

目 次

废弃聚氨酯硬泡中 CFC-11 的释放机理 ..... 刘景洋, 段宁, 杨勇, 郭五文(1)

密云水库水的预氧化研究 ..... 刘起峰, 周新涛, 李在东, 李涛(6)

苡苳对披针舟形藻的生长及叶绿素荧光特性影响 ..... 何艺, 陈欢, 杨剑, 胡章立, 雷安平(10)

超声波强化剩余活性污泥缺氧/好氧消化的研究 ..... 童文锦, 孙水裕, 李楚华, 郑莉, 姚炜婷, 占星星(14)

油粒子体积对扩散的影响及油膜粒子化改进 ..... 杨红, 王珂, 胡松, 林军, 韩众, 解满俊(18)

氯苯和邻二氯苯的蚯蚓急性毒性研究 ..... 卢强, 张松林, 张晓伟, 杨敬辉, 唐睿, 伏小勇(23)

多介质潜流人工湿地的水动力过程模拟 ..... 张涛, 宋新山, 卢守波(27)

呼和浩特地区 5 种园林绿化树种 UVB 屏蔽效应研究 ..... 杨莹, 安慧君, 王冰, 王晓亮(31)

两种凹凸复合生物滤料在 BAF 中的挂膜研究 ..... 胡涛, 吴彩金, 王松, 朱斌(35)

改性桑枝粉对水中 Cu(II) 的吸附及动力学 ..... 沈士德, 徐娟(39)

船舶压载水中活体生物计数方法的研究——真空抽滤浓缩固定预处理 ..... 冯道伦, 苏晓峰, 詹世杰(44)

废弃印刷线路板资源化与无害化处理研究进展 ..... 刘维桥, 尚通明, 雷卫宁, 周全法(48)

城市降雨径流多环芳烃污染研究的进展与展望 ..... 罗小林, 郑一, 张巍, 王学军(55)

水体氟污染的植物修复与毒性 ..... 陈丽慧, 熊治廷(60)

印染废水处理中高效厌氧反应器技术研究 ..... 赵鹏飞, 刘永红, 耿云波(64)

贵州省典型煤矿区水体水质分析及其急性生物毒性 ..... 王俭, 吴永贵, 刘方, 喻阳华, 曹理, 王兰, 秦中(68)

贵阳市城区近地面 PM<sub>10</sub>/PM<sub>2.5</sub> 及重金属污染水平研究 ..... 王京, 王初, 陈振楼(74)

海藻酸钠强化超滤含铜废水 ..... 魏东洋, 王飞, 刘广立, 黄锦旭(77)

三峡水库入库河流大宁河土壤重金属分布特征研究 ..... 张雷, 秦延文, 郑丙辉, 曹伟(81)

中国工业二氧化碳排放的影响因素分析 ..... 潘佳佳, 李廉水(86)

三种植物对南京秦淮河重金属污染的监测 ..... 贺艳, 王爱国, 胡蔚, 陈亚华, 沈振国, 夏妍(93)

高效液相色谱法测定鸡粪中尼卡巴唑的含量 ..... 国彬, 姚丽贤, 何兆桓, 周昌敏, 李国良, 杨芭梅, 黄连喜(97)

碱渣对土壤中镉有效性的影响	郭利敏, 艾绍英, 唐明灯, 李盟军, 姚建武, 王艳红, 曾招兵(100)
杭嘉湖水网平原村域水环境污染及其负荷分析	费频频, 杨京平(104)
扬州城市生态系统稳定性分析	刘臣辉, 范海燕, 詹晓燕, 吕信红(110)
珠江三角洲灰霾污染物特征分析及对策	伍复胜, 管东生(115)
大气环境影响评价导则修订与对比分析	丁峰, 李时蓓(120)
pH 对厨余垃圾厌氧发酵产酸的影响	李定龙, 戴肖云, 赵宋敏, 刘东飞, 祁静(125)
上海市能源 CO <sub>2</sub> 排放及节能减排的减碳效果分析	李莉(129)
应用层次分析法评价印染废水深度处理技术	马春燕, 吴惠彪, 张铁群, 臧旦立(135)
荆州市中心城区集中式饮用水源保护区优化研究	杨立群(140)
折板波形流人工填料污水处理方法的实验研究	丁文广, 牛贺文, 朱博, 牛贺强(145)
COD/SO <sub>4</sub> <sup>2-</sup> 值对硫酸盐有机废水处理效率的影响	容翠娟, 邓秀梅, 蒋永荣, 周若梅, 韦添尹, 赵宸艺, 陈源龙(148)
甘蔗渣和稻草秸在亚/超临界水中液化的初探	马晶, 董宇, 申哲民, 刘婷婷(152)
混凝剂活性污泥法处理城市污水研究	王海燕, 张可方, 荣宏伟, 张朝升(155)
碳纳米管修饰电极对焦化废水的降解性能研究	孙舒婧, 王艳, 丁桂甫, 汪红(159)
pH 对热处理污泥厌氧发酵产氢的影响	陈琛, 刘敏, 陈澄(163)
微波混凝技术处理甲基橙模拟废水研究	董婕, 梅凯(168)
固体碱催化剂制备生物柴油的研究	陆世雄, 丁忠浩, 陈英明, 颜胜华, 李曼, 彭清泉(172)
低温条件下硝基苯降解菌的分离及降解特性	马溪平, 李银萍, 徐成斌(176)
酒精废水处理及资源利用	刘华, 孙丽娜, 陈锡剑, 沈新天, 荆建刚, 周永纯(180)
湛江某对虾基地沉积物重金属含量特征及评价	黄雪夏, 姚泊, 邓红梅, 崔明超(184)
企业对环境信息公开的响应研究——以常熟市为例	俞钦钦, 刘蓓蓓, 张炳, 毕军(190)
交通拥堵对 TSP 排放的影响分析	殷玮, 夏晓梅, 张德礼, 陆纯, 胡环(196)
基于主成分分析的焦化行业清洁生产评价	沈洪艳, 高雷更, 万宝春, 王芳, 王文欢(200)

期刊基本参数: CN 42-1245/X\*1978\*m\*A4\*210\*zh\*P\*¥25\*5000\*45\*2011-04

本期责任编辑: 张钢

## CONTENTS

Mechanism of CFC-11 from Waste Polyurethane Rigid Foams.....	LIU Jing-yang, DUAN Ning, YANG Yong, GUO Yu-wen (1)
Pretreatment of Raw Water from Miyun Reservoir.....	LIU Qi-feng, ZHOU Xin-tao, LI Zai-dong, LI Tao(6)
Effects of Fluoranthene on Growth and Chlorophyll Fluorescence Characteristics of <i>Navicula lanceolata</i> .....	HE Yi, CHEN Huan, YANG Jian, HU Zhang-li, LEI An-ping(10)
Enhanced Anoxic/Aerobic Digestion of Waste Activated Sludge by Ultrasound.....	TONG Wen-jin, SUN Shui-yu, LI Chu-hua, ZHENG Li, YAO Wei-ting, ZHAN Xing-xing(14)
Impact of Size of Oil-particle on Oil Film and Improved Method of Changing Oil Slick into Particles.....	YANG Hong, WANG Ke, HU Song, LIN Jun, HAN Zhong, XIE Man-jun(18)
Acute Toxicity Effects of Chlorobenzene and Dichlorobenzene on Earthworms.....	LU Qiang, ZHANG Song-lin, ZHANG Xiao-wei, YANG Jing-hui, TANG Rui, FU Xiao-yong (23)
Mathematical Modeling of Hydrodynamics in Heterogeneous Subsurface Flow Constructed Wetland.....	ZHANG Tao, SONG Xin-shan, LU Shou-bo (27)
Screening Effect to UVB of Five Species of Garden Plants in Hohhot.....	YANG Ying, AN Hui-jun, WANG Bing, WANG Xiao-liang(31)
Biofilm Formation of BAF with Two Different Biological Filter Medium Based on Attapulgit.....	HU Tao, WU Cai-jin, WANG Song, ZHU Bin(35)
Sorption of Cu (II) by NaOH-modified Mulberry Twig Powder and Its Biosorption Kinetics.....	SHEN Shi-de, XU Juan(39)
Numeration of Viable Organism in Ship's Ballast Water -Concentration and Fixation Pretreatment by Vacuum Filtration.....	FENG Dao-lun, SU Xiao-feng, ZHAN Shi-jie(44)
Progress in Study of Recycling and Innocuous Treatment of Waste Printed Circuit Boards.....	LIU Wei-qiao, SHANG Tong-ming, LEI Wei-ning, ZHOU Quan-fa(48)
PAHs Pollution of Urban Rainfall Runoff: Progress and Prospects.....	LUO Xiao-lin, ZHENG Yi, ZHANG Wei, WANG Xue-jun (55)
Phytoremediation in Fluoride Contamination Water and Toxicity of Fluoride on Plants.....	CHEN Li-hui, XIONG Zhi-ting(60)
Overview of High-rate Anaerobic Technology for Treatment of Dyeing Wastewater.....	ZHAO Peng-fei, LIU Yong-hong, GENG Yun-bo(64)
Water Quality Analysis and Acute Toxicity to <i>Daphnia Carinata</i> of Various Water Samples from Typical Coal Mining Areas in Guizhou Province.....	WANG Jian, WU Yong-gui, LIU Fang, YU Yang-hua, ZENG Li, WANG Lan, QIN Zhong(68)
Heavy Metal Pollution of PM <sub>10</sub> /PM <sub>2.5</sub> Near-surface in Guiyang.....	WANG Jing, WANG Chu, CHEN Zhen-lou (74)
Alginate Enhanced Ultrafiltration for Treatment of Copper Wastewater.....	WEI Dong-yang, WANG Fei, LIU Guang-li, HUANG Jin-xu(77)
Distribution and Pollution Assessment of Heavy Metal in the Soil of Backwater Reach from Input River of Three Gorges Reservoir.....	ZHANG Lei, QIN Yan-wen, ZHENG Bing-hui, CAO Wei (81)
Analysis of Factors Affecting Industrial Carbon Dioxide Emission in China.....	PAN Jia-jia, LI Lian-shui(86)
Monitoring of Heavy Metal Contamination of Qinhuai River by Three Plants.....	HE Yan, WANG Ai-guo, HU Wei, CHEN Ya-hua, SHEN Zhen-guo, XIA Yan(93)

Determination of Nicarbazin in Fowl Dung by High Performance Liquid Chromatography.....	
.....GUO Bin, YAO Li-xian, HE Zhao-huan, ZHOU Chang-min, LI Guo-liang, YANG Bao-mei, HUANG Lian-xi(97)	
Effect of Alkali Slag on Cadmium Bioavailability in the Contaminated Soil.....	
.....GUO Li-min, AI Shao-ying, TANG Ming-deng, LI Meng-jun, YAO Jian-wu, WANG Yan-hong, ZENG Zhao-bing(100)	
Analysis of Water Environment Pollution and Pollution Load at Village Scale in Hang-Jia-Hu Water-net Plain.....	
.....FEI Pin-pin, YANG Jing-ping(104)	
Stability Analysis of Yangzhou Urban Ecosystem.....	
.....LIU Chen-hui, FAN Hai-yan, ZHAN Xiao-yan, LV Xin-hong (110)	
Pollutants Analysis of Haze and Environmental Management in Pearl River Delta.....	
.....WU Fu-sheng, GUAN Dong-sheng (115)	
Revision on Technical Guideline of Atmospheric Environment Impact Assessment and Comparative Analysis.....	
.....DING Feng, LI Shi-bei(120)	
Influence of pH on Acidity during Anaerobic Fermentation of Kitchen Waste.....	
.....LI Ding-long, DAI Xiao-yun, ZHAO Song-min, LIU Dong-fei, QI Jing (125)	
Energy Related Carbon Dioxide Emission and Carbon Reduction Benefit Due to Implementation of Energy Saving and Emission Reduction in Shanghai.....	
.....LI Li(129)	
Application of AHP to Comprehensive Technology Evaluation of Advanced Treatment of Printing and Dyeing Wastewater.....	
.....MA Chun-yan, WU Hui-biao, ZHANG Yi-qun, XI Dan-li (135)	
Optimization of Centralized Drinking Water Source in Downtown of Jingzhou.....	
.....YANG Li-qun(140)	
Experiment Study on Table-flap Wavy Flow and Artificial Stuffing Treatment of Wastewater.....	
.....DIND Wen-guang, NIU He-wen, ZHU Bo, NIU He-qiang(145)	
Effect of COD/SO <sub>4</sub> <sup>2-</sup> on Treatment of Organic Wastewater Containing Sulfate.....	
.....RONG Cui-juan, DENG Xiu-mei, JIANG Yong-rong, ZHOU Ruo-mei, WEI Tian-yin, ZHAO Chen-yi, CHEN Yuan-long (148)	
Experimental Study on Liquefaction of Biomass in Subcritical and Supercritical Water.....	
.....MA Jing, DONG Yu, SHEN Zhe-min, LIU Ting-ting(152)	
Treatment of Municipal Wastewater with Coagulant-Activated Sludge Process.....	
.....WANG Hai-yan, ZHANG Ke-fang, RONG Hong-wei, ZHANG Chao-sheng(155)	
Electrochemical Degradation Characteristics of Refractory Organic Pollutants in Coking Wastewater on Multiwall Carbon Nanotubes Modified Electrode.....	
.....SUN Shu-jing, WANG Yan, DING Gui-fu, WANG Hong(159)	
Effect of pH on Fermentation Hydrogen Production from Heat Pretreated Sludge.....	
.....CHEN Chen, LIU Min, CHEN Ying( 163)	
Treatment of Methyl Orange Simulated Wastewater with Microwave Coagulation.....	
.....DONG Jie, MEI Kai (168)	
Preparation of Biodiesel by Using Solid Base Catalyst.....	
.....LU Shi-xiong, DING Zhong-hao, CHEN Ying-ming, YAN Sheng-hua, LI Man, PENG Qing-quan(172)	
Isolation and Degradation Characteristics of Nitrobenzene-degradation Bacterium at Low Temperature.....	
.....MA Xi-ping, LI Yin-ping, XU Cheng-bin(176)	
Treatment of Alcohol Wastewater and Resource Utilization.....	
.....LIU Hua, SUN Li-na, CHEN Xi-jian, SHEN Xin-tian, JING Jian-gang, ZHOU Yong-chun(180)	
Characteristics of Heavy Metal Contents in Sediments of a Prawn Farming Area in Zhanjiang City.....	
.....HUANG Xue-xia, YAO Bo, DENG Hong-mei, CUI Ming-chao(184)	
Corporate Reaction to Environmental Information Disclosure——A case Study of Changshu, Jiangsu Province.....	
.....YU Qin-qin, LIU Bei-bei, ZHANG Bing, BI Jun(190)	
Effect of Traffic Jam on Distribution of TSP Emission.....	
.....YIN Wei, XIA Xiao-mei, ZHANG De-li, LU Chun, HU Huan ( 196)	
Cleaner Production Assessment Based on Principal Component Analysis Method in Coking Industry.....	
.....SHEN Hong-yan, GAO Lei-geng, WAN Bao-chun, WANG Fang, WANG Wen-huan(200)	