

环境工程学报

Chinese Journal of Environmental Engineering



第8卷 第11期

Vol.8 No.11

中国科学院
生态环境研究中心 主办
科学出版社 出版

11
2014

目 次

水 污 染 防 治

不同曝气方式下 SBR 亚硝化的实现及 NO ₂ ⁻ -N 积累效果	李亚峰	马晨曦	张 驰	(4561)
生物墙对地下水中六价铬的去除效果模拟研究	杨君君	卢晓霞	张 琪	侯 珍 张 妹 (4568)
浓缩脱水污泥水混凝预处理效果及混凝剂的选择	周 振	胡大龙	顾雨婷	李 昊 牛礼跃 李 震 蒋玲燕 (4575)
曝气池气泡羽流数值模拟及其氧转移影响	肖柏青	张法星	戎贵文	(4581)
SRB 固态发酵条件优选及动力学方程建立	蔡昌凤	杨 茜	方剑平	卜文辰 (4586)
粉煤灰对 Cr(VI) 的吸附特性	王剑峰	张金利	杨 庆	(4593)
欧氏贴度模糊物元分析法优选制浆造纸中段水处理工艺	傅金祥	刘聪慧	张荣新	宋秀强 肖亚男 (4600)
深水型水库中藻类功能群组演替及其与环境因子的关系	卢金锁	张 颖	胡亚潘	(4605)
紫外消毒器辐射剂量模拟与设备设计	刘美丽	陈家庆	李 强	(4612)
焦化废水特征有机污染物反硝化降解速率特征分析	薛晖军	岳秀萍	王孝维	(4619)
复合填料土壤渗滤系统处理农村生活污水的效果	张 思	宁国辉	杨铮铮	李昊阳 谢建治 (4625)
FeS/K ₂ S ₂ O ₈ 去除水体系统中的 2,4-D	陈 海	张忠磊	杨 琦	李 博 (4631)
响应曲面法优化 C/Fe-Bi ₂ WO ₆ 光催化降解氧氟沙星	陈世界	李英杰	吕仁江	王 鹏 (4636)
TiO ₂ -AC 电催化氧化含酚废水	李 鹏	赵跃民	王立章	张 波 张 静 (4643)
混凝-溶气气浮装置预处理 ABS 树脂废水	李 焱	王启宝	何绪文	李福勤 门坤阔 石靖靖 (4650)
纤维膜过滤特性的数值模拟	李 小 虎	张有忱	李好义	丁玉梅 杨卫民 (4657)
BDD 电极阳极氧化垃圾渗滤液纳滤浓缩液	李兆欣	甄丽敏	李新洋	潘学军 王玉珏 (4662)
基质结构对潜流人工湿地氮磷降解规律的影响	谭良良	解伊瑞文	白少元	林 华 解庆林 游少鸿 (4669)
改性壳聚糖复合凹凸棒土絮凝油漆废水	周 健	董 锐	董 悦	付 澎 (4674)
MBR 出水氯、紫外、臭氧单独与组合消毒	李鑫玮	李魁晓	郑晓英	王俭龙 (4681)
多层滤料 BAF 处理城镇污水	黄胜元	谌建宇	余 健	黄荣新 黎京士 李鑫华 刘 钢 (4687)
多种人工湿地组合在不同进水负荷条件下的净化效果	程 滨	盛樱子	张 慧	(4695)
前置反硝化曝气生物滤池的挂膜启动研究	杨 威	张雷坤	余华荣	梁 恒 李圭白 (4701)
Fenton-接触氧化联合工艺处理铁合金镀件电镀前处理废水	吴健良	曾建新	蓝俊宏	方战强 (4707)
HRT 对异养硝化好氧反硝化菌处理高速列车真空集便废水的影响	于海明	刘晶晶	翟计红	石玉川 刘志强 孙井梅 (4715)
美国页岩气压裂返排液处理技术进展及前景展望	宋 磊	张晓飞	王毅琳	刘光全 吴百春 (4721)
典型场地地下水污染源强分级评价方法研究	李 娟	吕宁馨	杨 洋	李鸣晓 李 翔 席北斗 郭燕菲 张 霞 (4726)
KOH 活化花生壳生物质炭对亚甲基蓝吸附性能研究	储 磊	刘少敏	陈天明	韩香云 严金龙 丁 成 (4737)
循环水养殖系统中流化床水处理性能及硝化动力学分析	张海耿	张宇雷	张业韡	单建军 吴 凡 (4743)
超声波协同 Fenton 氧化法去除造纸法再造烟叶废水 COD	马 迅	殷艳飞	王浩雅	王保兴 向海英 余红涛 陈远祥 (4752)
气田高浓度含硫废水的化学氧化处理	杨德敏	袁建梅	谢崇文	王 兵 (4757)
混合液回流比对改良 A ² O 工艺效果的调控作用	朱志超	刘 畅	邓德明	(4762)
CuO NPs 短期暴露对 SBR 水处理效果的影响	杜志泽	王晓慧	海热提	王玉琳 李 媛 (4767)
阳极电势对 MFC 中产电的影响	高 彬	袁林江	李宗伟	(4774)
加盐蒸馏回收盐酸和混凝剂制备技术资源化利用盐酸酸洗废液	张荣臻	胡勤海	裴毓雯	宋雪斐 萧晨霞 (4782)
基于 BP 和 RBF 神经网络的外加碳源量模型研究	李 蕾	陈 倩	薛 安	(4788)
Ti ⁴⁺ 复合聚合硫酸铁絮凝剂的制备、表征及絮凝性能	刘 梅	朱鹏飞	颜愈丹	刘礼庆 (4795)
掺硼金刚石三电极系统处理垃圾渗滤液实验研究	蒋绍阶	盛贵尚	刘 静	向 平 陈 茶 (4800)
分子筛对水中 Pb ²⁺ 的吸附行为及回收利用	石 飞	刘 红	刘鲁建	董 俊 (4806)
不同污泥负荷下 SBR 处理游泳馆污水的微生物群落的演变	赵双红	孙宝盛	于凤庆	张笑雪 齐庚申 (4813)
处理湖水的垂直流湿地中陶瓷的磷吸附特性	邢 奕	田星强	卢少勇	胡为征 李济圣 李 珂 贾建丽 (4820)
DO 浓度对间歇曝气单级自养脱氮系统 N ₂ O 排放的影响	李震涛	禹 强	秦睿聪	李 凯 方 芳 陈猷鹏 郭劲松 (4825)

大气污染防治

Li ₂ TiO ₃ 制备及其对 CO ₂ 吸附性能	刘峙嵘	张 寰	占鑫星	周利民(4832)
制备方法和 WO ₃ 含量对 V ₂ O ₅ -WO ₃ /TiO ₂ 脱硝性能的影响	王登辉	惠世恩	刘长春	高 青(4838)
硫酸盐化对 TiO ₂ 催化剂克劳斯活性的影响	马国强	郭倩倩	韩小金	黄张根(4842)
响应曲面法优化炼铅高砷烟尘的浸出工艺	彭志强	廖亚龙	周 娟	李冰洁
燃煤电厂静电除尘器协同控制汞排放	刘 珺	薛建明	许月阳	王宏亮
原铝生产流程温室气体排放主要影响因素的关联度分析	郭 杰	高 峰	王志宏	刘 宇
太原市降水化学特征及来源分析	姚孟伟	郭晓方	闫雨龙	张 啸
双组分甲苯、氯苯的微波辅助催化氧化及机理	杨 力	卜龙利	孙剑宇	梁欣欣
锰铜铈氧化物催化剂氧化 NO 性能及动力学研究	赵 宁	童 华	吴丽莎	付鹏艳(4880)
脱硫灰中杂质对石灰石脱硫活性的影响	张 荣	夏纯洁	倪海波	翟春丰
柴油机尾气中微粒粒径分布特征的研究	杨 双	刘乃瑞	杨小献(4892)	

固体废物处置

不同添加剂下污泥堆肥化处理氮素变化研究	居玉坤	赵卫兵	王鹤立	张 强(4897)
PCBs 污染土壤的 CaO 诱导低温热处理脱氯研究	汪嘉利	高兴保	杨志敏	黄启飞
水泥窑共处置废物过程中重金属的流向分布	范兴广	杨玉飞	刘 锋	黄启飞
微波及其组合工艺污泥预处理上清液中碳酸盐对磷回收的影响	倪晓棠	张玉秀	魏源送	王亚炜
模拟淋溶场景下典型 POPs 废物的释放规律	李洪伟	杨玉飞	陈玉成	徐 红
中药渣微生物强化预处理效果及产气潜力			张云飞	陈 璐
山羊粪污颗粒静态好氧堆肥过程的生物强化	代 黎	全学军	项锦欣	程治良
CCD 响应曲面法优化印染污泥木屑基活性炭制备	梁 昕	宁寻安	林朝萍	李锐敬
电解-CPAM 联用对印染污泥脱水性能的影响	吴坚荣	宁寻安	张坚濠	康晓玲
水泥窑协同处置含油污泥	邓 皓	王蓉沙	唐跃辉	谢水祥
添加外源纤维素酶对水稻秸秆模拟堆肥过程的影响				张明栋
异噻唑啉酮耦合氧化钙对污泥压滤脱水及燃烧热值的影响	于 杨	蒋文天	郭连庆	余 丽
煤粉炉掺烧干化污泥的污染物排放研究	刘蕴芳	滕建标	苏耀明	康 娟
原料对餐厨垃圾堆肥产品的影响及其绿地应用适宜性分析	罗珈柠	郑思俊	王妍婷	车文玉
海带渣废弃物资源化利用以及多功能菌肥固体发酵条件的优化				商侃侃
猪粪与玉米秸秆混合中温发酵产气效果	张 彬	蒋 滔	高立洪	韦秀丽
铝电解废旧阴极盐酸浸出动力学分析	王 维	贾元帅	王可楨	王 磊(4998)

土壤污染防治

鼠李糖脂与菌剂对原油污染土壤的联合修复	王冬梅	陈丽华	雒晓芳	赵连彪(5003)
萎蒿 (<i>Artemisia selengensis</i>) 根际耐镉产酸细菌的筛选鉴定及其生物学特性				
不同粒级黑土胶体对铅的等温吸附特征	周小梅	赵运林	胥正钢	董 萌
锰污染土壤根际微生物分离及耐 Mn ²⁺ 特性	李会东	李志贤	陈 章	向言词
兰坪铅锌矿区不同污染梯度下优势植物的重金属累积特征	苏焕珍	刘文胜	郑 丽	朱明远
工业园区土壤重金属时空分布信息查询分析系统	王成军	刘 勇	刘 华	马红周
				张琼华
				冯 涛
				孙大林(5035)

环境生物技术

一株具有荧蒽降解能力的产吡啉乙酸菌的筛选鉴定及其特性	张 振	李辉信	陈 雄	李伟明	李方舟	徐 莉(5041)
苯系物降解单菌间的协同耦合作用	周月明	刘 娜	李 斗	尹雅洁	宋立岩	张 雷(5049)
城市垃圾厌氧干发酵非甲烷菌群分布变化研究	孙玉辉	王晓明	刘 齐	邵丽杰	张 欢	董晓莹
					曹焱鑫	寇 巍(5057)

环境监测与评价

基于径向基函数网络的溢油预测模型	周 慧	陈 澎(5062)
广东省道路交通噪声预测统计模型	宋旭辉	范东平
		徐文彬(5067)

CONTENTS

SBR nitrosation realization of different aeration modes and NO_2^- -N accumulation	Li Yafeng Ma Chenxi Zhang Chi(4561)
Simulated laboratory study on effect of removing chromium (VI) from groundwater using permeable biowall	Yang Junjun Lu Xiaoxia Zhang Qi Hou Zhen Zhang Shu(4568)
Coagulation pretreatment and coagulant selection on thickening and dewatering sludge water	Zhou Zhen Hu Dalong Gu Yuting Li Hao Niu Liyue Li Zhen Jiang Lingyan(4575)
Numerical simulation and oxygen transfer effect of bubble plume in aeration tanks	Xiao Baiqing Zhang Faxing Rong Guiwen(4581)
Optimization of solid fermentation of sulfate reducing bacteria and establishment of kinetic equation	Cai Changfeng Yang Qian Fang Jianping Bu Wenchen(4586)
Adsorption behaviors of heavy metal Cr(VI) on fly ash	Wang Jianfeng Zhang Jinli Yang Qing(4593)
Selection of intermediate water treatment processes for pulp and paper industry using the fuzzy matter-element analysis based on eucli approaching degree	Fu Jinxiang Liu Conghui Zhang Rongxin Song Xiuqiang Xiao Yanan(4600)
Succession of algae functional groups and its relationship with environmental factors in a deep water reservoir	Lu Jinsuo Zhang Ying Hu Yapan(4605)
Does simulation and reactor design in UV disinfection	Liu Meili Chen Jiaqing Li Qiang(4612)
Characteristics analysis of degradation rate in denitrification of characteristic organic pollutants in coking wastewater	Xue Huijun Yue Xiuping Wang Xiaowei(4619)
Effect of rural decentralized sewage treatment by composite filler SIS	Zhang Si Ning Guohui Yang Zhengzheng Li Haoyang Xie Jianzhi(4625)
Removal of 2,4-dichlorophenoxyacetic acid from water by $\text{FeS}/\text{K}_2\text{S}_2\text{O}_8$	Zhang Zhonglei Chen Hai Yang Qi Li Bo(4631)
Photocatalytic degradation optimization of OFLX by using C/Fe-Bi ₂ WO ₆ with response surface methodology	Chen Shijie Li Yingjie Lü Renjiang Wang Peng(4636)
Electro-oxidation of phenolic wastewater with TiO ₂ -AC filling in a packed bed electrochemical reactor	Li Peng Zhao Yuemin Wang Lizhang Zhang Bo Zhang Jing(4643)
Pretreatment of ABS resin wastewater by coagulation-dissolved air flotation apparatus	Li Yan Wang Qibao He Xuwen Li Fuqin Men Kunkuo Shi Jingjing(4650)
Filtration performance of fiber membranes by numerical simulating	Li Xiaohu Zhang Youchen Li Haoyi Ding Yumei Yang Weimin(4657)
Anodic oxidation of landfill leachate nanofiltration concentrates using BDD electrode	Li Zhaoxin Zhen Limin Li Xinyang Pan Xuejun Wang Yujue(4662)
Effect of substrate structure on pollutant degradations through substrate of horizontal subsurface flow constructed wetlands	Tan Liangliang Xie Yiruiwen Bai Shaoyuan Lin Hua Xie Qinglin You Shaohong(4669)
Flocculation of paint wastewater by composite of modified chitosan and attapulgite	Zhou Jian Dong Rui Dong Yue Fu Peng(4674)
Disinfection of MBR effluents by chlorination, ultraviolet irradiation, ozonation and combination technologies	Li Xinwei Li Kuixiao Zheng Xiaoying Wang Jianlong(4681)
Performance of a biological aerated filter with multi-layer filters treating municipal wastewater	Huang Shengyuan Chen Jianyu Yu Jian Huang Rongxin Li Jingshi Li Xinhua Liu Gang(4687)
Purification performance of various combinations of constructed wetlands under different influent loads	Cheng Bin Sheng Yingzi Zhang Hui(4695)
Study on start-up and film formation of pre-denitrification biological aerated filter	Yang Wei Zhang Leikun Yu Huarong Liang Heng Li Guibai(4701)
Treatment of iron alloy electroplating pretreatment wastewater by Fenton-biological contact oxidation process	Wu Jianliang Zeng Jianxin Lan Junhong Fang Zhanqiang(4707)
Effect of HRT on treatment of black water from high-speed train using heterotrophic nitrification-aerobic denitrification bacteria	Yu Haiming Liu Jingjing Zhai Jihong Shi Yuchuan Liu Zhiqiang Sun Jingmei(4715)
Frac-back water treatment development and perspective in United States	Song Lei Zhang Xiaofei Wang Yilin Liu Guangquan Wu Baichun(4721)
Study on groundwater pollution source intensity rating assessment method of typical contaminated sites	Li Juan Lü Ningqing Yang Yang Li Mingxiao Li Xiang Xi Beidou Guo Yanfei Zhang Xia(4726)
Adsorption of methylene blue by peanut shell bio-char with KOH activated	Chu Lei Liu Shaomin Chen Tianming Han Xiangyun Yan Jinlong Ding Cheng(4737)
Performance of purifying effluent and nitrification kinetics of fluidized-sand biofilter in recirculating aquaculture system	Zhang Haigeng Zhang Yulei Zhang Yewei Shan Jianjun Wu Fan(4743)
COD removal of paper-process reconstituted tobacco wastewater by ultrasound-Fenton oxidation	Ma Xun Yin Yanfei Wang Haoya Wang Baoxing Xiang Haiying Yu Hongtao Chen Yuanxiang(4752)
Treatment of high concentration sulfide wastewater from gas fields by chemical oxidation process	Yang Demin Yuan Jianmei Xie Chongwen Wang Bing(4757)
Regulation of mixture liquid reflux ratio for effect of an improved A ² O process	Zhu Zhichao Liu Chang Deng Deming(4762)
Effects of CuO NPs short-term exposure on wastewater treatment in SBR process	Du Zhize Wang Xiaohui Hai Reti Wang Yulin Li Yuan(4767)
Effects of anode potential on electricity generation of microbial fuel cell	Gao Bin Yuan Linjiang Li Zhongwei(4774)
Resources utilization of hydrochloric pickling waste liquor by technology of salt-added distillation and coagulant preparation	Zhang Rongzhen Hu Qin Hai Pei Yuwen Song Xuefei Xiao Chenxia(4782)
Model based on BP and RBF neural network for predicting external carbon dosage	Li Lei Chen Qian Xue An(4788)
Preparation, characterization and performance of Ti ⁴⁺ and polyferric sulfate composite flocculant	Liu Mei Zhu Pengfei Yan Yudan Liu Liqing(4795)
Experimental research on treatment of landfill leachate by boron-doped diamond anode in three electrodes system	Jiang Shaojie Sheng Guishang Liu Jing Xiang Ping Chen Mang(4800)
Adsorptive property and recycling of Pb ²⁺ in water with molecular sieve	Shi Fei Liu Hong Liu Lujian Dong Jun(4806)

- Succession of microbial community in SBR treating natatorium wastewater under different sludge loading shocks** Zhao Shuanghong Sun Baosheng Yu Fengqing Zhang Xiaoxue Qi Gengshen (4813)
- Characteristics of phosphorus adsorption by ceramsite in vertical subsurface flow constructed wetlands treating lake water** Xing Yi Tian Xingqiang Lu Shaoyong Hu Weizheng Li Jisheng Li Ke Jia Jianli (4820)
- Effect of DO concentration on N₂O emissions in single autotrophic denitrification system of intermittent aeration** Li Zhentao Yu Qiang Qin Rongcong Li Kai Fang Fang Chen Youpeng Guo Jingsong (4825)
- Preparation of Li₂TiO₃ for adsorption of CO₂** Liu Zhiron Zhang Huan Zhan Xinxing Zhou Limin (4832)
- Effects of preparation method and WO₃ content on DeNO_x performance of V₂O₅-WO₃/TiO₂ catalysts** Wang Denghui Hui Shien Liu Changchun Gao Qing (4838)
- Influence of sulfation on Claus activity of TiO₂ catalyst** Ma Guoqiang Guo Qianqian Han Xiaojin Huang Zhanggen (4842)
- Optimization of leaching technology of high arsenic dust from lead smelting by response surface methodology** Peng Zhiqiang Liao Yalong Zhou Juan Li Bingjie Huang Feirong (4848)
- Control of mercury emission in coal fired plants by electrostatic precipitator synergy** Liu Jun Xue Jianming Xu Yueyang Wang Hongliang Chen Shujuan (4853)
- Correlation analysis between emission and impact factors of greenhouse gases caused by production of primary aluminum** Guo Jie Gao Feng Wang Zhihong Liu Yu Gong Xianzheng (4858)
- Chemical characteristics and source apportionment of atmospheric precipitation in Taiyuan, China** Yao Mengwei Guo Xiaofang Yan Yulong Zhang Xiao He Qiusheng Wang Xinming (4864)
- Microwave assisted catalytic oxidation of two-component toluene, chlorobenzene and relative removal mechanism** Yang Li Bo Longli Sun Jianyu Liang Xinxin Hu Xuejiao Meng Hailong (4871)
- Oxidating NO ability of MnCuCe-oxide catalysts and research of kinetics** Zhao Ning Tong Hua Wu Lisha Fu Pengyan (4880)
- Influences of impurities in desulfurized ash on limestone desulfurization reactivity** Zhang Rong Xia Chunjie Ni Haibo Zhai Chunfeng Yu Yunqi Liu Xingli (4887)
- Experimental study on particle size distribution in diesel exhaust** Yang Shuang Liu Nairui Yang Xiaoxian (4892)
- Research of nitrogen change in compost under condition of different additives** Ju Yukun Zhao Weibing Wang Heli Zhang Qiang (4897)
- Study on low-temperature thermal dechlorination of PCBs contaminated soil promoted by CaO** Wang Jiali Gao Xingbao Yang Zhimin Huang Qifei He Jie Liu Feng (4902)
- Distribution of heavy metals during co-processing hazardous wastes in cement kilns** Fan Xingguang Yang Yufei Liu Feng Huang Qifei Li Zhongwu Yu Hongjin (4907)
- Effect of carbonate on phosphorous recovery from sludge pretreated by microwave and its combined processes** Ni Xiaotang Zhang Yuxiu Wei Yuansong Wang Yawei Liu Jibao (4913)
- Releasing characteristics of typical POPs wastes by simulated leaching** Li Hongwei Yang Yufei Chen Yucheng Xu Hong He Jie Liu Feng (4919)
- Effect and biogas production potential of herbal-extraction residue using anaerobic fermentation combined with microbial enhanced pretreatment** Zhang Yunfei Chen Lu Guo Xujing Deng Yu (4925)
- Bioaugmentation of static aerobic composting of goat dung** Dai Li Quan Xuejun Xiang Jinxin Cheng Zhihuan Huang Yongfu (4931)
- Optimization of preparation conditions for activated carbons from textile dyeing sludge and sawdust using response surface methodology based on CCD** Liang Xin Ning Xunan Lin Chaoping Li Ruijing Wang Yujie Liu Jingyong Yang Zuoyi (4937)
- Effects of electrolysis-CPAM on textile dyeing sludge dewaterability** Wu Jianrong Ning Xunan Zhang Jianhao Kang Xiaoling Chen Hong Wu Duilin (4943)
- Co-processing oily sludge with cement kiln** Deng Hao Wang Rongsha Tang Yuehui Xie Shuixiang Zhang Mingdong Yue Yong Ren Wen Liu Xiaohui (4949)
- Effects of exogenous cellulase on simulated composting of rice straw** Han Wei He Ming Yang Zaiqiang (4955)
- Effect of coupling isothiazolone and calcium oxide on sludge filter press dewater and heat value** Yu Yang Jiang Wentian Guo Lianqing Yu Li Wu Weinan Sun Chenglin (4963)
- Research on pollutants emitted from dried sludge blending combustion in coal-powder boiler** Liu Yunfang Teng Jianbiao Su Yaoming Kang Juan Zhang Yong (4969)
- Effect of feedstock on food waste composts and their suitability for greenspace application** Luo Jianing Zheng Sijun Wang Yanting Che Wenyu Shang Kankan Zhang Qingfei (4977)
- Kelp residue resource utilization and optimization of multifunction microbial fertilizer solid fermentation conditions** Xiao Wei Yan Peisheng (4984)
- Aerogenesis characteristics of swine feces mixed with corn straw under mesophilic fermentation** Zhang Bin Jiang Tao Gao Lihong Wei Xiuli Liu Ke Yang Xiaoling (4991)
- Kinetic analysis of leaching spent pot linings with hydrochloric acid** Wang Wei Jia Yuanshuai Wang Kezhen Wang Lei (4998)
- Combined remediation effects of rhamnolipid-microbial inoculant on petroleum contaminated soils** Wang Dongmei Chen Lihua Luo Xiaofang Zhao Lianbiao (5003)
- Screening, identification and biological characterization of cadmium-resistant producing acid rhizospheric bacteria from *Artemisia selengensis*** Zhou Xiaomei Zhao Yunlin Xu Zhenggang Dong Meng Ku Wenzhen (5010)
- Sorption isotherm characteristics of Pb on black soil colloids with different sizes** Xu Duanping Feng Yuxin Wang Daohan Miao Dan (5015)
- Rhizosphere microorganisms isolated from soil contaminated by manganese and characteristics of Mn²⁺-resistant** Li Huidong Li Zhixian Chen Zhang Xiang Yanci Yan Mingli (5022)
- Accumulation characteristics of heavy metals in dominant plant species growing on Lanping lead/zinc mining wasteland with different pollution gradients** Su Huanzhen Liu Wensheng Zhen Li Zhu Mingyuan Qi Danhui Guo Panjiang (5027)
- Soil heavy metal spatial and temporal distribution of industrial park information query and analysis system** Wang Chengjun Liu Yong Liu Hua Ma Hongzhou Zhang Qionghua Feng Tao Sun Dalin (5035)
- Isolation and characterization and fluoranthene degrading of an IAA secreting bacterial strain** Zhang Zhen Li Huixin Chen Xiong Li Weiming Li Fanghui Xu Li (5041)
- Synergetic and coupled effects of bacteria in a BTEX degrading community** Zhou Yueming Liu Na Li Dou Yin Yajie Song Liyan Zhang Lei (5049)
- Space and time distribution of non-methanogenic bacteria on anaerobic dry fermentation with municipal solid waste** Sun Yuhui Wang Xiaoming Liu Qi Shao Lijie Zhang Huan Dong Xiaoying Cao Yanxin Kou Wei (5057)
- Oil spill prediction model based on radial basis function network** Zhou Hui Chen Peng (5062)
- A statistical prediction model for roads traffic noise in Guangdong, China** Song Xuhui Fan Dongping Xu Wenbin (5067)