

中国给水排水

®

著名商标

(ZHONGGUO JISHUI PAISHUI)

CHINA WATER & WASTEWATER

第29卷 第13期

2013年7月



全国中文核心期刊 中国科技论文统计源期刊

用心于水 绿色未来

WATER IDEA

每一天，
城市中有多少个龙头在用水？
龙头的出水是否能满足我们的健康需求？
它们要耗费多少能源？
未来会怎样？

WPG 威派格——“十二五”水专项新型生活供水课题承担者

ISSN 1000-4602



9 771000 460132

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

- 臭氧/生物活性炭工艺的运行优化研究与工程示范 常颖,贺涛,漆文光,等(1)
- 半程混凝/氧化/陶瓷膜工艺中膜污染的原位控制 范小江,雷颖,盛德洋,等(6)
- 动态管道风险预警地图的研究与实践 吴迪,吴家兵(11)
- 市政污泥在超临界甲醇条件下酯化制油研究 刘京,张泉雄,陈冠益(14)
- SBR反应器中反硝化除磷菌的快速富集 夏灵敏,王弘宇,田俊,等(19)
- 丝状菌颗粒污泥形成过程及其对膨胀控制的启示 李志华,刘超,赵静,等(23)
- 颗粒污泥 A/O 系统同步脱氮除磷的研究 刘小英,罗玉龙,田中凯,等(28)
- 浸没式膜电化学生物反应器处理印染废水的研究 孙和喜,李小进,杨峰,等(32)
- 后置沉淀化学除磷工艺的优化控制研究 庞洪涛,邱勇,薛晓飞,等(38)
- 两级 A/O 填料型 MBR 工艺的脱氮除磷效果 张洪雷,方舟,艾力江·努尔拉,等(42)

技术总结

- 生活饮用水和瓶装饮用水的细菌内毒素活性调查 张灿,刘文君,张明露,等(47)
- 超滤组合工艺启动阶段处理含嗅微污染水的效能 刘玲,李星,杨艳玲,等(53)
- ZnOOH 催化臭氧氧化去除水中痕量卡马西平 周宁娟,段友丽(57)
- 大口径排水管道优化设计研究 黎晓林,刘建华(60)
- AMF 对早熟禾建植及氮、磷截留能力的强化作用 马放,刘贵祥,王立,等(64)
- 海水循环冷却系统腐蚀结垢在线监测技术 王维珍,侯纯扬,武杰(69)
- 城市污泥热干化产品林地施肥试验 程志鹏,夏恩思,段方伦,等(72)
- 污泥离心脱水系统改造为离心浓缩系统的实践 龚卫红,费逸华,钱健航(75)
- 钢厂污泥处理系统中离心脱水机的调试研究 冯海军,刘晓亮,徐森(79)
- 苯酚对连续流亚硝化反应器运行效能的影响 李晓波,熊奕,康媃,等(83)
- 活性炭微孔对 RO 浓水中小分子有机物的吸附 王丽丽,顾平,赵春霞,等(87)
- 臭氧电磁高级催化氧化去除难降解有机物的研究 李金河,林蔓,缪丽娟,等(91)
- 气浮在两级过滤工艺处理油田回注水中的应用 王彬蔚,樊新斌,权旭东,等(94)
- 低碳源污水厂中 ECOSUNIDE 工艺的碳源利用分析 李若谷,张雁秋,孙艳,等(97)
- UNITANK 与 A²O 工艺处理低碳源污水的对比研究 罗锋,徐永涛,陶涛(101)
- 磷酸盐生物还原系统构建过程中磷形态的转化研究 刘轶,周健,李晓品,等(105)

企业动态:(86)

CHINA WATER & WASTEWATER

CONTENTS

Vol.29 No.13 Serial No.345 Jul.2013

THESES AND RESEARCHES

- Demonstration on Optimal Operation of O₃/BAC Process CHANG Ying, *et al.*(1)
- In-situ Control of Membrane Fouling in Combined Process of Half Coagulation, Oxidation and
Ceramic Membrane Ultrafiltration FAN Xiao-jiang, *et al.*(6)
- Research and Practice on Dynamic Pipeline Risk Warning Map WU Di, *et al.*(11)
- Bio-oil Production from Municipal Sludge under Supercritical Methanol Condition LIU Jing, *et al.*(14)
- Cultivation of Denitrifying Polyphosphate-accumulating Organisms in Sequencing Batch Reactor XIA Ling-min, *et al.*(19)
- Formation of Filamentous Granular Sludge and Bulking Control LI Zhi-hua, *et al.*(23)
- Aerobic Granular Sludge for Simultaneous Nitrogen and Phosphorus Removal in SBR Reactor LIU Xiao-ying, *et al.*(28)
- Treatment of Printing and Dyeing Wastewater by Submerged Membrane Electro-bioreactor SUN He-xi, *et al.*(32)
- Optimal Control of Post-precipitation Chemical Phosphorus Removal Process PANG Hong-tao, *et al.*(38)
- Two-stage A/O Membrane Bioreactor Packed with Carriers for Nitrogen and Phosphorus Removal
from Municipal Wastewater with Low C/N Ratio ZHANG Hong-lei, *et al.*(42)

TECHNOLOGY SUMMARY

- Investigation on Bacterial Endotoxin Activities in Municipal Drinking Water and Bottled Drinking
Water ZHANG Can, *et al.*(47)
- Performance of Ultrafiltration Combined Processes in Start-up Phase for Treatment of Micro-polluted
Water Containing Taste and Odor LIU Ling, *et al.*(53)
- Removal of Trace Carbamazepine in Water by Catalytic Ozonation with Supported ZnOOH ZHOU Ning-juan, *et al.*(57)
- Optimization Design of Large-diameter Drainage Pipeline LI Xiao-lin, *et al.*(60)
- Effect of AMF on Improvement of *Poa pratensis* L. Growth and Its N-P Interception Ability MA Fang, *et al.*(64)
- On-line Monitoring Technology of Corrosion and Fouling in Seawater Circulating Cooling System
..... WANG Wei-zhen, *et al.*(69)
- Fertilization of Thermal Dried Sewage Sludge in Forest Soils CHENG Zhi-peng, *et al.*(72)
- Reconstruction from Sludge Centrifugal Dewatering System to Centrifugal Thickening System GONG Wei-hong, *et al.*(75)
- Commissioning of Centrifugal Dewaterer for Steel Mill Sludge Treatment System FENG Hai-jun, *et al.*(79)
- Effect of Phenol on Operation Performance of Continuous Flow Short-cut Nitrification Reactor LI Xiao-bo, *et al.*(83)
- Adsorption of Low Molecular Weight Organics in Reverse Osmosis Concentrate by Activated Carbon
..... WANG Li-li, *et al.*(87)
- Treatment of Biorefractory Organic Compounds by Ozone EM Advanced Catalytic Oxidation Technology
..... LI Jin-he, *et al.*(91)
- Application of Air Flotation to Treatment of Oily Wastewater by Two-stage Filtration Process WANG Bin-wei, *et al.*(94)
- Use of Carbon Source in ECOSUNIDE Process in Low-carbon Municipal Sewage Treatment Plant
..... LI Ruo-gu, *et al.*(97)
- Comparison between UNITANK Process and A²/O Process for Treatment of Municipal Sewage
with Low Carbon Source LUO Feng, *et al.*(101)
- Transformation of Phosphorus Forms during Construction of Phosphate Reduction System LIU Yi, *et al.*(105)