

ISSN1000-4602
CN12-1073/TU

中国给水排水

著名商标®

(ZHONGGUO JISHUI PAISHUI)

CHINA WATER & WASTEWATER



全国中文核心期刊 中国科技论文统计源期刊

第29卷 第11期
2013年6月

引领净化科技

开启绿色未来



山西华青活性炭集团有限公司

全国活性炭行业“高新技术企业”

地址：山西省大同市大同县党留庄乡党留庄村
电话：0352-8165679 传真：0352-8165597
欢迎访问官方网址：<http://www.huaqingcarbon.com>

ISSN 1000-4602



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
国家城市给水排水工程技术研究中心



论述与研究

- 新型短程硝化反硝化工艺处理高浓度氨氮废水 宫曼丽,刘洋,赵欣,等(1)
SBR 亚硝化处理城市生活污水二级出水及其稳定性 吴迪,李冬,刘丽倩,等(6)
生物絮凝剂产生菌的鉴定及对 EE2 的去除效能 邢洁,杨基先,庞长泷,等(11)
两级管网式反渗透工艺处理垃圾填埋场渗滤液 邱端阳,张辉,柴晓利(15)
CSTR 反应器厌氧消化餐厨垃圾启动过程的监控 梅冰,彭绪亚,王璐,等(18)
重庆城北污水厂抗工业废水冲击的联动调控效果 肖海文,程宗旺,翟俊,等(22)
基于短程反馈 BP 神经网络的混凝投药控制中试 蒋绍阶,仇洪建,段果,等(26)
兼氧接触氧化工艺预处理高 SS 值纺织印染废水 崔家琪,林旭龙,汪晓军(30)
丹江口水源对北方某市管网铁释放影响的研究 石宝友,鲁智礼,徐硕,等(33)
投量比对氯胺/ClO₂联合消毒灭活氨氧化菌的影响 张敏,杨艳玲,李星,等(40)

技术总结

- 紫外线消毒技术在天津泰达净水厂中的应用 孙淑琴,常华(44)
新型陶瓷膜过滤去除水中藻类的研究 吴启龙,盛德洋,张锡辉,等(47)
基于 EPANET 的供水管网三卤甲烷模型 张凤娥,陈春芳,张敏,等(51)
大口径流量仪表的应用和管理 周志斌,黎勇振(54)
上海某高架道路降雨径流的生态处理工程示范 李树逊(57)
关于气提升理论及公式的探讨(Ⅱ) 熊艳,魏宏斌,陈良才,等(61)
缺氧/好氧工艺同步去除碳、氮、硫的研究 李平,蓝永辉,吴锦华,等(64)
再生水余氯风险预测模型研究 周广宇,赵新华,田一梅,等(68)
东莞运河河道淤泥处理试验研究 邓伟斌,罗峰(73)
亚硝化反硝化聚磷菌的筛选及生化特性分析 张立成,李艳美,袁雅姝,等(77)
加压生物氧化深度处理垃圾渗滤液生化尾水的中试 周林,曹姝文,肖晶,等(81)
O₃/生物砂滤/GAC 深度处理二级出水的研究 李思敏,赵娜(84)
生物滴滤床去除含硫化氢气体的产物形态研究 伍永钢,魏翔,丁丽丽,等(88)
PAC 对高盐难降解工业废水生物处理的强化作用 李朦,王栋,王灿,等(92)
DO 和 C/N 值对一体化 OCO 工艺脱氮除磷的影响 李德豪,刘勇弟,毛玉凤,等(96)
不同水力负荷下的 ANAMMOX 试验研究 李冬,邱文新,吴迪,等(101)
翻抛对城市污泥好氧发酵过程中堆体温度的影响 洪念,陈俊,高定,等(106)
净水污泥中回收的混凝剂处理印染废水的中试研究 魏美洁,丁曙东,王东田,等(110)

CHINA WATER & WASTEWATER

CONTENTS

Vol.29 No.11 Serial No.343 Jun.2013

THESES AND RESEARCHES

New Process of Nitrification and Denitrification via Nitrite for Treatment of High-ammonia Wastewater	GONG Man-li, et al.(1)
Shortcut Nitrification and Stability in SBR for Treatment of Secondary Effluent of Municipal Domestic Sewage	WU Di, et al.(6)
Identification of a Bioflocculant-producing Strain and Its Removal Efficiency of 17 α -ethinylestradiol	XING Jie, et al.(11)
Two-Stage STRO Technology for Landfill Leachate Treatment	QIU Duan-yang, et al.(15)
Start-up Monitoring of CSTR for Anaerobic Digestion of Food Waste	MEI Bing, et al.(18)
Control of Industrial Wastewater Shock Loading at Chengbei Wastewater Treatment Plant	XIAO Hai-wen, et al.(22)
Coagulant Dosage Control Based on Short-range Feedback BP Neural Network	JIANG Shao-jie, et al.(26)
Pretreatment of Textile Printing and Dyeing Wastewater with High Suspended Solids by Facultative Contact Oxidation Process	CUI Jia-qi, et al.(30)
Effect of Danjiangkou Reservoir Water Source on Iron Release in Water Distribution System of a Northern Chinese City	SHI Bao-you, et al.(33)
Impact of Dosage Ratio of Chloramine/Chlorine Dioxide on Ammonia-oxidizing Bacteria Inactivation	ZHANG Min, et al.(40)

TECHNOLOGY SUMMARY

Application of Ultraviolet Disinfection Technology in TEDA Water Treatment Plant	SUN Shu-qin, et al.(44)
Ceramic Membrane Filtration for Removal of Algae from Water	WU Qi-long, et al.(47)
Modeling THM in Water Distribution Network Based on EPANET	ZHANG Feng-e, et al.(51)
Application and Management of Large Diameter Flow Meters	ZHOU Zhi-bin, et al.(54)
Demonstration of Ecological Treatment Project of Elevated Highway Runoff in Shanghai	LI Shu-xun(57)
Discussion on Airlift Design Theory and Formula (II)	XIONG Yan, et al.(61)
Simultaneous Removal of Carbon, Nitrogen and Sulfur with Anoxic/Oxic Process	LI Ping, et al.(64)
Risk Prediction Model for Residual Chlorine in Reclaimed Water	ZHOU Guang-yu, et al.(68)
Study on Treatment of Sludge from Dongguan Canal	DENG Wei-bin, et al.(73)
Screening and Biochemical Characteristics of Nitrosation Denitrifying Polyphosphate-accumulating Organisms	ZHANG Li-cheng, et al.(77)
Pressurized Bio-oxidation Process for Advanced Treatment of Landfill Leachate	ZHOU Lin, et al.(81)
Advanced Treatment of Secondary Effluent by O ₂ /Biological Sand Filter/GAC	LI Si-min, et al.(84)
Product Form of Gas Containing Hydrogen Sulfide Treated by Biotrickling Bed	WU Yong-gang, et al.(88)
Treatment of High-salinity Refractory Industrial Wastewater by PAC-A/O Process	LI Meng, et al.(92)
Influence of DO and C/N Ratio on Nitrogen and Phosphorus Removal by Integrated OCO Process with Center-island Settling Tank	LI De-hao, et al.(96)
Effect of Hydraulic Loading on ANAMMOX Biofilter	LI Dong, et al.(101)
Effect of Turning on Compost Pile Temperature during Aerobic Fermentation of Sewage Sludge	HONG Nian, et al.(106)
Application of Coagulant Recovered from Water Treatment Sludge for Treatment of Printing and Dyeing Wastewater	WEI Mei-jie, et al.(110)