

## 目 次

### 水 污 染 防 治

再生水臭氧氧化处理工艺对水质生物稳定性的影响 .....	林文琪	于彩虹	李国强	于童	史晓洁	胡洪营 (6093)			
改进的 QGA-BP 模型在弥直河总氮量预测中的应用 .....	龙 华	赵继东	王晓东	杜庆治	胡 婷	邵玉斌 (6099)			
温度对 SBR 强化生物除磷工艺除磷性能的影响 .....			彭党聪	张晓霞	樊香妮	侯艳红 (6106)			
表面改性壳聚糖纳米铁球去除水中 Cr(VI) .....				孙艳秋	柳听义	王中良 (6111)			
粉煤灰/聚合硫酸铁复合材料处理炼钢连铸冷却喷淋水 .....		李柏山	周培疆	吴良玉	舒 纯	唐顺富 (6118)			
低浓度乙酸盐诱导下厌氧氨氧化与异养反硝化高效耦合脱氮 .....	张美雪	李 芸	李 军	郑照明	熊向阳	陈 刚	姚 远	李 强 (6127)	
强化混凝预处理削减中药废水的毒性 .....	余登喜	丁 杰	刘先树	张麓岩	黄煥娣	姜锦玉 (6133)			
水库沉积物-水界面可溶性锰与环境因素的相关性 .....				王泉波	陈 蕾	郑西来 (6139)			
催化剂在 Fe <sup>0</sup> 还原污水硝态氮中的催化作用 .....	杨 鑫	李子富	云玉琴	王冬冷	赵军嫒	(6147)			
双基层绿化屋面的雨水水文水质特征分析 .....		成 龙	吴 卿	龚克娜	王江海	(6153)			
溶解氧浓度对石英砂滤料表面铁、锰氧化膜同步去除地下水氨氮和锰的影响 .....	邵跃宗	黄廷林	史昕欣	汪 洋	程 亚	布 浩 (6159)			
AC/PTFE 微生物燃料电池阴极去除罗丹明 B 及同步产电性能 .....	唐 超	孙 哲	陈东辉	黄满红	郑 伟	廖玲芝	蔡 群 (6165)		
生物质基炭膜的制备及其对 Pb(II) 的吸附 .....	刘 沅	夏靖靖	林珈羽	张 越	童仕唐	(6171)			
水解酸化-磷酸铵镁法-EGSB 组合工艺处理大豆蛋白废水 .....	汪 林	代鹏飞	张炜铭	常 毅	吕 路	徐敬生	杜 倩	石家杰 (6179)	
超声波/紫外线一体化反应器用于污水消毒的中试研究 .....	赵军嫒	李子富	周 瑛	周晓琴	杨 鑫	王冬冷 (6185)			
单室微生物燃料电池处理含铜模拟废水 .....	靳 敏	吴忆宁	赵 欣	李伟明	李 帅	(6190)			
溶液对蛋白质污染膜的清洗效果分析 .....	米 娜	王 磊	苗瑞琦	朱 苗	杨 琦	(6195)			
温度对臭氧氧化再生水的影响 .....	李 想	田一梅	杨 琦	李广贺	(6200)				
地下水化学类型对硫系还原剂去除 Cr(VI) 的影响 .....	李 帅	张瑞峰	邵跃宗	(6212)					
接触氧化过滤去除地表水中的氨氮 .....	郭 敏	黄廷林	文 刚	史昕欣	程建华	李文杰 (6217)			
臭氧氧化深度处理某工业园的印染废水尾水 .....	洪 添	胡勇有	陈元彩	程建华	李文杰 (6217)				
强化电化学原位产过氧化氢因素分析 .....	田世超	李一兵	刘会芳	关 伟	曾华斌	赵 旭 (6222)			
基于感官指数的城市水体景观功能评价 .....	郭红兵	陈 荣	王晓昌	王 鑫	杨柳燕 (6241)				
新型多级复合人工湿地的应用与除磷效果 .....	杨 婷	李翠梅	张 燕	钱立鹏	(6235)				
改性生物质炭与聚磷菌联合去除废水中的磷 .....	朱 雯	王 鑫	杨柳燕 (6241)						
13X 分子筛对水体中钼离子的吸附 .....	王鲲鹏	李 科	廖 维	魏清清	杨金燕 (6249)				
新型智能化曝气控制系统在生活污水 A/O 处理工艺中的应用 .....	杨瓯蒙	胡湛波	王 瑾	吴慧玲	徐旻旻	陶村贵 (6255)			
改性沸石对水中微量汞的吸附性能 .....	朱保虎	陈小敏	杨文	李宏兵	(6261)				
电催化氧化对制药废水二级出水的深度处理效能 .....	刘峻峰	黄琳琳	李姗姗	冯玉杰	(6269)				
不同温度下西安汉城湖沉积物吸附、释放特性和磷形态 .....	于佳真	王晓昌	薛 涛	王文凯	(6275)				
Biostyr 曝气生物滤池的沿程生物多样性 .....	王 琳	肖娇玲	窦娜莎	(6283)					
钇掺杂纳米氧化锌的光催化性能 .....	陈 浩	朱 雷	汪 恂	陈 浩	孙亚兵	张梦怡 (6295)			
低温等离子体改性活性炭纤维对不同极性苯系物的吸附 .....	蒋 浩	孙亚兵	张梦怡 (6295)						
海水电池处理模拟海水养殖废水 .....	李忠贵	张秋婷	陈日耀	陈 晓	郑 曦	(6300)			
高浓度发酵废水生产单细胞蛋白的菌种筛选 .....	周 媛	周子洋	封 莉	程 翔	张立秋 (6307)				
4 种湿地植物对人工湿地净化生活污水的影响比较 .....	刘文杰	许兴原	何 欢	祝栋林	胥瑞晨	孙 成 (6313)			
SBBR 法处理浮选药剂苯胺黑药的影响因素 .....	程庆锋	余 静	能子礼超	张雪乔	郭俊元	信 欣	张 杰 (6371)		
改性玉米秸秆炭和花生壳炭对溶液中 Cd <sup>2+</sup> 的吸附 .....	邓 潇	周 航	陈 珊	陈 齐	彭佩钦	廖柏寒	张 平 (6325)		
以萘为共代谢的萘的好氧生物降解 .....	王文静	陈 海	李 博	杨 琦	(6332)				
一种污泥活性炭的制备及其在兰炭废水处理中的应用 .....	段婧琦	刘永军	周 璐	刘 羽	(6337)				
碱性破乳-Fenton 氧化工艺预处理三烯丙基异氰尿酸酯 (TAIC) 生产废水 .....	孙亚兵	张春晓	辛 路	於仲清	张谷羽 (6343)				
磁性 BiOI/Fe <sub>3</sub> O <sub>4</sub> 的合成及光催化降解水中的双酚 S .....	高生旺	郭昌胜	吕佳佩	侯 嵩	张 远	王朝进	高建峰	徐 建 (6349)	
污泥停留时间对厌氧膜生物反应器处理餐厨废水效能的影响 .....	黄振兴	席克忠	肖小兰	缪恒锋	赵明星	施万胜	阮文权 (6357)		
臭氧预处理制备 PVDF 接枝 SSS 离子交换膜 .....	颜明媛	王 磊	李 陈	王旭东	唐卫婷	山 澜	(6364)		
氨氮对生物净化滤柱中铁锰氨氮去除效果的影响 .....	程庆锋	余 静	能子礼超	张雪乔	郭俊元	信 欣	张 杰 (6371)		
渗滤液回灌比例对好氧生物反应器填埋场稳定化进程的影响 .....	柯佳闻	邱忠平	王 强	刘 洋	于 贵	舒中文	李学如 (6378)		
根施钙镁磷肥与叶喷硅/硒联合调控水稻镉吸收 .....	王小蒙	丁永祯	郑向群	周 莉	师荣光	成卫民	陈咄圳	杨 波	张春雪 (6383)
聚吡咯/壳聚糖复合电极对金属离子的吸附 .....	赵春霞	薛娟琴	张玉洁	代继哲 (6392)					
复合腐殖生物活性填料对活性污泥沉降性能的影响 .....	张居奎	尹 军	桑 磊	王 颖	王立宁 (6397)				
改性棉铃壳对水中刚果红的吸附性能 .....	卫新来	冯玲玲	杨 倩	俞志敏	吴 克 (6403)				
羟肟酸功能化 PMMA/AM/HOA 的合成及对 Hg <sup>2+</sup> 和 Cd <sup>2+</sup> 的吸附性能 .....	孙 林	刘春萍	马松梅	孙豪展	陈 秋	(6409)			
再生水补水景观湖浮游藻类群落结构特征及与环境因子的关系 .....	许洪斌	王文东	王 楠	王晓昌	张 彦	刘红磊 (6416)			
废弃除铜吸附剂的除磷性能 .....	段玉龙	李英华	李海波	李现超	余艳艳 (6431)				
水力负荷对地下渗滤系统微生物分布及 N <sub>2</sub> O 释放的影响 .....	黄 明	李绍峰	鲁秀国	冉治霖	(6439)				

用 Nano-TiO <sub>2</sub> /O <sub>3</sub> 和 Nano-TiO <sub>2</sub> /UV/O <sub>3</sub> 去除腐殖酸并控制臭氧副产物的生成	吴悦	吴纯德	(6446)
Fe <sub>3</sub> O <sub>4</sub> /纤维素纳米复合材料的制备及其对亚甲基蓝的吸附	林青雯	赵琪	高梦凡
膨润土复合颗粒与 SRB 协同处理酸性矿山废水	肖利萍	耿莘惠	裴格
Ti/SnO <sub>2</sub> -F 新型电极氧化降解全氟辛酸	蒋超金	卓琼芳	李静
银纳米粒子作为二苯并噻吩固相萃取剂的研究	赵敏	张强	李娜
Fe/C 微电解耦合 H <sub>2</sub> O <sub>2</sub> 氧化处理页岩气钻井废水	杨德敏	夏宏	冯江涛
钛基二氧化铅电极对酸性红 G 的电催化降解	徐浩	郭午琪	张林
壳聚糖/海藻酸钠复合絮凝剂的吸附性能	傅明连	郑君龙	薛丽贞
基于水解酸化—地下渗滤的分散污水一体化处理工艺	余艳艳	李海波	李现超
基于 RBF 模型的太湖北部叶绿素 a 浓度定量遥感反演	曹红业	程萍萍	袁守涛
人工湿地去除污水厂尾水中的营养元素和雌激素	王亮	程萍萍	袁守涛
不同膨润土对含镉废水的吸附性能	仇欢	王风贺	李卉
垃圾渗滤液-沉积污泥微生物燃料电池的产电性能	高秀红	郭彩芳	石瑛君
UV/Fenton 法处理 EDTA-Cu-Ni 络合废水	王开峰	彭娜	李鑫
石墨烯/碳化钴钼复合材料作为微生物燃料电池阴极催化剂的研究	郭文显	陈妹琼	张敏
高铁酸钾-Fenton 联合氧化法对菲的去除	王艺霏	李亚男	王迪

大气污染防治

行驶速度对机动车尾气排放的影响	田灵娣	樊守彬	张东旭	林雅妮	郭津津	王军玲
非平衡等离子体诱导催化剂吸附单质汞	刘璐	汪可	苏秋风	郑成航	周劲松	高翔
Y <sub>2</sub> O <sub>3</sub> /AC 催化剂的烟气同时脱硫脱硝性能	王婷	丁林	宋永吉	李翠清	王虹	任晓光
SCR 脱硝副产物硫酸氢铵与空预器中飞灰反应特性	马双忱	邓悦	吴文龙	张立男	柴峰	陈凡
多孔介质过滤细颗粒	邢奕	赵晓明	刘应书	李子宜	洪晨	杨雄
不同载体负载氧化铜常温脱除 H <sub>2</sub> S	李芬	魏进	张英民	杨光辉	邱云顺	曾燕伟
Mn-La-Ce-Ni-O/P84 一体化滤布的低温脱硝影响因素	杨波	沈岳松	段言康	唐小苏	宋忠贤	熊平
NiO-MgO 复合金属氧化物催化分解 N <sub>2</sub> O	段言康	唐小苏	宋忠贤	熊平	宁平	张秋林
滤筒除尘器不同进出口夹角对气流分布的影响	李勇	宋欢	刘伟冬	马迎亚	张玉秀	袁淑娟
CuCl <sub>2</sub> 改性材料脱除燃煤烟气中的 Hg <sup>0</sup>	杨丽	石应杰	张辰	舒新前	李文兵	罗斌
袋式除尘器喷管喷吹口径优化	尹刚	李刚	颜欢	王瑞	褚雅志	
采用可再生胺法脱除烟气中 SO <sub>2</sub>	樊轩	李小峰				

固体废物处理与处置

氧化亚铁硫杆菌对酸化铅锌尾矿中 Zn、As 淋溶释放的影响	林海	周义华	董颖博	徐卫娟
污泥连续式微波热解制备生物气	刘立群	张军	吴晓燕	田禹
基于 RSM 模型的碱与超声联合破解污泥工艺优化	徐慧敏	何国富	戴翎翎	张晓娜
绿色木霉和黄孢原毛平革菌混合降解稻草秸秆中的 VOCs	陈耀宁	谭雪斌	黎媛萍	马骏
污泥热解气为燃料的 SOFC-MGT 联合发电系统能效分析	张军	孙崎胜	吴晓燕	田禹
双酶协同水解剩余污泥条件优化	李玉龙	曹海军	纪豪	李登新
垫料生物炭对 Cd <sup>2+</sup> 的吸附性能	王俊超	郑凯琪	俞筱妍	薛红波
餐厨垃圾高温中试两相厌氧发酵的稳定性	李政伟	尹小波	王星	唐治
有机玻璃颗粒流态化热裂解	夏褚芮	范晓旭	丁常富	杨立国
产甲烷菌耐酸培养及其以餐厨为底物的产气特性	田源	蒋家超	陈细妹	郑育毅
生物表面活性剂烷基多苷对餐厨垃圾厌氧发酵产挥发性酸的影响	刘常青	林志龙	王旭彬	袁长波
初始 pH 对原污泥厌氧发酵产气的影响	姚利	付龙云	王艳芹	王传贵
芦苇秸秆厌氧发酵影响因素正交实验及产气潜力研究	王传贵	赵东	余锐	陈亿军
竹粉含量对竹浆造纸白泥/聚氯乙烯复合材料性能的影响	梁冰	胡学涛	陶梅	梁尚文
垃圾焚烧底渣协同固化市政污泥的工程特性	熊晓莉	王超	李宁	吴涓
油泥制备除油吸附剂	吴强	王宁	李玉成	梁月芹
黄粉虫粪基吸附剂的制备工艺优化及其吸附性能				
NaOH 预处理对秸秆与蓝藻混合厌氧发酵产沼气的的影响				

土壤污染防治

植物-固体菌剂联合修复石油污染土壤的基础研究	王京秀	张志勇	孙珊珊	穆红岩	万云洋	赵立平	李永峰	张忠智
生物炭-水泥固化稳定化石油污染土壤	李方	韩清洁	熊惠磊	马骏	吴玉婷	李发生	谷庆宝	
废弃盐厂土壤中铬的赋存特征及异位淋洗修复可行性研究	许端平	李晓波	王宇	孙璐	车轶夫	李翰良	陈卫伟	
FeCl <sub>3</sub> -柠檬酸对土壤中 Pb 和 Cd 淋洗动力学特征	涂杰峰	刘兰英						
福州市主栽蔬菜品种对砷的积累及健康风险	王晓旭	孙丽娜	吴昊	王辉	陈苏	李化超		
表面活性剂强化球形杆菌修复 DDTs 污染农田土壤的现场实验	费小通	张春雷	曹亚丽	殷承启	朱春游			
EDTA 在铅污染土壤治理中的优化处理方法	谷娜	赵佩	高金龙	马玉琳	孟晓玉	王奎涛		
ClO <sub>2</sub> -CuO@蒙脱土催化氧化降解土壤中的蒽								
产黄青霉浸出修复重金属污染土壤								

环境监测技术

PM <sub>2.5</sub> 在线监测样品采集的除湿调温系统及其性能	黄双蕾	曾志云	孙凯璇	朱衷榜	吴代毅
---------------------------------------	-----	-----	-----	-----	-----

## CONTENTS

- Effect of ozone oxidation process on biological stability of reclaimed water ..... LIN Wenqi YU Caihong LI Guoqiang YU Tong SHI Xiaojie HU Hongying(6093)
- Application research on total nitrogen content forecast of River Miju with improved QGA-BP model ..... LONG Hua ZHAO Jidong WANG Xiaodong DU Qingzhi HU Ting SHAO Yubin(6099)
- Effects of temperature on performance of enhanced biological phosphorous removal in activated sludge ..... PENG Dangeong ZHANG Xiaoxia FAN Xiangni HOU Yanhong(6106)
- Surface modification of chitosan performance contrast research of nanoscale zero-valent iron to remove Cr(VI) ..... SUN Yanqiu LIU Tingyi WANG Zhongliang(6111)
- Treatment of cooling spray water from steelmaking and continuous casting by FA/PFS composite materials ..... LI Baishan ZHOU Peijiang WU Liangyu SHU Chun TANG Shunfu(6118)
- Nitrogen removal performance of anammox coupling heterotrophic denitrification in low concentration of acetate ..... ZHANG Meixue LI Yun LI Jun ZHENG Zhaoming XIONG Xiangyang CHEN Gang YAO Yuan LI Qiang(6127)
- Toxicity reduction on pretreatment of traditional Chinese medicine wastewater by enhanced coagulation ..... YU Dengxi DING Jie LIU Xianshu ZHANG Luyan HUANG Huandi JIANG Jinyu(6133)
- Correlations of dissolved Mn and key environmental factors across sediment-water interface of a reservoir ..... WANG Quanbo CHEN Lei ZHENG Xilai(6139)
- Nitrate catalytic reduction by zero-valent iron from water over supported catalyst ..... YANG Xin LI Zifu YUN Yupan WANG Donglin ZHAO Junyuan(6147)
- Analysis of characteristics of hydrology and rainwater quality of the dual-substrate-layer green roof ..... CHENG Long WU Qing GONG Kena WANG Jianghai(6153)
- Effect of DO concentration on removal of ammonium and manganese ion in groundwater by Fe/Mn co-oxides film coating on quartz sands ..... SHAO Yuezong HUANG Tinglin SHI Xinxin WANG Yang CHENG Ya BU Hao(6159)
- Simultaneous removal of Rhodamine B and electricity generation in microbial fuel cell with AC/PTEF cathode ..... TANG Chao SUN Zhe CHEN Donghui HUANG Manhong ZHENG Wei LIAO Lingzhi CAI Qun(6165)
- Preparation of biomass-based carbon membrane and its adsorptive performance for Pb(II) ..... LIU Yuan XIA Jingjing LIN Jiayu ZHANG Yue TONG Shitang(6171)
- Treatment of soy protein wastewater by hydrolysis acidification-magnesium ammonium phosphate precipitation-EGSB process ..... WANG Lin DAI Pengfei ZHANG Weiming CHANG Yi LYU Lu XU Jingsheng DU Qian SHI Jiajie(6179)
- Investigation on disinfection efficiency of anultrasound/ ultraviolet all-in-one reactor at a pilot scale ..... ZHAO Junyuan LI Zifu ZHOU Zhen ZHOU Xiaoqin YANG Xin WANG Dongling(6185)
- Copper efficiency removal in single-chamber microbial fuel cells ..... JIN Min WU Yining ZHAO Xin LI Weiming LI Shuai(6190)
- NaCl cleaning of organic-fouled ultrafiltration membrane ..... MI Na WANG Lei MIAO Rui ZHU Miao(6195)
- Impact of water temperature to ozonation water reuse ..... LI Xiang TIAN Yimei YANG Qi(6200)
- Effects of groundwater chemistry on chromium(VI) removal by sulfur-based reducing agents ..... ZHU Shuai ZHANG Xu LI Guanghe(6205)
- Removing NH<sub>4</sub><sup>+</sup>-N from surface water by contact oxidation filtration ..... GUO Min HUANG Tinglin WEN Gang SHI Xinxin ZHANG Ruifeng SHAO Yuezong(6212)
- Advanced treatment of printing and dyeing tail water from a industrial park by ozonation ..... HONG Tian HU Yongyou CHEN Yuancai CHENG Jianhua LI Wenjie(6217)
- Enhancement of in situ electro-generated hydrogen peroxide via electrochemical process ..... TIAN Shichao LI Yibing LIU Huifang GUAN Wei ZENG Huabin ZHAO Xu(6222)
- Evaluation of landscape function of urban lakes based on sensory index ..... GUO Hongbing CHEN Rong WANG Xiaochang(6229)
- Application and removal efficiency of phosphorus by new multistage composite constructed wetland ..... YANG Ting LI Cuimei ZHANG Yan QIAN Lipeng(6235)
- Removal of phosphorus from wastewater by combination of modified biochar and phosphate-accumulating organisms ..... ZHU Wen WANG Xin YANG Liuyan(6241)
- Adsorption of vanadium on 13X molecular sieve in aqueous solution ..... WANG Kumpeng LI Ke LIAO Wei WEI Qingqing YANG Jinyan(6249)
- Domestic wastewater treatment by A/O process with an intelligent aeration control system ..... YANG Oumeng HU Zhanbo WANG Cui WU Huilin XU Mingyang TAKASHI Suemura(6255)
- Characterization of trace mercury adsorption by modified zeolite ..... ZHU Baohu CHEN Xiaomin YANG Wen JI Hongbing(6261)
- Deep treatment efficiency of electrochemical catalytic oxidation for secondary effluent pharmaceutical wastewater ..... LIU Junfeng HUANG Linlin LI Shanshan FENG Yujie(6269)
- Phosphorus sorption, release characteristic under different temperature and phosphorus fractions in sediments of Hancheng Lake in Xi'an ..... YU Jiazhen WANG Xiaochang XUE Tao WANG Wenkai(6275)
- Microorganism characteristics along Biostyr biological aerated filter ..... WANG Lin XIAO Jiaoling DOU Nasha(6283)
- Photocatalysis of yttrium doped ZnO nanoparticles ..... CHEN Zhan ZHU Lei WANG Xun(6290)
- Adsorption of different polarity BTEX on non-thermal plasma modified activated carbon fiber ..... JIANG Hao SUN Yabing ZHANG Mengyi(6295)
- Treatment of simulant marine aquaculture wastewater using sea-water battery ..... LI Zhonggui ZHANG Quting CHEN Riyao CHEN Xiao ZHENG Xi(6300)
- Strains screening for producing single cell protein from high concentration fermentation wastewater ..... ZHOU Yuan ZHOU Ziyang FENG LI CHENG Xiang ZHANG Liqiu(6307)
- Comparison of treatment performances of simulated urban sewage in constructed wetlands planted with four types of wetland plant ..... LIU Wenjie XU Xingyuan HE Huan ZHU Donglin XU Ruichen SUN Cheng(6313)
- Influencing factors of aniline aerofloat treatment with SBBR method ..... CHENG Yajie SONG Weifeng WANG Wei(6320)
- Adsorption of Cd<sup>2+</sup> from aqueous solution by modified corn straw biochar and peanut shell biochar ..... DENG Xiao ZHOU Hang CHEN Shan CHEN Qi PENG Peiqin LIAO Bohan ZHANG Ping(6325)
- Biodegradation of pyrene using naphthalene as cometabolism substrate ..... WANG Wenjing CHEN Hai LI Bo YANG Qi(6332)
- Preparation of activated carbon with dewatered sludge and its application in semi-coking wastewater treatment ..... DUAN Jingqi LIU Yongjun ZHOU Lu LIU Yu(6337)
- Pretreatment of triallyl isocyanurate (TAIC) production wastewater by alkaline demulsification-Fenton oxidation process ..... SUN Yabing ZHANG Chunxiao XIN Lu YU Zhongqing ZHANG Guyu(6343)
- Preparation of magnetic BiOI/Fe<sub>3</sub>O<sub>4</sub> and its application in photocatalytic degradation of bisphenol S in aqueous solution ..... GAO Shengwang GUO Changsheng LYU Jiapi HOU Song ZHANG Yuan WANG Chaojin GAO Jianfeng XU Jian(6349)
- Effect of sludge retention time on performance of anaerobic membrane bioreactor treating kitchen wastewater ..... HUANG Zhenxing XI Kezhong XIAO Xiaolan MIAO Hengfeng ZHAO Mingxing SHI Wansheng RUAN Wenquan(6357)
- Preparation of PVDF grafted SSS ion exchange membrane by ozone pretreatment ..... YAN Mingjiao WANG Lei LI Chen WANG Xudong TANG Weiting SHAN Lan(6364)
- Effects of ammonia on efficiency of iron, manganese and ammonia removal in biological purifying filter ..... CHENG Qingfeng YU Jing NENGZI Lichao ZHANG Xueqiao GUO Junyuan XIN Xin ZHANG Jie(6371)
- Effect of leachate recirculation ratio on stabilizing process of aerobic bioreactor landfill ..... KE Jiawen QIU Zhongping WANG Qiang LIU Yang YU Gui SHU Zhongwen LI Xueru(6378)
- Cadmium uptake in paddy rice under combined regulation of soil application of calcium magnesium phosphate and leaf spraying of Si/Se ..... WANG Xiaomeng DING Yongzhen ZHENG Xiangqun ZHOU Li SHI Rongguang CHENG Weimin CHEN Peizhen YANG Bo ZHANG Chunxue(6383)
- Adsorption of metal ions on polypyrrole/chitosan composite electrode ..... ZHAO Chunxia XUE Juanqin ZHANG Yujie DAI Jizhe(6392)
- Effect of complex humic biological filler on sludge settling property ..... ZHANG Jukui YIN Jun SANG Lei WANG Ying WANG Lining(6397)
- Adsorption of Congo red from aqueous solution by modified cotton shell ..... WEI Xinlai FENG Lingling YANG Qian YU Zhimin WU Ke(6403)
- Synthesis of hydroxamic acid functionalized PMMA/AM/HOA resin and its adsorbability for Hg<sup>2+</sup> and Cd<sup>2+</sup> ..... SUN Lin LIU Chunping MA Songmei SUN Haozhan CHEN Qiu(6409)
- Phytoplankton community structure and its relation to environmental factors in landscape lake supplemented with reclaimed water ..... XU Hongbin WANG Wendong WANG Nan WANG Xiaochang ZHANG Yan LIU Honglei(6416)
- A recycling method to disused adsorbent after removing copper ions ..... YANG Jingqi LIN Ronghui LYU Haixia(6425)
- Effects of hydraulic load on microbial distributions and N<sub>2</sub>O emissions in a subsurface infiltration system ..... DUAN Yulong LI Yinghua LI Haibo JI Xianchao YU Yanyan(6431)

- Synthesis of magnetic kaolin and adsorption of lead(II) ..... HUANG Ming LI Shaofeng LU Xiuguo RAN Zhilin(6439)
- Humic acid removal and ozonation by-products control in Nano-TiO<sub>2</sub>/O<sub>3</sub> and Nano-TiO<sub>2</sub>/UV/O<sub>3</sub> processes ..... WU Yue [WU Chunde] (6446)
- Preparation of Fe<sub>3</sub>O<sub>4</sub>/cellulose Nanocomposites and its adsorption to methylene blue ..... LIN Qingwen ZHAO Qi GAO Mengfan CHANG Jiali MA Hongzhu(6451)
- Treatment of acid mine drainage by bentonite composite particles cooperate with SRB ..... XIAO Liping GENG Xinhui PEI Ge LI Ying WEI Fang(6457)
- Novel F-doped Ti/SnO<sub>2</sub> electrode for PFOA degradation in aqueous solution ..... JIANG Chaojin ZHUO Qiongfang LI Jing YANG Bo(6464)
- Study on silver nanoparticles as a solid phase extraction of adsorption of dibenzothiophene ..... ZHAO Min ZHANG Qiang LI Na MENG Qingxin CHEN Liyang(6469)
- Oxidation treatment of shale gas drilling wastewater by Fe/C micro-electrolysis combined with H<sub>2</sub>O<sub>2</sub> ..... YANG Demin XIA Hong CHENG Fangping YUAN Jianmei(6473)
- Electrochemical degradation of Acid Red G by titanium-based PbO<sub>2</sub> anode ..... XU Hao GUO Wuqi ZHANG Lin ZHOU Yuantao FENG Jiangtao YAN Wei(6479)
- Adsorption performance of chitosan and sodium alginate composite flocculant ..... FU Minglian ZHENG Junlong XUE Lizhen(6486)
- Integration process of decentralized wastewater treatment in hydrolysis acidification-underground infiltration ..... YU Yanyan LI Haibo JI Xianchao DUAN Yulong WANG Shiman(6491)
- Quantitative retrieval of chlorophyll-a concentration in northern part of Lake Taihu based on RBF model ..... CAO Hongye GONG Tao YUAN Chengzhong JIANG Jinjin(6499)
- Removal of nutrient elements and estrogens in urban tail water by constructed wetland ..... WANG Liang CHEN Pingping YUAN Shoujun HUANG Deying ZHANG Jibiao(6505)
- Adsorption characteristics of Cd<sup>2+</sup>-containing wastewater onto different bentonites ..... QIU Huan WANG Fenghe LI Hui CHEN Yajun ZHAO Bin(6513)
- Electricity generation of microbial fuel cells using landfill leachate-settled sludge ..... GAO Xuhong GUO Caifang SHI Yingjun YANG Chunwei SUN Yuwei SHI Shuyun(6519)
- Treatment of EDTA-Cu-Ni wastewater by UV/Fenton method ..... WANG Kaifeng PENG Na LI Xin YAN Zhizhun LI Xiuxia LU Guining(6524)
- Graphene/Co-Mo carbide as cathodic catalyst in microbial fuel cells ..... GUO Wenxian CHEN Meiqiong ZHANG Min LIU Peng ZHANG Yan CAI Zhiqian CHENG Faliang(6529)
- Potassium ferrate-Fenton combined process in treating phenanthrene ..... WANG Yifei LI Yanan WANG Di WANG Jianwei WANG Guoying(6536)
- Influence of average speed on vehicle exhaust emissions ..... TIAN Lingdi FAN Shoubin ZHANG Dongxu LIN Yani GUO Jinjin WANG Junling(6541)
- Adsorption of elemental mercury in flue gas using non-thermal plasma combined with catalyst ..... LIU Lu WANG Ke SU Qiufeng ZHENG Chenghang ZHOU Jinsong GAO Xiang NI Mingjiang CEN Kefa(6549)
- Performance of simultaneous denitrification and desulfurization for Y<sub>2</sub>O<sub>3</sub>/AC catalysts ..... WANG Ting DING Lin SONG Yongji LI Cuiqing WANG Hong REN Xiaoguang(6555)
- Reaction characteristic of by-product ammonium bisulfate from SCR denitrification and fly ash in air preheater ..... MA Shuangchen DENG Yue WU Wenlong ZHANG Linan CHAI Feng CHEN Fan HAN Tingting SUN Panpan(6563)
- Experimental research of filtering fine particle by porous media ..... XING Yi ZHAO Xiaoming LIU Yingshu LI Ziyi HONG Chen YANG Xiong SUN Yifan WANG Kang LIU Min(6571)
- Investigate of CuO loaded on different oxide support for removal of H<sub>2</sub>S at room temperature ..... LI Fen WEI Jin ZHANG Yingmin YANG Guanghui LI Liang WANG Qifei(6577)
- Influencing factors on low-temperature deNO<sub>x</sub> performance of Mn-La-Ce-Ni-O<sub>x</sub>/P84 ..... YANG Bo SHEN Yuesong QIU Yunshun ZENG Yanwei SHEN Shubao ZHU Shemin(6583)
- Catalytic decomposition of N<sub>2</sub>O over NiO-MgO composite oxide ..... DUAN Yankang TANG Xiaosu SONG Zhongxian XIONG Ping NING Ping ZHANG Qulin(6588)
- Influence of different angle of inlet and outlet for flow field in cartridge filter ..... LI Yong SONG Huan LIU Weidong MA Yingya(6593)
- Removing Hg<sup>0</sup> from simulation flue gas by using CuCl<sub>2</sub> composite materials ..... YANG Li SHI Yingjie ZHANG Chen SHU Xinqian ZHANG Yuxiu(6598)
- Optimization of orifice diameter of injection pipe in bag filter ..... YIN Gang LI Wenbing LUO bin YUAN Shujuan(6603)
- Removal of SO<sub>2</sub> in flue gas by regenerable amine process ..... FAN Xuan LI Xiaofeng YAN Huan WANG Rui CHU Yazhi(6608)
- Influence on leaching of zinc and arsenic in acidified lead-zinc tailings by *Acidithiobacillus ferrooxidans* ..... LIN Hai ZHOU Yihua DONG Yingbo XU Weijuan(6613)
- Production of biosyngas from continuous microwave-induced pyrolysis of sewage sludge ..... LIU Liqun ZHANG Jun WU Xiaoyan TIAN Yu ZHANG Jie(6622)
- Parameters optimization of sludge disintegration pretreated by combined alkaline and ultrasonic through response surface methodology ..... XU Huimin HE Guofu DAI Lingling ZHANG Xiaona WANG Zhongyu DAI Xiaohu XIANG Weining(6629)
- Volatile productions during mixed culture to degrade straw between *Trichoderma viride* and *Phanerochaete chrysosporium* ..... CHEN Yaoning TAN Xuebin LI Yuanping MA Shuang ZHANG Jie GOU Yu LIU Yao WANG Yuannan ZHU Fuzao ZHANG Daoli CHEN Yanrong(6635)
- Performance study on solid oxide fuel cell and micro gas turbine combined power generation system fueled with sludge pyrolysis gas ..... ZHANG Jun SUN Qisheng WU Xiaoyan TIAN Yu ZHANG Jie(6642)
- Effect of double enzyme hydrolysis of residual sludge and optimize ..... LI Yulong CAO haijun JI Hao LI Dengxin(6649)
- Adsorption properties of Cd<sup>2+</sup> by bedding materials derived-biochar ..... WANG Junchao ZHENG Kaiqi YU Xiaoyan XUE Hongbo LI Jianhui YIN Weiqin WANG Xiaozhi(6655)
- A pilot-scale study on the stability of two-phase anaerobic digestion of food waste under thermophilic conditions ..... LI Zhengwei YIN Xiaobo WANG Xing TANG Zhi ZHANG Min LI Qiang WU Bo GENG Yucong DENG Yayue(6662)
- Experimental about pyrolysis of poly(methyl methacrylate) in a fluidized-bed reactor ..... XIA Churui FAN Xiaoxu DING Changfu YANG Liguao YANG Fan(6669)
- Acid-tolerant cultivation of methanogen and its biogas generation characteristics from food wastes ..... YANG Lili ZHAO Mingxing HUANG Yue RUAN Wenqian(6673)
- Effect of biosurfactants alkyl polyglycosides on volatile fatty acid production from food waste anaerobic fermentation ..... TIAN Yuan JIANG Jiachao SHANG Xiaofu LI Meng ZHANG Wei(6680)
- Effects of initial pH on bio-hydrogen production from raw municipal sludge ..... LIU Changqing LIN Zhilong ZHU Xubin CHEN Ximei ZHENG Yuyi ZHAO Youcai(6685)
- Orthogonal test and gas production potential analysis of reed straw anaerobic fermentation ..... YAO Li FU Longyun WANG Yanqin YUAN Changbo YANG Guang LUO Jiafa(6692)
- Effect of bamboo powder content on properties of bamboo paper lime mud/polyvinyl chloride composites ..... WANG Chuangui ZHAO Dong YU Kun(6699)
- Engineering characteristics of municipal sludge solidified by municipal solid waste incineration bottom ash as a additive ..... LIANG Bing HU Xuetao CHEN Yijun(6705)
- Oil removal by adsorbent produced from oily sludge ..... TAO Mei LIANG Shangwen(6711)
- Optimum of preparation and absorption properties of adsorbent from Frass of *Tenebrio Molitor* ..... XIONG Xiaoli WANG Chao LI Ning(6720)
- Anaerobic fermentation of rice straw and blue algae for biogas under NaOH pretreatment ..... WU Qiang WANG Ning LI Yucheng DOU Yueqin WU Juan(6727)
- Basic research for plant and solid bacterial agent to remediate oil-contaminated soil ..... WANG Jingxiu ZHANG Zhiyong SUN Shanshan MU Hongyan WAN Yuyang ZHAO Liping LI Yongfeng ZHANG Zhongzhi(6732)
- Stabilization/solidification of petroleum contaminated soil using biochar-cement ..... LI Fang HAN Qingjie MA Fujun WU Yuting LI Fasheng GU Qingbao(6739)
- Research on occurrence characteristics of Chromium in soils and feasibility study of ex-situ soil washing for an abandoned chrome chemicals manufacturing facility ..... WANG Xuan XIONG Huilei MA Jun XIA Fengying PEI Yu(6746)
- Washing kinetics characteristics of Pb and Cd from contaminated soil with FeCl<sub>3</sub>-citric acid ..... XU Duaping LI Xiaobo WANG Yu SUN Lu CHE Yifu LI Hanliang(6753)
- Arsenic accumulation and health risks to human health in major vegetable cultivars of Fuzhou ..... TU Jiefeng LIU Lanying WU Yunqing CHEN Weiwei(6761)
- In-site experiment on surfactants-enhanced for biodegradation of DDTs-contaminated farmland soils by *Arthrobacter globiformis* ..... WANG Xiaoxu SUN Lina WU Hao WANG Hui CHEN Su LI Huachao(6768)
- Optimized EDTA washing method in remediation of Lead contaminated soil ..... FEI Xiaotong ZHANG Chunlei CAO Yali YIN Chengqi ZHU Chunyou(6775)
- Degradation of anthracene-contaminated soil by ClO<sub>2</sub>-CuO@montmorillonite catalytic oxidation process ..... GU Na ZHAO Pei GAO Jinlong MA Yulin MENG Xiaoyu WANG Kuitao(6781)
- Bioleaching remediation on heavy metal polluted soil using *Penicillium Chrysogenum* ..... DENG Xinhui PENG Fufeng(6789)
- Performances study on dehumidification and regulating temperature system of monitoring ambient air particulate matter mass concentrations sampling ..... HUANG Shuanglei ZENG Zhiyun SUN Kaixuan ZHU Zhongbang WU Daishe(6795)