

目 次

- 黄浦江表层沉积物中吸附态 As(V)的释放研究 马红梅, 朱志良, 程永前, 赵建夫(1)
- 三峡水库湖北段沉积物磷形态及其分布特征 张琳, 毕永红, 胡征宇, 梅裕(6)
- 某化工区土壤有机氯农药来源和垂直分布特征 汪光, 吕永龙, 史雅娟, 罗维, 王铁宇(10)
- 丙溴磷在土壤中的吸附与迁移行为研究 罗婧, 贾娜, 施海燕, 王鸣华(16)
- 有机质对土壤气相抽提去除四氯化碳效率的影响 卢中华, 裴宗平, 麦守敬, 王岩, 胡佳佳, 闫娜(20)
- 同时提取土壤微生物 DNA 和 RNA 方法的研究 洪桂云, 鲍立宁, 魏兆军(24)
- 污水处理厂活性污泥中甲烷袋状菌的分离与鉴定 马金亮, 张丽萍, 程辉彩, 李辉, 王宏伟(28)
- 废啤酒酵母泥吸附活性黑 31 的机理研究 王宝娥, 沈学斌(32)
- 酵母融合菌对 Cr 的吸附性能及机理分析 周艾平, 尹华, 叶锦韶, 彭辉, 何宝燕, 张娜(37)
- PVA 大孔载体固定化微生物 SBBR 脱氮 魏云霞, 李斌, 李彦锋, 王耀龙, 叶正芳(43)
- 耐盐好氧反硝化菌筛选及其反硝化特性的研究 李静, 王文文, 梁磊, 冯文清(48)
- 纳滤膜去除饮用水中微量三唑磷的研究 吴礼光, 项雯(53)
- 阴离子交换树脂对水杨酸的吸附与解吸性能 谢祖芳, 陈渊, 朱万仁, 娄全, 马燕枝, 吴燕平(59)
- 光温条件和 pH 对浮萍生长及磷吸收的影响 蔡树美, 张震, 辛静, 周雄飞, 钱晓晴(63)
- 鸡蛋壳废料对水中磷的吸附性能研究 张渊, 冯景伟, 陈云峰, 严建光(67)
- 铁氧化物陶瓷颗粒除氟效果及吸附特性研究 朱迪瑞, 陈男, 和树庄, 赵莹, 陆铁峰(71)
- 磁性壳聚糖微球吸附水中 As(Ⅲ)的实验研究 杨金辉, 杨斌, 包正垒, 王劲松, 邓钦文, 陈思光(76)
- 以珠三角典型灰霾天气为例谈资料分析方法 吴兑, 吴晟, 李海燕, 陈欢欢(80)
- La-Co-Fe-Cu/HZSM-5 催化剂在尾气碳颗粒燃烧中的催化性能 王虹, 王军利, 李翠清, 宋永吉, 迟姚玲(85)
- 微波辐照活性炭改性机理研究 曹晓强, 陆洪省, 黄学敏(89)
- 地质封存中 CO₂ 水溶液密度研究进展 常飞, 宋永臣, 张毅(92)
- 锰超富集植物种质资源及耐性机制研究进展 刘恒, 薛生国, 何哲祥, 刘丰豪, 雷杰, 周喜艳(98)

微生物燃料电池中底物的研究进展

- 刘晶晶, 孙永明, 孔晓英, 李连华, 李颖, 田沈, 杨秀山, 袁振宏(104)
- 污水污泥高温热解技术研究现状与进展 万立国, 田禹, 张丽君, 方琳(109)
- 痕量磺胺二甲基嘧啶 ELISA 与 HPLC 检测方法比较 田世烜, 张萌, 陈亮, 黄满红(115)
- 气溶胶在采样管中的沉积特性研究 何启梅, 王启燕, 高鸿恩, 黄冕敏(119)
- 氢化物发生原子荧光光度法分析空气中铅 邓义, 钟志京, 辉永庆, 龙素群, 林涛, 何小波(122)
- 不同进水条件对 SBR 工艺脱氮除磷效能的影响 杨菲菲, 马放, 魏利, 姜欣欣, 张倩, 高杰, 张晓昕(127)
- 强化混凝技术处理生活污水的试验研究 刘玉哲, 胡锋平, 杨竞, 童祯恭(132)
- 衡阳平湖污染淤泥固化/稳定化技术的应用 屈阳, 朱伟, 包建平, 刘青松, 蔡健明(137)
- 超声波-臭氧破解剩余污泥技术的初步研究 黄慧, 朱世云, 寇青青, 王瀛寰, 荣春(141)
- γ -射线对不同含水率剩余污泥的影响 郑忆枫, 陈群, 曹长青, 王敏, 汪永辉(144)
- 化学沉淀法回收污泥中氮磷的影响因素研究 员建, 苑宏英, 陈轶, 池勇志(148)
- 赤泥对含磷废水中磷的去除效果及其影响因素研究 陈程, 吴永贵, 钱晓莉, 赵铮, 喻阳华, 廖芬, 申万璥(152)
- 钛基二氧化铅掺杂电极对附子加工废水的降解研究 徐旭东, 王中琪, 吴兴贵, 周乃磊, 赵德龙, 杨鹏(156)
- 微絮凝-大梯度磁滤工艺去除水中浊度及有机物 曹勇峰, 荣宏伟, 张可方, 张朝升(160)
- UV-Fenton 氧化-生化法联合处理含酚废水 刘琼玉, 刘君侠, 刘延湘(163)
- H_2O_2 协同三维电极法处理罗丹明 B 废水的研究 莫德清, 郭亚栋(167)
- 微波酸活化粉煤灰吸附酸性大红染料废水实验研究 姚万军, 刘哲, 梁军(173)
- 磁强化 Fenton 处理苯酚废水的试验研究 冯俊生, 陶静, 付益伟(177)
- 一种改进型电凝聚器降解 X-3B 染料废水研究 彭清泉, 丁忠浩, 苗丽芬, 杨佳(181)
- 三峡库区大宁河流域非点源污染输出风险分析 田甜, 刘瑞民, 王秀娟, 况亮, 秦玮(185)
- 中国不同时期经济发展与碳排放的关联分析 王海宁, 薛惠锋(191)
- 动态交通噪声主观评价实验及模型研究 张鹏, 蔡铭, 李锋(195)
- CALPUFF 在大气预测及环境容量核算中的应用 任重, 马海涛, 王丽, 杨晓灵(201)

期刊基本参数: CN 42-1245/X*1978*m*A4*210*zh*P*¥25*5000*45*2011-06

本期责任编辑: 刘慕凡

CONTENTS

| | |
|---|--|
| Release of As(V) Adsorbed on Surface Sediment of Huangpu River..... | MA Hong-mei, ZHU Zhi-liang, CHENG Yong-qian, ZHAO Jian-fu (1) |
| Phosphorus Forms and Its Distribution Character in Sediment of Three Gorges Reservoir in Hubei..... | ZHANG Lin, BI Yong-hong, HU Zheng-yu, MEI Yu (6) |
| Source and Vertical Distribution of Organochlorine Pesticide Residues in Soils from a Typical Chemical Industrial Area..... | WANG Guang, LV Yong-long, SHI Ya-juan, LUO Wei, WANG Tie-yu (10) |
| Adsorption and Mobility of Profenofos in Soils..... | LUO Jing, JIA Na, SHI Hai-yan, WANG Ming-hua (16) |
| Tetrachloride from Soils by Soil Vapor Extraction..... | LU Zhong-hua, PEI Zong-ping, LU Shou-gan, WANG Yan, HU Jia-jia, YAN Shan (20) |
| Simultaneous Recovery of DNA and RNA from Soil Microbe..... | HONG Gui-yun, BAO Li-ning, WEI Zhao-jun (24) |
| Isolation and Identification of <i>Methanoculleus</i> in Activated Sludge of Sewage Treatment Plant..... | MA Jin-liang, ZHANG Li-ping, CHENG Hui-cai, LI Hui, WANG Hong-wei (28) |
| Biosorption Mechanism of Reactive Black 31 by Waste Beer Yeast Sludge..... | WANG Bao-e, SHEN Xue-bin (32) |
| Biosorption Performance and Mechanism of Cr by Yeast Fusion Strain..... | ZHOU Ai-ping, YIN Hua, YE Jin-shao, PENG Hui, HE Bao-yan, ZHANG Na (37) |
| Removing Ammonia Nitrogen by Immobilized Microorganism in SBR..... | WEI Yun-xia, LI Bin, LI Yan-feng, WANG Yao-long, YE Zheng-fang (43) |
| Screening of Aerobic Denitrifying Bacteria with Salt Tolerance and Characteristics of Aerobic Denitrification..... | LI Jing, WANG Wen-wen, LIANG Lei, FENG Wen-qing (48) |
| Nanofiltration Membrane Process for Removal of Trace Triazophos from Drinking Water..... | WU Li-guang, XIANG Wen (53) |
| Adsorption and Desorption Behavior of Salicylic Acid with Anion Exchange Resin..... | XIE Zu-fang, CHEN Yuan, ZHU Wan-ren, YAN Quan, MA Yan-zhi, WU Yan-ping (59) |
| Effect of Photon Flux Density and pH on Growth Ability and Phosphorus Removal Efficiency of Two Duckweed Species..... | CAI Shu-mei, ZHANG Zhen, XIN Jin, ZHOU Xiong-fei, QIAN Xiao-qing (63) |
| Adsorptive Performance of Phosphate onto Eggshell Waste..... | ZHANG Liu, FENG Jing-wei, CHEN Yun-feng, WU Jian-guang (67) |
| Effect of Fluoride Removal by Iron Oxide Ceramic Materials..... | ZHU Di-rui, CHEN Nan, HE Shu-zhuang, ZHAO Ying, LU Yi-feng (71) |
| Experimental Study on the Adsorption of As(Ⅲ) in Water by Magnetic Chitosan Microspheres..... | YANG Jin-hui, YANG Bin, BAO Zheng-lei, WANG Jin-song, DENG Qin-wen, CHEN Si-guang (76) |
| Data Analysis Method of Haze in the Pearl River Delta as an Example..... | WU Dui, WU Cheng, LI Hai-yan, CHEN Huan-huan (80) |
| Performance of La-Co-Fe-Cu/HZSM-5 Catalysts for Combustion of Soot from Diesel Exhaust..... | WANG Hong, WANG Jun-li, LI Cui-qing, SONG Yong-ji, CHI Yao-ling (85) |
| Mechanism of Activated Carbon Modified by Microwave Irradiation..... | CAO Xiao-qiang, LU Hong-sheng, HUANG Xue-min (89) |
| Research Progress on Density of CO ₂ Aqueous Solution..... | CHANG Fei, SONG Yong-chen, ZHANG Yi (92) |
| Germplasm Collections and Manganese Tolerance Mechanisms of Manganese Hyperaccumulator Plants..... | LIU Heng, XUE Sheng-guo, HE Zhe-xiang, LIU Feng-hao, LEI Jie, ZHOU Xi-yan (98) |

| | |
|---|---|
| Research Advance on Substrates in Microbial Fuel Cells..... | LIU Jing-jing, |
| SUN Yong-ming, KONG Xiao-ying, LI Lian-hua, LI Ying, TIAN Shen, YANG Xiu-shan, YUAN Zhen-hong (104) | |
| Status and Progress on High Temperature Pyrolysis of Sewage Sludge..... | |
|WAN Li-guo, TIAN Yu, ZHANG Li-jun, FANG Lin (109) | |
| Comparison of ELISA and HPLC for Trace Sulfamethazine Determination in Municipal Sewage..... | |
|TIAN Shi-xuan, ZHANG Meng, CHEN Liang, HUANG Man-hong (115) | |
| Deposition of Aerosol Particles in Sampling Pipe..... | |
|HE Qi-mei, WANG Qi-yan, GAO Hong-en, HUANG Sheng-min (119) | |
| Determination of Gaseous Lead in Air by Hydride Generation-Atomic Fluorescence Spectrometry..... | |
|DENG Yi, ZHONG Zhi-jing, HUI Yong-qing, LONG Su-quan, LIN Tao, HE Xiao-bo (122) | |
| Influence on Nitrogen and Phosphorus Removal by SBR Process..... | |
|YANG Fei-fei, MA Fang, WEI Li, JIANG Xin-xin, ZHANG Qian, GAO Jie, ZHANG Xiao-xin (127) | |
| Pilot Scale Study on Treatment of Domestic Wastewater by Enhanced Coagulation Technology..... | |
|LIU Yu-zhe, HU Feng-ping, YANG Jing, TONG Zhen-gong (132) | |
| Application of Polluted Sediment Solidification/Stabilization Technology in Ping Lake of Hengyang City..... | |
|QU Yang, ZHU Wei, BAO Jian-ping, LIU Qing-song, CAI Jian-ming (137) | |
| Preliminary Study on Disruption of Excess Sludge by Ultrasound and Ozone..... | |
|HUANG Hui, ZHU Shi-yun, KOU Qing-qing, WANG Ying-huan, RONG Chun (141) | |
| γ -ray Radiation Effects on Residual Sludge with Different Moisture Contents..... | |
|ZHENG Yi-feng, CHEN Qun, CAO Chang-qing, WANG Min, WANG Yong-hui (144) | |
| Impact Factors on Recovery of Nitrogen and Phosphorus by Chemical Precipitation in Sludge..... | |
|YUAN Jian, YUAN Hong-ying, CHEN Yi, CHI Yong-zhi (148) | |
| Phosphorus Removal Effect and Influence Factors of Red Mud..... | |
|CHEN Cheng, WU Yong-gui, QIAN Xiao-li, ZHAO Zheng, YU Yang-hua, LIAO Fen, SHEN Wan-tun (152) | |
| Degradation of Aconitic Wastewater by Doped Lead Dioxide Electrodes on Ti Substrate..... | |
|XU Xu-dong, WANG Zhong-qi, WU Xing-gui, ZHOU Nai-lei, ZHAO De-long, YANG Peng (156) | |
| Removal of Turbidity and Organic Matter from Water by Microflocculation-High Gradient Magnetic Filter..... | |
|CAO Yong-feng, RONG Hong-wei, ZHANG Ke-fang, ZHANG Chao-sheng (160) | |
| Treatment of Phenolic Wastewater by Combining UV-Fenton Oxidation with Biological Oxidation..... | |
|LIU Qiong-yu, LIU Jun-xia, LIU Yan-xiang (163) | |
| Treatment of Rhodamine B Wastewater by Three-dimensional Electrode Reactor with Hydrogen Peroxide..... | |
|MO De-qing, GUO Ya-dong (167) | |
| Adsorption Removal of Acid Scarlet Dye by Microwave Acid Activated Fly Ash..... | |
|YAO Wan-jun, LIU Zhe, LIANG Jun (173) | |
| Magnetic Enhanced Fenton Treatment of Phenol Wastewater..... | FENG Jun-sheng, TAO Jing, FU Yi-wei (177) |
| Treatment of Stuff-RBBRX-3B Dye Aqueous Solution by Improved Electrocoagulation Equipment..... | |
|PENG Qing-quan, DING Zhong-hao, MIAO Li-fen, YANG Jia (181) | |
| Risk Assessment of Nitrogen and Phosphorus Export in Daning River of Three Gorges Reservoir Area..... | |
|TIAN Tian, LIU Rui-min, WANG Xiu-juan, KUANG Liang, QIN Wei (185) | |
| Correlation Analysis of Relationship of Economic Development and Carbon Dioxide Emission in Different Periods of China..... | |
|WANG Hai-ning, XUE Hui-feng (191) | |
| Subjective Evaluation Experiment and Models of Dynamic Traffic Noise..... | ZHANG Peng, CAI Ming, LI Feng (195) |
| Using CALPUFF in Atmospheric Prediction and Environmental Capacity Calculation..... | |
|REN Zhong, MA Hai-tao, WANG Li, YANG Xiao-ling (201) | |