



ISSN 1673-7644
CN 37-1449/TU
中国核心学术期刊

山东建筑大学 学报

Journal of Shandong Jianzhu University

总第160期 第34卷 第6期
Sum.160 Vol.34 No.6

2019/6



中国·济南
Jinan China

目 次

研究论文

- 巨型溶洞超厚填筑体分层沉降规律研究 陈启辉, 顾薛青, 王军, 于明洋, 邱敬格(1)
- 不同厚度大体积混凝土底板温度场的相互影响 张新, 王梦瑶, 郑永峰(9)
- 超快激光加热薄膜的格子玻尔兹曼模拟 毛煜东, 吕慧丽, 孙浩森, 陈明九, 于明志(16)
- 碳纳米管/SBS 复合改性沥青制备工艺的研究 王鹏, 姜海龙, 王健, 张文武, 常志慧(21)
- 鲁粤苏浙城镇化空间格局比较研究 樊文平, 王鸿康, 刘红平, 刘晓慧, 单宝艳(27)
- 循环喷雾闪蒸影响因素的实验研究 马龙潭, 杨开敏, 季璨(33)
- 桩周土开挖状态带侧向支撑桩稳定性数值分析 李国奇, 贾强(39)
- 基于 Voronoi 图理论的微体积成形数值建模及验证 席道英, 郑伟(45)
- 地铁车辆运行对周围土体与建筑影响的研究 关天伟, 魏焕卫(50)
- 基于孔隙尺度的多孔骨架对固液相变的影响 张艳勇, 陈宝明, 李佳阳, 张自仕(56)

综述

- 好氧颗粒污泥的稳定运行条件及应用研究进展 李琦, 朱兆亮, 李明亮, 翟杨(63)

工程实践

- 齐河黄河水乡国家湿地公园概念规划设计 鲁敏, 王永华, 谢禹, 谭蕾, 丁长年(69)
- 生态颐养服务中心概念设计策略研究——以泉州市为例 崔艳秋, 郎冰, 孙宁晗, 李思萌, 朱霖(79)
- 基于 LiDAR 遥感和 BIM 的古建筑本体保护方法研究 赵莉莉, 王京卫, 马占奎(85)
- 34 卷 总 目 次 (90)

CONTENTS

Research papers

Study on layered settlement law of super-thick filling body in giant karst cave CHEN Qihui, GU Xueqing, WANG Jun, *et al.* (1)

Temperature field interaction of mass concrete floor with different thicknesses ZHANG Xin, WANG Mengyao, ZHENG Yongfeng (9)

Using the Lattice Boltzmann method to simulate the heat conduction in a thin film induced by ultra-fast laser ... MAO Yudong, LV Huili, SUN Haosen, *et al.* (16)

Study on preparation process of carbon nanotube/SBS composite modified asphalt WANG Peng, JIANG Hailong, WANG Jian, *et al.* (21)

Comparative study on spatial pattern of urbanization in Shandong, Guangdong, Jiangsu and Zhejiang FAN Wenping, WANG Hongkang, LIU Hongping, *et al.* (27)

Experimental investigation on the influencing factors of circulatory spray flash evaporation MA Longtan, YANG Kaimin, JI Can (33)

Numerical analysis of pile foundation stability with lateral support under excavation condition of soil around pile LI Guoqi, JIA Qiang (39)

Modeling and numerical simulation of micro-plastic forming based on Voronoi diagram XI Daoying, ZHENG Wei (45)

Study on the influence of metro vehicle operation on surrounding soil and buildings GUAN Tianwei, WEI Huanwei (50)

Study on the influence of porous skeleton on solid-liquid phase change based on pore size ZHANG Yanyong, CHEN Baoming, LI Jiayang, *et al.* (56)

Review

Research progress on the operating conditions stability and application of aerobic granular sludge LI Qi, ZHU Zhaoliang, LI Mingliang, *et al.* (63)

Engineering practice

Conceptual planning and design of Qihe Yellow River Water Country National Wetland Park LU Min, WANG Yonghua, XIE Yu, *et al.* (69)

Concept design strategy of ecological elder service center: A case study of Quanzhou City CUI Yanqiu, LANG Bing, SUN Ninghan, *et al.* (79)

Research on ontology protection of ancient architectural based on LiDAR remote sensing and BIM ZHAO Lili, WANG Jingwei, MA Zhankui (85)