



中国百强科技期刊

全国中文核心期刊



中国期刊方阵双效期刊

ISSN1000-4602

CN12-1073/TU

中国给水排水

®

著名商标



微信号: cnww1985

(ZHONGGUO JISHUI PAISHUI)

CHINA WATER & WASTEWATER

第33卷 第5期

2017年3月

智慧水务解决方案提供商

WPG

威派格智慧水务

威派格

以工业互联 理念 促进智慧水务发展



上海威派格智慧水务股份有限公司

网址: www.wapwag.net
服务热线: 4001191166



ISSN 1000-4602



05>

9 771000 460170

万方数据

住房和城乡建设部主管

主办 中国市政工程华北设计研究总院有限公司
国家城市给水排水工程技术研究中心





论述与研究

- 曝气方式对复合型CAST工艺处理低碳源污水的影响 王科,郭泽林,吕龙义,等(1)
南方某市供水管网锰致“黄水”问题的成因与控制 徐洪福,李贵伟,金俊伟,等(5)
超滤/纳滤组合工艺的运行与优化研究 朱学武,成小翔,谢柏明,等(10)
混合态厨余发酵液作为外碳源强化脱氮的特性 李亚坤,王晓昌,唐嘉陵(16)
实际城市污水培养好氧颗粒污泥的中试研究 高永青,张帅,张树军,等(22)
好氧颗粒污泥处理化工废水的应用研究 龙培,程媛媛,赵珏,等(26)
固定化硝化菌强化处理精细化工废水的中试研究 张景志,赵雪莲,张文娟,等(33)
污泥深度脱水液输送管道沉积物形成因素分析 魏海娟,李震,杨戌雷,等(37)

技术总结

- 典型欠压城市供水系统升压供水水量估测及分析 石韬,姚芳,高金良,等(42)
太湖水源水中溶解性有机物特性分析 周业凯,陈卫,陶辉,等(46)
铁锰复合活性滤料去除冬季地表水中氨氮的效能 张蓓蓓,黄廷林,李涌,等(50)
滨河城市广场表面流人工湿地的水质净化效能 李杨克,郑夕春,费一鸣,等(55)
MBR污水厂清洗方式优化及效果分析 沈晓铃(61)
垃圾渗滤液反渗透浓水深度处理中试研究 赵爽,汪晓军,袁延磊,等(65)
污水处理厂低浓度进水的快速监测评估 余黎,陈小龙,刘皓波,等(68)
纺织印染废水深度处理中试设计与运行 王蓓蓓,汪晓军,萧志豪,等(72)
不同废水培养小球藻提取生物柴油的营养优化研究 樊婷婷,李娜,郭天鹏,等(76)
膜吸收法分离回收废水中氨氮的研究 李建峰,于水利,姚加兴(80)
低电流电絮凝法去除废水中重金属离子的研究 周好磊,李少林,魏宏斌,等(85)
类石墨相C₃N₄可见光催化还原Cr(VI)废水的研究 李瑞桢,徐秋鹏,汪虹西,等(89)
分层水库异重流挟沙特性及适宜排沙口的确定 解岳,陈恩源,孙昕(94)
智慧城市排水管网云服务系统设计与实现 赵印,姜涛,陈兵(99)
广东某水库底泥重金属含量特征及风险评价 周棉(104)
污泥干化和焚烧厂的仿真模拟 周夏海,朱先富(108)
污泥发酵液中氨氮和磷的去除方法研究 韩博涛,李晓玲,李彦鹏,等(112)
SRT对剩余污泥厌氧发酵产酸的影响研究 章涛,黄天寅,刘锋,等(116)
碱改性煤渣预调理强化污泥脱水性能的中试研究 马维超,马军,赵雷,等(120)

城市雨水管理

- 雨水系统旋流沉砂池的设计及性能研究 崔宇,王文海,林翔,等(124)
海绵城市年径流总量控制率计算方法及应用探讨 刘绪为,李成江,徐洁,等(130)
改良型下凹绿地对小区雨水径流的调蓄净化效能 肇士刚,王祥勇,康威,等(134)



THESES AND RESEARCHES

Effect of Four Aeration Modes on Pollutants Removal in a Composite CAST Treating Low Carbon Source Sewage	WANG Ke, et al.(1)
Mechanism and Control of Yellow Water Event in Drinking Water Distribution System in a Southern City of China	XU Hong-fu, et al.(5)
Operation and Optimization of Ultrafiltration/Nanofiltration Hybrid Membrane Process	ZHU Xue-wu, et al.(10)
Characteristics of Enhanced Nitrogen Removal with Mixed Fermentation Liquid of Food Waste as External Carbon Sources	LI Ya-kun, et al.(16)
Formation of Aerobic Granular in Pilot-scale SBR for Real Wastewater Treatment	GAO Yong-qing, et al.(22)
Treatment of Chemical Wastewater by Aerobic Granular Sludge	LONG Bei, et al.(26)
Treatment of Fine Chemistry Wastewater Using Gel-embedded Nitrobacteria	ZHANG Jing-zhi, et al.(33)
Analysis on Sediment of Pipeline Pumping Dewatered Liquid of Deeply Dewatering Process of Sewage Sludge	WEI Hai-juan, et al.(37)

TECHNOLOGY SUMMARY

Water Supply Capacity Estimation and Analysis under Elevated Pressure in Typical Pressure-deficient Urban Water Distribution System	SHI Tao, et al.(42)
Characteristics of Dissolved Organic Matter in Source Water of Taihu Lake	ZHOU Ye-kai, et al.(46)
Removal of Ammonia Nitrogen from Surface Water by Iron and Manganese Co-oxides Coated Sand in Cold Winter	ZHANG Bei-bei, et al.(50)
Water Treatment Efficiency of a Surface Flow Constructed Wetland in a Riverside Urban Square	LI Yang-ke, et al.(55)
Optimization and Effect Analysis of Cleaning Method of MBR in WWTP	SHEN Xiao-ling(61)
Advance Treatment for Reverse Osmosis Brine from Landfill Leachate Treatment	ZHAO Shuang, et al.(65)
Rapid Monitoring and Evaluation of Low Concentration Influent in Sewage Treatment Plant	YU Li, et al.(68)
Design and Operation of Pilot-scale Advanced Treatment of Textile Printing and Dyeing Wastewater	WANG Bei-bei, et al.(72)
Nutrition Optimization Research on Cultivating <i>Chlorella vulgaris</i> as Biodiesel Feedstock by Different Types of Wastewater	FAN Ting-ting, et al.(76)
Removal and Recovery of Ammonia from Wastewater by Membrane Absorption Process	LI Jian-feng, et al.(80)
Removal of Heavy Metal Ions from Wastewater by Low Current Electrocoagulation Technology	ZHOU Hao-lei, et al.(85)
Visible-light Photocatalytic Reduction of Cr(VI) Wastewater Using Graphite-like Carbon Nitride	LI Rui-zhen, et al.(89)
Characteristics of Transporting Sediment by Density Currents and Determination of Proper Location of Sediment Releasing Outlet in Stratified Reservoir	XIE Yue, et al.(94)
Design and Implementation of Cloud Management System for Smart City Drainage System	ZHAO Yin, et al.(99)
Concentration Characterization and Risk Assessment of Heavy Metals in Sediment of a Reservoir in Guangdong	ZHOU Mian(104)
Simulation of Sewage Sludge Drying and Incineration Plant	ZHOU Xia-hai, et al.(108)
Methods of Ammonia and Phosphorus Removal from Sludge Fermentation Liquid	HAN Bo-tao, et al.(112)
Effects of SRT on Acid Production during Anaerobic Digestion of Sewage Sludge	ZHANG Tao, et al.(116)
Pilot-scale Study on Enhanced Sludge Dewaterability by Preconditioning with Modified Cinder	MA Wei-chao, et al.(120)

URBAN RAINWATER MANAGEMENT

Design and Performance of Vortex Grit Chambers for Stormwater System	CUI Yu, et al.(124)
Calculation and Discussion on Volume Capture Ratios of Annual Rainfalls in Sponge City	LIU Xu-wei, et al.(130)
Storage and Purification of Rainfall Runoff by Modified Concave-down Green Space in Green Building Community	YI Shi-gang, et al.(134)

专注输水安全 承载品质生活

长距离输水



污水输送



顶管



海水淡化



消防管道



世界最大的
离心球墨铸铁管
及配套产品供应商

0310-4084037

www.xinxing-pipes.com