

TABLE OF CONTENTS**目 录****水力空化技术在工业废水处理中的研究进展****Review on the Research of Hydraulic Cavitation Technology Applied to Industrial Wastewater Treatment**

李磊, 陈庆锋, 赵长盛, 郭贝贝 403

有机胺浸取法从湿法炼锌铁渣中回收锌**Retrieving Zinc from Iron-Zinc Slag by Organic Amine Leaching Method**

魏志翔, 郭小爱, 邹晓勇 416

水生态系统构建施工工艺对城市人工湖水质提升效果研究**Study on the Effect of Water Ecosystem Construction and Construction Technology on Improving the Water Quality of Urban Artificial Lakes**

杨代平 422

城市暴雨强度公式修订对城市排水系统影响研究**Study on the Impact of Urban Rainstorm Intensity Formula Revision on Urban Drainage System**

崔婷婷, 龙玉桥, 刘勇, 王磊之, 李伶杰 428

我国北方地区光伏发电项目环境影响浅析**Analysis on Environmental Impact of Photovoltaic Power Station Projects in North China**

张亚男, 贝新宇 434

海河流域地表水源地水体中 PPCPs 的分布状况及潜在风险**Occurrence of Pharmaceuticals and Personal Care Products, and Their Associated Environmental Risks in Drinking Water Source of the Haihe River Basin, China**

张盼伟, 李昆, 张悦, 阿布都沙拉木·托尔逊, 王晓鹏, 马立平, 赵晓辉 441

环保酵素在农业上的应用及研究进展**Application and Research Progress of Garbage Enzyme in Agriculture**

刘田, 林玉, 刘佩勇 457

煤化工含盐废水中超高浓度 COD 去除**Removal of Ultra-High Concentration COD in Salinity Wastewater from Coal Chemical Industry**

金政伟, 佟振伟, 杨帅, 马瑞, 于双恩, 杨磊, 任斌, 郭剑浩, 程子洪 465

国内外移动源实际工况排放测试研究现状**Current Research Status of Emission Testing of Mobile Sources at Home and Abroad**

刘明, 马毅, 伍晨波, 胡君, 徐划龙, 张志辉, 秦金龙, 陈磊 473

西南河流水库泥沙管理问题的思考**Thoughts on Sediment Management of Southwest River Reservoirs**

蒋佳宏, 傅开道, 周艳和, 薛瑞敏, 朱玘 481

酸性矿井水形成及处理研究**Study on Formation and Treatment of Acid Mine Water**

任佳佳 492

光助 - 过碳酸钠辅助体系降解萘**Photo-Assisted Degradation of Naphthalene by Sodium Percarbonate System**

裘哲欣, 饶桂维, 王莉, 王磊 497

反硝化聚磷菌的筛选及对河道水体氮磷去除作用的研究**Isolation and Identification of Denitrifying Phosphate-Accumulating Bacteria and Study on Removal of Nitrogen and Phosphorus in River Water**

乔楠, 段云霞, 李晓静 506

土壤中多环芳烃污染现状及修复技术研究进展**Current Status of Polycyclic Aromatic Hydrocarbons Pollution in Soil and Research Progress in Remediation Technology**

付文怡, 侯明, 张明 514

复合型碳源在污水处理厂脱氮提质增效方面的优化研究**Study on Optimization and Efficiency Improvement of Compound Carbon Source in Wastewater Treatment Plant Denitrification**

周继柱, 张术宝, 王国瑞, 冯春辉, 孙松厚, 石伟杰 519

中国生态环境损害司法鉴定中存在的问题及对策**Issues and Countermeasures in Judicial Expertise of Eco-Environment Damage in China**

刘敏, 张璐涛, 庄文, 高振会, 李奥, 贾元童, 高蒙, 耿超, 林佳宁, 高腾 528

升流式厌氧填充床反应器处理高硫酸盐废水的运行特性**Operational Characteristics of Upflow Anaerobic Packed Bed Reactor for Treatment of High Sulfate Wastewater**

朱逸玟, 任煜坤, 梁海, 张传义 538

浅谈异位热强化气相抽提土壤修复技术的应用**Elementary Introduction of the Application of Ex-Situ Thermally Enhanced Soil Vapor Extraction Soil Remediation Technology**

侯明, 付文怡 547

关于污水厂碳源药剂精准投加系统的实际应用**About the Actual Application of the Precision Casting System of Carbon Source Pharmaceuticals in Sewage Plants**

张志平, 王国瑞, 周继柱, 马凯, 李雁鸿 553

基于多种方法评价巢湖流域水体中 PAHs 的生态风险**Using Multiple Methods to Assess the Ecological Risk of Polycyclic Aromatic Hydrocarbons (PAHs) in the Waters from Chaohu Lake Watershed**

王继忠, 张浏, 谢发之, 朱曙光, 彭书传 565

基于库兹涅茨曲线的经济发展与环境污染研究**The Research Based on Kuznets Curve on the Relationship between Economic Development and Environmental Pollution**

王平, 林晓云, 周巧云, 阎虎勤 580

盐碱地可持续利用及改良技术研究进展**Research Progress on Sustainable Utilization and Improvement Technology of Saline Alkali Land**

王娜, 罗玉虎 589

某尾矿库地下水砷(As)向地表土壤迁移的调查研究**Investigation of Arsenic (As) Migration from Groundwater to Surface Soil in a Tailings Pond**

王春波, 成国坤 595

无机矿物对铀离子的吸附研究进展**Research Progress on the Adsorption of Uranium Ions by Inorganic Minerals**

陈磊, 刘朋, 邓苗 604

铜锈环棱螺对水体中叶绿素 a 的去除作用**Removal of Chlorophyll a from Water by *Bellamya aeruginosa***

任燕玲, 董军, 陈文雅, 孙静, 罗国宇, 李成耀, 陈可欣 609

电站锅炉尿素 SCR 系统不同加热方法对能耗及脱硝率的影响**Influence of Different Heating Methods on Energy Consumption and Denitration Rate of Urea SCR System in a Utility Boiler**

刘婧雯, 刘博昊, 苟湘 617

多源有机固体废弃物资源化路径研究**Study on the Resource Utilization Path of Multi-Source Organic Solid Waste**

彭涛声 627

磺胺类抗生素对土壤脱氢酶的影响**Effects of Sulfonamides on the Enzyme Activities of the Soil**

张彬, 杨正鑫, 顾婵娟 635

人工湿地对微污染物去除效果的研究进展**Research Progress on Removal Efficiency of Micropollutants by Constructed Wetlands**

刀昶智, 吴宣, 蒋鎔鞠, 李佳慧, 赵斌 640

习近平生态文明思想的天津实践**The Practice of Xi Jinping's Thought of Ecological Civilization in Tianjin**

罗琼 646

浅谈城市化对暴雨径流的影响

The Influence of Urbanization on Storm Runoff

孙小梅, 王健.....654

县域农村生活污水治理专项规划分析与思考

Thought of Rural Sewage Treatment Planning

刘云, 高云天, 邵薇, 李青青.....660