

## 目 次

堆制技术对土壤中石油烃的降解研究	王震宇, 许颖, 高冬梅,等(1)
成都经济区有机氯农药异常区大气影响推断	杨丹, 祁士华, 邢新丽,等(6)
废塑料再生产品对生菜种子萌发及根伸长影响	陈海燕, 海热提(10)
羧甲基纤维素包覆纳米铁的制备及其分散性研究	李素君, 卫建军, 余江,等(15)
大清河小流域城郊型面源污染现状与对策研究	袁晓燕, 余志敏, 施卫明(19)
附着藻类对湖水磷浓度的影响	张强, 刘正文(31)
不同源排放对世博规划区 SO <sub>2</sub> 浓度贡献数值分析	张道方, 袁利芬(35)
细菌氧化法制取黄钾铁矾的研究	时启立, 朱艳彬, 杨钱华,等(39)
一株溶铜绿微囊藻真菌的分离与鉴定	焦一滢, 赵以军, 许敏,等(44)
交联壳聚糖-CdS 颗粒可见光催化脱色甲基橙研究	朱华跃, 蒋茹, 常玉华(48)
小波支持向量机在大气污染物浓度预测中的应用	陈柳(53)
长江干流关键点流量变化及其生态影响分析	冯瑞萍, 常剑波, 张晓敏,等(57)
河道淤泥的轻质化处理及其工程性质	顾欢达, 顾熙(63)
TiO <sub>2</sub> 催化降解结晶紫的降解历程探究	董秋花, 刘明阳, 赵中一(67)
含氟硅胶密封包装实验研究	赵颜红, 王东文, 屈卫波(71)
厌氧颗粒污泥对有机污染物的初期吸附机制	徐宏英, 李亚新, 苏槟楠,等(75)
铜绿微囊藻对磷酸盐的代谢及动力学研究	方群, 崔莉凤, 庞晓辰(79)
微生物电解产氢新技术研究现状与进展	陈小粉, 柳娴, 李小明,等(82)
流域空间统计模型 SPARROW 及其研究进展	吴在兴, 王晓燕(87)
北京东南化工区土壤有机氯农药污染特征和分布规律	汪光, 吕永龙, 史雅娟,等(91)
钒钛基 SCR 催化剂中毒及再生研究进展	王静, 沈伯雄, 刘亭,等(97)

去除水体中砷的研究进展与展望	王颖, 吕斯丹, 李辛,等(102)
引江入湖修复城市内湖方案的初步探索	伍静静, 李登新, 郑志雄,等(108)
光催化降解气相甲苯反应特性的一种新预测模型	唐峰, 杨旭东(113)
北京市生活垃圾处理的温室气体排放变化分析	潘玲阳, 叶红, 黄少鹏,等(116)
围网养殖对洪湖水质的影响分析	班璇, 余成, 魏珂,等(125)
土壤及植物复合体系中有机酸的测定	孙宝利, 赤杰, 范中南,等(130)
衡管 180m <sup>2</sup> 烧结机烟气脱硫工程设计及运行效果分析	熊如意, 陈博明(135)
广州市区公交车站 PM <sub>2.5</sub> 与 CO 暴露水平研究	龙连芳, 王新明, 冯宝志,等(140)
绿化带下的生态复合塘污水处理工艺设计	尹建锋, 文科军, 吴丽萍(146)
微乳液和混合表面活性剂对甲苯的增溶作用	刘恋, 牛艳华, 田森林(150)
海水淡化浓盐水太阳能加热性能研究	李春秀, 唐娜, 沙作良,等(155)
PES/PAN 膜在 MBR 中膜污染机理及抗污染性能	邱恒, 汪永辉, 薛昱,等(159)
SO <sub>4</sub> <sup>2-</sup> 对 SRB 颗粒污泥性能的影响	许雅玲, 伍健东, 周兴求(164)
pH 和盐对活性炭纤维吸附 2,4- 二硝基酚的影响	唐登勇, 杨洋, 郑正,等(169)
废脲胺型螯合树脂再生工艺及吸附性能研究	陈宋璇, 赵景联, 申青峰,等(173)
高效液相色谱法测定腈纶废水中的特征污染物	常凤民, 蒋进元, 王俊钧,等(177)
城市交通十字路口处污染物分布数值模拟	陈义胜, 崔小超, 庞贇信(180)
粤东凤凰山区茶园茶叶重金属含量的调查和污染评价	李张伟(183)
基于资源环境承载力的规划结构优化方法探讨	时进钢, 王亚男, 祝晓燕,等(187)
“三江”并流区地质灾害危险性量化评价	骆银辉, 夏柏如, 李俊东,等(192)
最优组合预测模型在我国城市生活垃圾清运量中的应用	周素霞, 王明智, 夏训峰,等(197)
废润滑油再生决策支持系统的研究	张贤明, 李雪柏, 李川(201)

期刊基本参数: CN 42-1245/X\*1978\*m\*A4\*208\*zh\*P\*¥25\*5000\*43\*2010-09

本期责任编辑: 彭祺

## CONTENTS

Bioremediation of Petroleum Contaminated Soil by Composting.....	WANG Zhen-yu, XU Ying, GAO Dong-mei, et al(1)
Deducing Atmospheric Impact in Abnormal Region of Organochlorine Pesticides in Chengdu Economic Region.....	YANG Dan, QI Shi-hua, XING Xin-li, et al(6)
Effect of Waste Plastics Recycling Products on Seed Germination and Root Elongation of Lettuce.....	CHEN Hai-yan, HAI Re-ti (10)
Preparation and Dispersy of Nanoiron Particles Coated with Carboxymethyl Cellulose.....	LI Su-jun, WEI Jian-jun, YU Jiang, et al(15)
Investigation and Countermeasure on Suburban Lakeside Non-point Source Pollution in Daqinghe River.....	YUAN Xiao-yan, YU Zhi-min, SHI Wei-ming(19)
Effect of Periphytic Algae on Phosphorus Concentration in Lake Water.....	ZHANG Qiang, LIU Zheng-wen(31)
Numerical Analysis on Contribution of SO <sub>2</sub> Concentration from Different Sources to Expo Planning Area.....	ZHANG Dao-fang, YUAN Li-fen(35)
Synthesis of Jarosite by Bacteria Oxidation.....	SHI Qi-li, ZHU Yan-bin, YANG Qian-hua, et al(39)
Isolation and Identification of an Algicidal Fungal Strain.....	JIAO Yi-ying, ZHAO Yi-jun, XU Min, et al(44)
Biomimetic Methods of Crosslinked Chitosan-CdS Composite Particles and Photocatalytic Decolorization Dynamics of Methyl Orange by Visible Light.....	ZHU Hua-yue, JIANG Ru, CHANG Yu-hua(48)
Application of Wavelet Support Vector Machine in Prediction of Air Pollutants Concentration.....	CHEN Liu(53)
Discharge Changes and Ecosystem Influence in Critical Sections of the Yangtze River Mainstream.....	FENG Rui-ping, CHANG Jian-bo, ZHANG Xiao-min, et al(57)
Air Foamed Lightweight Soil with River Sludge and Its Engineering Properties.....	GU Huan-da, GU Xi(63)
Degeneration Course of Crystal Violet Photocatalytic Degraded by TiO <sub>2</sub> .....	DONG Qiu-hua, LIU Ming-yang, ZHAO Zhong-yi(67)
Packaging of Tritiated Silica Gel.....	ZHAO Yan-hong, WANG Dong-wen, QU Wei-bo(71)
Mechanism of Initial Adsorption of Organic Pollutants onto Anaerobic Granular Sludge.....	XU Hong-ying, LI Ya-xin, SU Bing-nan, et al(75)
Impact of Phosphorus Nutrients on Metabolism of <i>Microcystis aeruginosa</i> and Its Kinetic Study.....	FANG Qun, CUI Li-feng, PANG Xiao-chen(79)
Current Status and Prospects in Hydrogen Production with Microbial Electrolysis Cells.....	CHEN Xiao-fen, LIU Xian, LI Xiao-ming, et al(82)
SPARROW- Watershed Model and Research Progress.....	WU Zai-xing, WANG Xiao-yan(87)
Characterization and Distribution of Organochlorine Pesticides in Soils from Beijing Southeast Chemical Industrial Zone.....	WANG Guang, LV Yong-long, SHI Ya-juan, et al (91)
Deactivation and Regeneration of SCR Catalyst Based on V <sub>2</sub> O <sub>5</sub> -TiO <sub>2</sub> .....	WANG Jing, SHEN Bo-xiong, LIU Ting,et al(97)

Research Advances and Prospects in Arsenic Removal from Water.....	WANG Ying, LV Si-dan, LI Xin, et al (102)
A Proposal of Diverting Water from Yangtze River into Cihu Lake for Rehabilitation.....	WU Jing-jing, LI Deng-xin, ZHENG Zhi-xiong, et al(108)
A New Kinetic Model for Predicting the Rate of Ultraviolet Photocatalytic Oxidation of Toluene in the Gas-phase.....	TANG Feng , YANG Xu-dong( 113)
Greenhouse Gas Emission from Municipal Solid Waste Treatment in Beijing.....	PAN Ling-yang, YE Hong, HUANG Shao-peng, et al(116)
Analysis of Influence of Enclosure Aquaculture on Water Quality of Honghu Lake.....	BAN Xuan, YU Cheng, WEI Ke, et al(125)
Determination of Organic Acids from Integrated System of Soil and Plant.....	SUN Bao-li, CHI Jie, FAN Zhong-nan, et al(130)
Design and Operating Results Analysis of the 180m <sup>2</sup> Sintering Flue Gas Desulfurization System of HY Steel Tube Plant.....	XIONG Ru-yi CHEN Bo-ming(135)
Exposure Levels of PM <sub>2.5</sub> and CO at Bus Stations in Urban Guangzhou.....	LONG Lian-fang, WANG Xin-ming, FENG Bao-zhi, et al (140)
Process Design of Wastewater Treatment Complex Ecopond under Green Belt.....	YIN Jian-feng, WEN Ke-jun, WU Li-ping(146)
Solubilization Absorption of Toluene with Mixed Surfactants and Microemulsions.....	LIU Lian, NIU Yan-hua, TIAN Sen-lin(150)
Heating Performance of Seawater Desalination Brine by Solar Energy.....	LI Chun-xiu, TANG Na, SHA Zuo-liang, et al(155)
Membrane Fouling Mechanism and Anti-fouling Performance of PES/PAN Membrane in Membrane Bioreactor.....	QIU Heng, WANG Yong-hui, XUE Gang, et al(159)
Effect of SO <sub>4</sub> <sup>2-</sup> on Performance of SRB Granular Sludge.....	XU Ya-ling, WU Jian-dong, ZHOU Xing-qiu(164)
pH and Salt Effect on the Adsorption of 2, 4-Dinitrophenol onto Activated Carbon Fiber.....	TANG Deng-yong, YANG Yang, ZHENG Zheng, et al(169)
Regeneration Technology and Adsorption Capacity of Waste Chelating Resin with Amidoxime Group.....	CHEN Song-xuan, ZHAO Jing-lain, SHEN Qing-feng, et al(173)
Determination of Main Pollutants in Acrylic Wastewater by High Performance Liquid Chromatography.....	CHANG Feng-min, JIANG Jin-yuan, WANG Jun-jun, et al(177)
Numerical Simulation of Contaminant Distribution at Urban Traffic Cross.....	CHEN Yi-sheng, CUI Xiao-chao, PANG Yun-ji(180)
Investigation and Evaluation of Heavy Metals in Tea of Fenghuang Moutain Tea Gardens in East Guangdong Province.....	LI Zhang-wei(183)
Optimization of Planning Structure Based on Carrying Capacity of Resource and Environment.....	SHI Jin-gang, WANG Ya-nan, ZHU Xiao-yan, et al(187)
Quantitative Evaluation for Danger Level of Geologic Hazards in the Region of Three Parallel Rivers.....	LUO Yin-hui, XIA Bai-ru, LI Jun-dong, et al(192)
Application of Optimal Combination Forecast Model in Forecasting Delivering Quantity of MSW in China.....	ZHOU Su-xia, Wang Ming-zhi, XIA Xun-feng, et al(197)
Decision Support System for Regeneration of Waste Lubricating Oil.....	ZHANG Xian-ming, LI Xue-bai, LI Chuan(201)