

工业建筑

ISSN 1000-8993
CN 11-2068/TU
CODEN GJIAE5



INDUSTRIAL CONSTRUCTION

**中文核心期刊 主办:中冶建筑研究总院有限公司
建筑科学领域高质量科技期刊分级目录期刊**

The image is a dense cloud of Chinese text, primarily in blue and white, set against a light gray background. The text is organized into several groups by color:

- Blue text:** 工业建筑 (Industrial Architecture), 高性能结构体系 (High-performance Structural Systems), 建筑与基础设施智能化 (Intelligent Construction and Infrastructure), 复合材料 (Composite Materials), 地下空间 (Underground Space), 高强钢 (High-strength Steel), 岩土工程 (Geotechnical Engineering), and CONSTRUCTION INDUSTRIALIZATION.
- White text:** 工程运维 (Engineering Operation and Maintenance), ENGINEERING DIAGNOSIS AND MAINTENANCE, GEOTECHNICAL ENGINEERING, STRUCTURAL SEISMIC ENGINEERING, COMPOSITE MATERIALS, ADVANCED STRUCTURAL MATERIALS, 地下空间 (Underground Space), 岩土工程 (Geotechnical Engineering), 工程诊治与运维 (Engineering Diagnosis and Treatment and Operation and Maintenance), UNDERGROUND SPACE, SICHUAN TIBET, RAILWAY, 复合材料 (Composite Materials), and HIGH STRENGTH STEEL.

The text is rendered in a variety of sizes and orientations, creating a dynamic and overlapping visual effect.

The banner features several vertical columns of text representing different green building technologies:

- RESILIENT CITY**: 结构与韧性城
- GREEN BUILDING
- ADVANCED STRUCTURAL MATERIALS
- 智能建造与服役**
- 先进结构材料**
- 高性能结构体系**
- RESILIENT CITY**: 城市更新
- GREEN BUILDING
- 川藏铁路
- 绿色建筑**
- RESILIENT CITY**: 先进结构材料
- CITY
- INTELLIGENT CONSTRUCTION AND SERVICE
- 复合材料市**
- 隧道安全**
- STRUCTURAL WIND RESISTING ENGINEERING**
- INDUSTRIAL CONSTRUCTION**: 岩土工程
- 建筑围护系统**
- SHENZHONG CHANNEL**
- BUILDING ENVELOPE SYSTEM**: 建筑工业化
- CONSTRUCTION
- INDUSTRIALIZATION
- 结构抗震**
- 结构振动控制**

工程诊治与运维

与韧性城市中
建筑围护系统
控制全
LUDING
筑

51卷 第576期

Industrial Construction

城乡规划和建筑理论

- 1 西藏宗堡建筑的军事防御性设计 黄凌江 彭玉红
8 基于价值阐释的上海民生码头的保护和利用 侯实付 涂涌 张怡欣, 等
17 高校既有建筑空间长效优化设计方法研究
——南京大学鼓楼校区西南楼的改造 吴锦绣 张玫英 范琳琳, 等
24 我国传统村落研究中地理信息系统的应用 苗晏凯 罗萍嘉 常江

工程结构和结构防灾

- 30 超高性能混凝土节段预制拼接梁受弯性能试验研究 梁雪娇 郑辉 轩帅飞, 等
37 带拉杆的方钢管混凝土柱受力性能研究 胡浩 李正良 唐峻峰
45 螺栓连接预制穿层墙承载和抗震性能研究 姜继利 韩军任为, 等
54 装配整体式钢筋混凝土框架中节点地震损伤试验研究 杨曌 杨泉包亮
61 带构造或芯柱的装配式混凝土砌块墙抗震性能研究 欧阳金秋 黄靓 曾令宏, 等
68 装配式梁-柱-牛腿组合节点承载性能分析 王建刚 张清 李智军, 等
73 高温对钢筋与混凝土黏结性能影响的试验研究 周立琛 刘利 李雅宁, 等
81 基于振动台试验的刚构桥近断层效应动力响应分析 闫晓宇 赵卓 王卓
86 复合承载型自复位梁柱节点有限元研究 张爱林 郭康 周宝儒, 等
94 带内拉架方钢管混凝土柱轴压试验研究 李胜强 杨博 金焕, 等
100 连接铝合金基材的不锈钢复合材质自钻自攻螺钉抗拉拔性能试验研究 辛志勇 潘步新 汪大洋, 等

岩土及地下工程

- 110 南沙淤泥质土微观结构及力学特征的试验研究 张庆华 孙银磊 汤连生, 等
118 开采扰动对铁路煤矸石路堤稳定性的影响 张清峰 王东权 于广云, 等
125 循环温度场作用下能量桩热-力学性能的试验研究 常虹 刘津男 孟庆宇
131 预应力高强混凝土管桩抗震能力改善措施的试验研究 赵长春 张留军 龚维明, 等

高性能建筑材料

- 135 大流动性混凝土配合比优化及微结构表征 黎梦圆 曹丰泽 阎培渝, 等
140 免蒸养超高性能混凝土力学性能的试验 吴琛 陈柯丹 林上顺, 等
146 龄期对定向钢纤维增强水泥基复合材料断裂性能的影响 倪龙邦 杨卓凡 慕儒
152 聚乙烯醇纤维水泥基灌浆套筒接头承载性能的研究 朱方之 马志鸣 左工, 等
157 开孔高强钢板材料力学性能的试验研究 张海龙 赵雪航 李海锋
163 加速腐蚀环境下压型钢板力学性能的退化规律 徐吉民 幸坤涛 高向宇, 等

综述

- 169 基于月面原位资源的月球基地建造技术 冯鹏 包查润 张道博, 等

复材结构

- 179 纤维增强复合材料约束钢管混凝土轴心受压柱抗爆性能分析 刘兰 王丽静 郭宏, 等
187 玄武岩纤维增强复材约束的玄武岩纤维混凝土的力学性能 刘晓峰 张颖 阎述韬, 等

工程实录

- 194 钢-混混合结构工业厂房地震作用下动力响应分析 王建刚 张清 李智军, 等

1	Military Defensive Design of Tibetan Dzongs	HUANG Lingjiang PENG Yuhong
8	Conservation and Reuse of Minshenglu Matou Based on Value Interpretation	HOU Shi FU Yong ZHANG Yixin, et al
17	Study on Long-Term Effective Space Optimization of Campus Buildings in China: Reform of the Southwest Building in the Gulou Campus of Nanjing University	WU Jinxiu ZHANG Meiyi FAN Linlin, et al
24	Application of GIS in Chinese Traditional Village Research	MIAO Yankai LUO Pingjia CHANG Jiang
30	Experimental Study on Flexural Properties for Segmental Precast Girders of Ultra-High Performance Concrete	LIANG Xuejiao ZHENG Hui XUAN Shuaifei, et al
37	Experimental Study on Reinforced Concrete-Filled Steel Square Tubular Columns with Tie Bars	HU Hao LI Zhengliang TANG Junfeng
45	Study on Bearing Capacity and Seismic Properties of Prefabricated Skip-Floor Shear Walls with Bolted Connection	JIANG Jili HAN Jun REN Wei, et al
54	Experimental Study on Seismic Damage of Interior Joints in Integrally Prefabricated Reinforced Concrete Frames	YANG Zhao YANG Quan BAO Liang
61	Seismic Performance Research on Prefabricated Concrete-Block Walls with Structure or Core Columns	OUYANG Jinqiu HUANG Liang ZENG Linghong, et al
68	Analysis on Mechanical Properties of Prefabricated Beam-Column-Corbel Combined Joints	WANG Jiangang ZHANG Qing LI Zhijun, et al
73	Experimental Research of High Temperature Effect on Bonding Performances Between Steel Bars and Concrete	ZHOU Lichen LIU Li LI Yaning, et al
81	Dynamic Response Analysis of Near-Fault Effects of Rigid-Framed Bridges Based on Shaking Table Tests	YAN Xiaoyu ZHAO Zhuo WANG Zhuo
86	Finite Element Analysis of Composite Load-Bearing Self-Resetting Beam-Column Joints	ZHANG Ailin GUO Kang ZHOU Baoru, et al
94	Experimental Study on Axial Compressive Properties of Concrete-Filled Steel Square Tubular Columns with Inner Tie-Bar Frames	LI Shengqiang YANG Bo JIN Huan, et al
100	Experimental Study on Pull-Out Properties of Self-Tapping Stainless Steel Screws to Fix Aluminum Sheets	XIN Zhiyong PAN Buxin WANG Dayang, et al
110	Experimental Study on Microstructure and Mechanical Characteristics of Mucky Soil in Nansha of Guangzhou	ZHANG Qinghua SUN Yinlei TANG Liansheng, et al
118	Influences of Mining Disturbance on Stability for Railway Embankments of Coal Gangue	ZHANG Qingfeng WANG Dongquan YU Guangyun, et al
125	Experimental Study on Thermo-Mechanical Properties of Energy Piles Under Action of Cyclic Temperature	CHANG Hong LIU Jinnan MENG Qingyu
131	Experimental Study on Improvement Measures of Seismic Resistance for Tubular Piles of PHC	ZHAO Changchun ZHANG Liujun GONG Weiming, et al
135	Mix Proportion Optimization of High Fluidity Concrete and Its Microstructure Characterization	LI Mengyuan CAO Fengze YAN Peiyu, et al
140	Experimental Study on Mechanical Properties of Ultra-High Performance Concrete Under Normal Temperature Curing	WU Chen CHEN Kedan LIN Shangshun, et al
146	Effects of Ages on Fracture Properties of Oriented Steel Fiber-Reinforced Cementitious Composites	QING Longbang YANG Zhuofan MU Ru
152	Experimental Study on Mechanical Properties of Sleeve Splicing Grouted with PVA Fiber-Reinforced Cementitious Composites	ZHU Fangzhi MA Zhiming ZUO Gong, et al
157	Study on Mechanical Properties of Perforated High-Strength Steel Plates	ZHANG Hailong ZHAO Xuehang LI Haifeng
163	Degradation Laws of Mechanical Properties for Profiled Steel Sheets in Accelerated Corrosion Environments	XU Jimin XING Kuntao GAO Xiangyu, et al
169	Construction Technology for Lunar Bases Using Lunar In-Situ Resources	FENG Peng BAO Charun ZHANG Daobo, et al
179	Analysis on Blast-Resistant Performances of Concrete-Filled Steel Tube Columns Confined with FRP Under Axial Compression	LIU Lan WANG Lijing GUO Hong, et al
187	Mechanical Properties of Basalt-Fiber-Reinforced Concrete Confined with BFRP	LIU Xiaofeng ZHANG Ying YAN Shutao, et al
194	Dynamic Response Analysis of an Industrial Building of Hybrid Structure Under the Action of Earthquakes	WANG Jiangang ZHANG Qing LI Zhijun, et al