



中国百强科技期刊

全国中文核心期刊



中国期刊



QK2243095

ISSN 1000-4602

CN 12-1073/TU

中国给水排水

®

著名商标



微信号: cnww1985

(ZHONGGUO JISHUI PAISHUI)

CHINA WATER & WASTEWATER

第38卷第20期

2022年10月

广告



金科环境股份有限公司（科创板股票代码：688466）
是专业从事水深度处理及污水资源化的国家高新技术企业。公司围绕水处理膜应用，为客户提供投资、建设、运营、服务四个解决方案。

Model3 NF膜水厂
30万吨级
纳滤饮用水深度处理项目

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 460224

万方数据





述评与讨论

- 排水管道甲烷产生影响因素及其估算方法..... 郝晓地,孙群,李季,袁土贵(1)
- 多级AO工艺在某高排放标准污水厂的优化探讨..... 周合喜,张金松,张庆珮(8)
- 市政污水紫外线消毒运行效果的影响因素分析..... 郑毅豪,李梦凯,张军,林海龙,史彦伟,李文涛,强志民(14)
- 通沟污泥处理工艺及其资源化利用研究..... 王继行,卢伟,朱敏,徐晓军,魏艳平,康瑞鹏(20)
- 再谈“泵与泵站”课程教学体系的设计..... 刘宏远,方程冉,颌亚玮,韩莹,张奔(27)
- 国土空间规划背景下深圳市内涝防治规划传导体系研究..... 魏杰,任大伟,杨伟明,刘江涛,任翔宇(31)
- 流域水环境综合整治中“泥”的治理策略研究..... 唐颖栋,包晗,曾学云,邱辉,邹旭彤,楼少华(36)
- 练江流域水污染治理工程设计咨询实践与思考..... 周蓉,王绍贵,闫新秀,张洁(41)

设计经验

- 多段多级AO工艺用于全地下式陡沟河污水处理厂二厂..... 周建忠,胡晓,王麒麟,湛浩然,蔡章滔(48)
- 卫生防护距离受限下污水厂的扩建提标工程设计..... 黄俊杰,程顺健(55)
- A²O+MBR+臭氧催化氧化用于化工园区污水厂升级改造..... 张方方,刘骁智,张波(61)
- 成都市“环城生态区”再生水用于农业灌溉符合性研究..... 朱钢,郑轶丽,王黎,刘鑫,谢鲁,魏婷(65)
- 成都地区小流域综合治理方案探索与实践..... 郑轶丽,吴洋,谢鲁,彭竹葳(73)
- 砂砾质海岸带小管径重力流取水工程设计..... 胡纯国,王可为(80)

工程实例

- 曝气生物滤池多模式运行用于城镇污水厂深度处理..... 齐亚玲,狄剑英,林甲,连宝良,李其宸,苗雪娜(85)
- 污水厂地表水准Ⅲ类标准提标改造方案和工程设计..... 莫文婷,杨涛,郭军(90)
- 茅洲河流域水质净化厂污水系统提质增效实践..... 方刚,唐颖栋,楼少华,邵宇航,甄万顺,吕权伟(96)
- 基于模型的复杂排水系统控制逻辑模拟仿真..... 陈俊,戴俊龙,古燕霞,刘雨桐,谢丽霞,王境怡(102)
- 生物接触氧化法去除微污染水中氨氮的中试研究..... 罗锋,盛德洋,张忠祥,陶涛(109)
- 厌氧+SBR+A/O+MBR工艺处理养殖废水..... 刘光石,任美泽,李登(116)
- 预处理+催化内电解+陶瓷膜A/O-MBR处理焦化废水..... 池年平,汪爱河(120)
- 化工园区污水处理一级A提标改造工艺及运行分析..... 贾莉,傅妍芳,龚淑芬(124)

分析与监测

- 低浊水中颗粒扰动对浊度测量的影响..... 张杨,李礼,佟恽维,翟元鑫,王筱,宋博,郭永超(131)



REVIEWS AND DISCUSSIONS

- Affecting Factors and Estimating Methods of Methane Produced in Sewers HAO Xiao-di, *et al.* (1)
- Discussion on Optimization of Multi-stage AO Process in a Wastewater Treatment Plant under High Discharge Standards ZHOU He-xi, *et al.* (8)
- Analysis of Impact Factors on the Operation Effect of UV Disinfection in Municipal Wastewater Treatment ZHENG Yi-hao, *et al.* (14)
- Research on Sewer Sludge Treatment Process and Its Resource Utilization WANG Ji-hang, *et al.* (20)
- Re-discussion of the Teaching System of "Pump and Pumping Station" Course LIU Hong-yuan, *et al.* (27)
- Research on the Transmission System of Urban Flooding Prevention and Control Planning in Shenzhen under the Background of Territory Spatial Planning WEI Jie, *et al.* (31)
- Study on the "Sludge" Treatment Strategy for the Comprehensive Improvement of Water Environment in River Basin TANG Ying-dong, *et al.* (36)
- Practice and Deliberations on Design Consultation of Water Pollution Control Project in Lianjiang River Basin ZHOU Rong, *et al.* (41)

DESIGN EXPERIENCES

- Application of Multi-stage AO Process in Dougouhe No.2 Underground Wastewater Treatment Plant ... ZHOU Jian-zhong, *et al.* (48)
- Design of Wastewater Treatment Plant Expansion and Upgrading Project with Limited Health Protection Distance HUANG Jun-jie, *et al.* (55)
- Application of A²O/MBR/Catalytic Ozonation in Upgrading and Reconstruction of Wastewater Treatment Plant in Chemical Industrial Park ZHANG Fang-fang, *et al.* (61)
- Study on the Compliance of Reclaimed Water for Agricultural Irrigation in the "Eco-Zone around the City" of Chengdu ZHU Gang, *et al.* (65)
- Exploration and Practice of Small Watershed Comprehensive Management Scheme in Chengdu ZHENG Yi-li, *et al.* (73)
- Design of Small Diameter Gravity Flow Water Intake Project in Sandy and Gravel Coastal Zone HU Chun-guo, *et al.* (80)

PROJECT CASES

- Application of Biological Aerated Filter with Multi-mode Operation in Advanced Treatment of WWTP QI Ya-ling, *et al.* (85)
- Upgrading Scheme and Project Design of a WWTP for Quasi-level III Surface Water Criteria MO Wen-ting, *et al.* (90)
- Practice of Improving Quality and Efficiency of the Sewage System of a WWTP in Maozhou River Basin FANG Gang, *et al.* (96)
- Model-based Simulation of Complex Drainage System Control Logic CHEN Jun, *et al.* (102)
- Pilot-scale Study on the Removal of Ammonia Nitrogen from Micro-polluted Water by Bio-contact Oxidation Process LUO Feng, *et al.* (109)
- Treatment of Breeding Wastewater by Anaerobic System, SBR, A/O and MBR Process LIU Guang-shi, *et al.* (116)
- Coking Wastewater Treatment by Pretreatment, Catalyzed Internal Electrolysis, A/O Ceramic Membrane Bioreactor CHI Nian-ping, *et al.* (120)
- Analysis on First Level A Criteria Upgrading Process and Operation of Wastewater Treatment in a Chemical Industrial Park JIA Li, *et al.* (124)

ANALYSIS AND MONITORING

- Influence of Particle Disturbances on Turbidity Measurements in Low Turbidity Water ZHANG Yang, *et al.* (131)

专注输水安全

承载品质生活

**世界领先的
离心球墨铸铁管
及配套产品供应商**



长距离输水



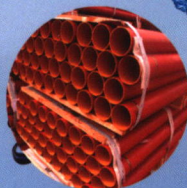
污水输送



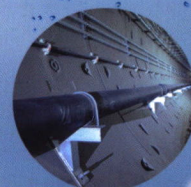
顶管



保温管



建筑排水管



消防管道



海水淡化

0310-4061535

www.xinxing-pipes.com