

目 次

铁道路基冻害防治方法研究	邓友生, 刘俊聪, 彭程谱, 等(1)
考虑风压影响混凝土箱梁的碳化规律及耐久性设计	蔺鹏臻, 王雲一, 颜维毅, 等(9)
带 RC 楼板双槽钢组合截面构件恢复力模型	冉红东, 蔡洲鹏, 冯俊翔, 等(15)
交叉预应力锚索加固损伤支护桩现场试验研究	刘 林, 李雅丽, 薛 茜, 等(24)
大型工业厂房钢筋混凝土柱半装配化工艺研发及应用研究	王建刚, 张 清, 李智军, 等(33)
体内无粘结预应力混凝土梁受弯承载力计算模型研究	于晓光, 穆卓辉, 邢国华(40)
基于正交试验的植生型再生混凝土配合比优化研究	金耀华, 赵廷春, 王 兵, 等(47)
玄武岩纤维灰土力学特性及扩宽路堤边坡稳定性分析	刘 华, 胡文乐, 何朋立, 等(53)
早龄期预制叠合剪力墙收缩变形研究和开裂风险预测	吴 曦, 汪梦甫(61)
冻融作用下初始含水率对膨胀土边坡稳定性的影响研究	郭从洁, 时 伟, 杨忠年, 等(69)
泡沫轻质土力学性能与干湿循环试验研究	侯智坚, 王爱涛, 公彦昆, 等(80)
高强钢筋混凝土 T 形截面短肢剪力墙抗震性能试验研究	张 淦, 张品乐, 陶 忠, 等(86)
面向生态系统服务功能的城市绿地碳汇量估算研究	于 洋, 王昕歌(95)
西北某水库沉积物污染特征与评价	黄道军, 薛睿康, 李 凯, 等(103)
冰蓄冷空调系统经济性分析	徐 鹏, 潘安东, 段之殷(109)
基于 VOF 数值模拟的扬水曝气器提水性能研究	常志英, 黄廷林(117)
建筑环境中微生物对液滴蒸发影响的实验研究	刘 荔, 刘 鑫, 段梦婕, 等(126)
绿地系统处理屋面雨水中污染物的性能研究	刘 茵, 张 龙, 张 琪, 等(132)
汉江生态经济带城镇化与生态环境耦合协调发展时空格局	方永恒, 刘佳敏(138)
建筑节能分析用典型年数据的获取方法	付昱曦, 李红莲, 王赏玉, 等(147)

[期刊基本参数] CN61-1295/TU * 1957 * b * A4 * 156 * zh * P * ¥15.00 * 800 * 20 * 2021-02

CONTENTS

Study on the prevention and control method of freezing damage of railway roadbed	
.....	<i>DENG Yousheng, LIU Juncong, PENG Chengpu, et al</i> (1)
Carbonation law and durability design of concrete box girder considering the effect of wind pressure ...	
.....	<i>LIN Pengzhen, WANG Yunyi, YAN Weiyi, et al</i> (9)
Restoring force model of steel double-channel build-up members with RC slabs	
.....	<i>RAN Hongdong, CAI Zhoupeng, FENG Junxiang, et al</i> (15)
Field test study on reinforcement of damaged supporting pile with cross-prestressed anchor cables	
.....	<i>LIU Lin, LI Yali, XUE Qian, et al</i> (24)
Research and application of semi assembly technology of reinforced concrete column in large industrial plant	
.....	<i>WANG Jiangang, ZHANG Qing, LI Zhijun, et al</i> (33)
Study on calculation model of bending bearing capacity of unbonded prestressed concrete beams	
.....	<i>YU Xiaoguang, MU Zhuohui, XING Guohua</i> (40)
Mix optimization design of platgrowing recycled concrete based on orthogonality test	
.....	<i>JIN Yaohua, ZHAO Yanchun, WANG Bing, et al</i> (47)
Mechanical properties of basalt fiber ash soil and stability analysis of widened embankment slope	
.....	<i>LIU Hua, HU Wenle, HE Pengli, et al</i> (53)
Investigation of shrinkage effect and prediction of cracking risk of precast superimposed shear wall at early ages	
.....	<i>WU Xi, WANG Mengfu</i> (61)
Research on the influence of initial moisture contents on the stability of the expansive soil slope under freeze-thaw cycles	
.....	<i>GUO Congjie, SHI Wei, YANG Zhongnian, et al</i> (69)
Study on the mechanical property and wetting-drying cycle durability of cement foamed lightweight soil	
.....	<i>HOU Zhijian, WANG Aitao, GONG Yankun, et al</i> (80)
Experiment on seismic behavior of T-shaped short-leg shear wall with high strength reinforced concrete	
.....	<i>ZHANG Gan, ZHANG Pinle, TAO Zhong, et al</i> (86)
Estimation of urban green space carbon sink for ecosystem service function	
.....	<i>YU Yang, WANG Xinge</i> (95)
Characteristics and evaluation of pollution in sediments of a reservoir in Northwest China	
.....	<i>HUANG Daojun, XUE Ruikang, LI Kai, et al</i> (103)
Analysis of influencing factors on economy of ice storage air conditioning system	
.....	<i>XU Peng, PAN Andong, DUAN Zhiyin</i> (109)
Research on the water lifting performance of water-lifting aerator based on VOF	
.....	<i>CHANG Zhiying, HUANG Tinglin</i> (117)
Experimental study on evaporation mechanism of indoor microbial droplets	
.....	<i>LIU Li, LIU Xin, DUAN Mengjie, et al</i> (126)
Performance evaluation of urban lawn system in controlling the pollutants in roof runoffs	
.....	<i>LIU Yin, ZHANG Long, ZHANG Qi, et al</i> (132)
Spatiotemporal pattern of coupling and harmonious development of urbanization and ecological environment in the Hanjiang eco-economic zone	
.....	<i>FANG Yongheng, LIU Jiamin</i> (138)
Method of obtaining TMY for building energy efficiency analysis	
.....	<i>FU Yuxi, LI Honglian, WANG Shangyu, et al</i> (147)