



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35卷第19期

2019年10月



QK1943818
威派格智慧水务 | 603950

改变源于责任, 让每一个家庭的生活因水更美好
适应老旧小区丰富供水方案



针对性专业性调研与管网建模
深度分析系统优化与融合
适应老旧小区的丰富产品线
标准化供水泵房规范建设
提升管理效率与人员管理
智慧水务建设无缝衔接



上海威派格智慧水务股份有限公司
经销商招募邮箱: wpgqd@shwpg.com
经销商招募及服务专线: 4001191166
网址: www.shwpg.com

ISSN 1000-4602

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



9 771000 460194

万方数据



论述与研究

- 城市污水生物脱氮系统中 DNRA 的检测与分析 刘 芹,彭党聪(1)
- 磁铁矿对厌氧消化产甲烷的影响 谢文浩,吴晓辉,明银安(7)
- 丁酸驯化及氢胁迫对厌氧污泥菌群及生物强化的影响 邵享文,黄心昊,陈 尧,等(12)
- 温度冲击对低强度超声波促进短程硝化的影响 田 帅,朱易春,黄书昌,等(20)
- AOM 和 NOM 生成消毒副产物及对管网生物膜的影响 蔡晓霜,刘伯约,周 滨,等(26)
- 石灰软化/超滤组合工艺处理高硬度纳滤浓水 乔沐阳,李 星,于海宽,等(33)

技术总结

- 漏损管网中瞬态压力变化规律的研究 赵彬伶,许仕荣,俞亭超,等(40)
- 供水管网流量数据统计分析用于漏损定位研究 杜建军,胡诗苑,高金良,等(46)
- 实测方法评估压力管理对漏失水量降低程度的适用性 郑成志,赵 焱,孙国胜,等(50)
- 藻红外技术测试多种卫生指标下的饮用水生物毒性 林 艳,罗菲尔,郭蔚华,等(57)
- 溴离子对三卤甲烷生成量的影响因素研究 孟 欣,魏 彬,李学艳,等(66)
- 唐山市古冶区地下水数学模型研究及应用 李大鸣,孙仲谋,张弘强,等(72)
- 三乙胺修饰聚苯乙烯微球选择性去除水中的硝酸盐 黄 驰,闫 楠,郭家旺,等(77)
- 紫外、磁化和超声对超滤膜表面微生物污染的影响 张晓岚,王卫军,潘俊杰,等(82)
- 快速磁絮凝工艺的后絮凝现象分析及控制技术研究 刘文彬,肖志伟,白茹真,等(87)
- 氧化亚铁硫杆菌对聚丙烯酰胺脱水重溶污泥的调理 陈文邦,郭丽娜,王雪竹,等(93)
- 缺氧接触氧化/生物转盘组合工艺处理农村生活污水 王 刚,刘春梅,赵雪莲,等(99)
- 新型装配式填料人工湿地系统净化生活污水的效能 王守中,张 统,张 琪,等(105)
- 电化学沉淀与阴极氧化协同处理氨氮废水 丁文川,郑良秋,曾晓岚,等(111)
- 序批式生物膜反应器预处理餐饮废水的性能 蒋轶锋,王和阳,程凌峰(116)

城市雨水管理

- 北京雨水管控体系下年径流总量控制率实现效果分析 于 磊,潘兴瑶,马盼盼,等(121)
- 基于多目标粒子群算法的 LID 设施优化布局研究 陈前虎,邹澄昊,黄初冬,等(126)
- 住宅小区径流削峰 LID 与调蓄池组合设置标准分析 陈雪娇,姜应和,徐天会(133)



THESES AND RESEARCHES

- Detection and Genetic Analysis of Dissimilatory Nitrate Reduction to Ammonium in Biological Nitrogen Removal System for Municipal Sewage LIU Qin, *et al.* (1)
- Effect of Magnetite on Methane Production of Anaerobic Digestion XIE Wen-hao, *et al.* (7)
- Effects of Butyric Acid Tolerant Acclimation and Hydrogen Stress on Microbial Community Structure and Biological Enhancement of Anaerobic Sludge SHAO Xiang-wen, *et al.* (12)
- Effect of Temperature Shock on Partial Nitrification Enhanced by Low Intensity Ultrasound TIAN Shuai, *et al.* (20)
- Formation of Disinfection By-products and Effect on Biofilm in Pipe Network: Comparison between Algal Organic Matter (AOM) and Natural Organic Matter (NOM) CAI Xiao-shuang, *et al.* (26)
- Treatment of Nanofiltration Concentrate by Combined Process of Lime Softening/Ultrafiltration QIAO Mu-yang, *et al.* (33)

TECHNOLOGY SUMMARY

- Variation of Transient Pressure in Leaking Water Pipe Network ZHAO Bin-ling, *et al.* (40)
- Leakage Location through Flow Data of Water Supply Network DU Jian-jun, *et al.* (46)
- Applicability of Measurement Method in Assessing Extent of Real Losses Reduction through Pressure Management ZHENG Cheng-zhi, *et al.* (50)
- Detection of Biototoxicity for Drinking Water under Multiple Indexes by Algae Infrared Technology LIN Yan, *et al.* (57)
- Factors Affecting the Formation of Trihalomethanes by Bromide Ions MENG Xin, *et al.* (66)
- Application of Groundwater Mathematical Model for Guye District, Tangshan City LI Da-ming, *et al.* (72)
- Selective Removal of Nitrate from Water by Triethylamine Functionalized Polystyrene Microspheres HUANG Chi, *et al.* (77)
- Effects of UV, Magnetization and Ultrasonic on Microbial Contamination on Ultrafiltration Membrane Surface ZHANG Xiao-lan, *et al.* (82)
- Investigation and Control Technology of Subsequent Flocculation from Rapid Magnetic Flocculation Process LIU Wen-bin, *et al.* (87)
- Conditioning of Cationic Polyacrylamide Dehydrated Re-dissolved Sludge by *Acidithiobacillus ferrooxidans* CHEN Wen-bang, *et al.* (93)
- Treatment of Rural Domestic Sewage by Combined Process of Anoxic Contact Oxidation/ Rotating Biological Disc WANG Gang, *et al.* (99)
- Purification of Domestic Sewage by a New Type Constructed Wetland System with Assembled Packing WANG Shou-zhong, *et al.* (105)
- Synergetic Removal of Ammonia Nitrogen in Wastewater by Electrochemical Precipitation and Cathodic Oxidation DING Wen-chuan, *et al.* (111)
- Performance of Sequencing Batch Biofilm Reactor for Pretreatment of Restaurant Wastewater JIANG Yi-feng, *et al.* (116)

URBAN RAINWATER MANAGEMENT

- Analysis on the Realization Effect of Volume Capture Ratio of Annual Rainfall under the Existing Rainwater Management and Control System in Beijing City YU Lei, *et al.* (121)
- Optimization of LID Facilities Layout Based on Multi-objective Particle Swarm Optimization Algorithm CHEN Qian-hu, *et al.* (126)
- Analysis of Combination Setting Standard of LID Measures and Storage Tank to Control Runoff Peak in Residential Districts CHEN Xue-jiao, *et al.* (133)



圣禹排水

改善水环境

4.0清污分流

彻底解决水污染



3.0雨污分流

不能解决混接及面源污染



2.0截流式合流

不能解决雨天溢流污染



1.0直排式合流

严重污染水体



水环境治理4.0 助力根除黑臭改善水环境

武汉圣禹排水系统有限公司

地址：湖北省武汉经济技术开发区全力
北路189号

电话/传真：027-50765220

邮箱：shengyups@163.com

网址：<http://www.shengyupaishui.com>

