JST、IC、EBSCOhost 等
- ☆ 中国科学引文数据库 (CSCD) 收录
- ☆ RCCSE 中国核心学术期刊



目次

第32卷 第5期 2019年5月

专论

- 污水特质(水征)评价及其在污水再生处理工艺研究中的应用
 胡洪营, 吴乾元, 吴光学, 孙迎雪, 杨宏伟, 巫寅虎, 王文龙 (725)
- 基于环境监测数据的大气重污染应急减排措施效果评估
 刘文雯, 段菁春, 胡京南, 殷丽娜, 胡丙鑫, 杨超, 于瑞 (734)
- 露天煤矿矿区生态资产负债核算技术方案..... 范小杉, 邢铁朋, 魏金发, 李文超, 何萍, 冯朝阳, 宋婷 (742)
- 1981—2015年神农架林区森林生态系统净初级生产力估算
 李敏, 姚顽强, 任小丽, 张黎, 徐文婷, 顾峰雪, 何洪林 (749)

展望

- 河流水动力条件对大型底栖动物分布影响研究进展..... 陈含墨, 渠晓东, 王芳 (758)

京津冀

- 北京怀柔 O₃ 污染过程初始 VOCs 浓度特征及来源分析
 胡君, 王淑兰, 吴亚君, 张敬巧, 张萌, 王涵, 柴发合 (766)
- 唐山市 2017 年采暖期不同污染等级 PM_{2.5} 化学组分特征对比与来源分析
 张浩杰, 高健, 孙孝敏, 车飞, 刘素, 逢妮妮, 刘翰青 (776)

长江经济带

- 洱海悬浮颗粒物时空分布特征及其环境学意义..... 张莉, 史玲珑, 王圣瑞, 赵海超 (787)

鄱阳湖富营养化时空变化特征及其与水位的关系

..... 杜冰雪, 徐力刚, 张 杰, 范宏翔, 程俊翔, 黄 涛, 姜加虎 (795)

一带一路

兰州市典型企业 VOCs 排放特征及反应活性分析

..... 吴亚君, 胡 君, 张鹤丰, 张敬巧, 张 萌, 柴发合, 王淑兰 (802)

西安市人为源一次 PM_{2.5} 排放清单及减排潜力研究..... 闫东杰, 丁毅飞, 玉 亚, 黄学敏, 苏 航, 冯云堂 (813)

研究

环境空气中醛酮类化合物检测方法优化与初步应用

..... 张 鑫, 李 红, 张成龙, 张玉洁, 何 振, 高 锐, 王文兴 (821)

上海市专项化学品制造行业 VOCs 排放特征及臭氧生成潜势研究

..... 盛 涛, 高宗江, 高 松, 刘启贞, 陈 曦, 伏晴艳 (830)

漳江口不同潮滩秋茄树干 CH₄ 传输速率与呼吸速率

..... 张雨雪, 黄佳芳, 罗 敏, 武 政, 李 慧, 陈坤龙, 谭 季 (839)

砷污染生境下挺水植物香蒲对砷的积累与迁移特性

..... 任 伟, 倪大伟, 刘云根, 杨桂英, 张慧娟, 赵立君, 王 妍 (848)

铁锰改性椰壳炭对土壤镉形态及水稻吸收积累镉的影响

..... 罗海艳, 李丹阳, 刘寿涛, 宋正国, 刘玉玲, 刘孝利, 铁柏清 (857)

具有不同粒径和相同表面结构纳米银颗粒的制备及表征

..... 方 蕾, 赵晓丽, 王珺瑜, 吴爱明, 汤 智, 赵天慧 (866)

腐殖酸含量对污泥厌氧发酵过程产 CH₄ 效率的影响

..... 李 琦, 席北斗, 李东阳, 黄彩红, 张 萌, 杨天学, 康静文 (875)

含氮消毒副产物卤乙酰胺的水解特性..... 邵开利, 郭亭验, 黄 璜 (881)

河流底泥潜在硝化速率模型研究..... 王 超, 贾海燕, 汪 涛, 徐建锋, 夏 伟 (888)

厌氧膜生物反应器出水生物脱氮技术研究..... 傅炜程, 孙亚东, 吴志超, 王志伟 (894)

污泥与秸秆共基质中温两相厌氧消化特性..... 周海东, 刘积成, 王莹莹, 应桢西 (904)

微生物燃料电池电活化过硫酸盐降解甲基橙偶氮染料..... 冯俊生, 姚海祥, 蔡 晨, 王晓红, 张 郢 (913)

信息

《环境科学研究》第五届编委会名单 (封二) 征稿启事 (封三)



Content

Vol.32 No.5 May 2019

SPECIALS

- Evaluation of Water Feature and Its Application in the Wastewater Reclamation
..... HU Hongying, WU Qianyuan, WU Guangxue, SUN Yingxue, YANG Hongwei, WU Yinhu, WANG Wenlong (725)
- Effect Assessment of Emergency Measures for Heavy Air Pollution based on Environmental Monitoring Data
..... LIU Wenwen, DUAN Jingchun, HU Jingnan, YIN Lina, HU Bingxin, YANG Chao, YU Rui (734)
- Technical Solutions for Eco-Assets Liabilities Accounting in Opencast Coal Mining Area
..... FAN Xiaoshan, XING Tiepeng, WEI Jinfa, LI Wenchao, HE Ping, FENG Chaoyang, SONG Ting (742)
- Estimation and Analysis of Net Primary Productivity of Forest Ecosystems in Shennongjia Forestry District during
1981-2015..... LI Min, YAO Wanqiang, REN Xiaoli, ZHANG Li, XU Wenting, GU Fengxue, HE Honglin (749)

PROSPECT

- Research Progress of River Dynamic Influences on the Distribution of Macroinvertebrates
..... CHEN Hanmo, QU Xiaodong, WANG Fang (758)

BEIJING-TIANJIN-HEBEI REGION

- Characteristics and Source Analysis of Initial Mixing Ratio of Atmospheric VOCs during an Ozone Episode in Huairou,
Beijing..... HU Jun, WANG Shulan, WU Yajun, ZHANG Jingqiao, ZHANG Meng, WANG Han, CHAI Fahe (766)
- Comparison and Analysis of PM_{2.5} Chemical Composition Characteristics and Source of Different Grade Pollution in
Tangshan City during 2017 Heating Period
..... ZHANG Haojie, GAO Jian, SUN Xiaomin, CHE Fei, LIU Su, PANG Nini, LIU Hanqing (776)

YANGTZE RIVER ECONOMIC ZONE

- Spatial and Temporal Distribution of Suspended Particulate Matter in Lake Erhai and Its Environmental Significance
..... ZHANG Li, SHI Linglong, WANG Shengrui, ZHAO Haichao (787)
- The Spatial-Temporal Characteristics of Eutrophication in Poyang Lake and Its Relationship with the Water Level
..... DU Bingxue, XU Ligan, ZHANG Jie, FAN Hongxiang, CHENG Junxiang, HUANG Tao, JIANG Jiahu (795)

BELT AND ROAD INITIATIVE

- Characteristics and Chemical Reactivity of Fugitive Volatile Organic Compounds from Typical Industries in Lanzhou City
..... WU Yajun, HU Jun, ZHANG Hefeng, ZHANG Jingqiao, ZHANG Meng, CHAI Fahe, WANG Shulan (802)
-

Inventory and Reduction Potential of Anthropogenic PM_{2.5} Emission in Xi' an City
..... YAN Dongjie, DING Yifei, YU Ya, HUANG Xuemin, SU Hang, FENG Yuntang (813)

RESEARCH

Optimization and Preliminary Application of the Detection Method of Carbonyl Compounds in the Ambient Air
..... ZHANG Xin, LI Hong, ZHANG Chenglong, ZHANG Yujie, HE Zhen, GAO Rui, WANG Wenxing (821)

Emission Characteristics and Ozone Formation Potential of VOCs of Special Chemical Manufacturing Industry in Shanghai City..... SHENG Tao, GAO Zongjiang, GAO Song, LIU Qizhen, CHEN Xi, FU Qingyan (830)

Rate of Methane Transport and Respiration from the Stem of Mangrove *Kandelia obovata* at Different Part of Intertidal Zone in Zhangjiang River Estuary
..... ZHANG Yuxue, HUANG Jiafang, LUO Min, WU Zheng, LI Hui, CHEN Kunlong, TAN Ji (839)

Accumulation and Transportation of Arsenic to Wetland Plant *Typha angustifolia* L. in the Herbaceous Plants Grown in Arsenic-Contaminated Habitat
..... REN Wei, NI Dawei, LIU Yungen, YANG Guiying, ZHANG Huijuan, ZHAO Lijun, WANG Yan (848)

Effects of Fe-Mn Modified Coconut Shell Biochar on Cadmium Speciation and Accumulation in Rice
..... LUO Haiyan, LI Danyang, LIU Shoutao, SONG Zhengguo, LIU Yuling, LIU Xiaoli, TIE Boqing (857)

Preparation and Characterization of Nano-Silver with Different Particle Sizes and Uniform Surface Coating
.....FANG Lei, ZHAO Xiaoli, WANG Junyu, WU Aiming, TANG Zhi, ZHAO Tianhui (866)

Effect of Humic Acid Content on Methane Production Efficiency during Anaerobic Fermentation of Sludge
..... LI Qi, XI Beidou, LI Dongyang, HUANG Caihong, ZHANG Meng, YANG Tianxue, KANG Jingwen (875)

Hydrolysis of Nitrogenous Disinfection By-Product Haloacetamides..... SHAO Kaili, GUO Tingyan, HUANG Huang (881)

Study of Potential Nitrification Rate Model of the River Sediments
.....WANG Chao, JIA Haiyan, WANG Tao, XU Jianfeng, XIA Wei (888)

Nitrogen Biological Removal for Anaerobic Membrane Bioreactor Effluent
..... FU Weicheng, SUN Yadong, WU Zhichao, WANG Zhiwei (894)

Performance of Two-Phase Anaerobic Digestion with Co-Substrates of Sewage Sludge and Corn Silage under Mesophilic Condition.....ZHOU Haidong, LIU Jicheng, WANG Yingying, YING Zhenxi (904)

Microbial Fuel Cell Electro-Activated Persulfate to Degrade Methyl Orange Azo Dye
.....FENG Junsheng, YAO Haixiang, CAI Chen, WANG Xiaohong, ZHANG Yun (913)

