

国家新闻出版广电总局A类学术期刊 中国核心期刊(遴选)数据库 《中国学术期刊综合评价数据库》统计源期刊 《中国期刊(全文数据库)》《中国期刊网》全文收录期刊

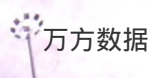


工程建设与设计

国家机械工业局工程建设中心 中国机械工业勘察设计协会 中国中元国际工程有限公司 CN 11-3914/TU 2021 年第07月上 总第459期



柬埔寨体育场
中国中元国际工程有限公司



动态资讯

- 01 “住房和城乡建设部部署开展‘安全生产月’活动”
等信息6则

访谈

- 03 为社会而创作

建筑与结构设计

- 07 游客集散中心规划与设计思索——以荔波樟江大小七孔游客集散中心为例（何瑞金）
- 10 高海拔混凝土汽车试验仓结构设计要点（刘闯，杨凯）
- 14 人文情怀在中学校园景观设计中运用——以石子市高中学校为例（朱天武，格丽娜·居来提）
- 18 面对新型冠状病毒肺炎疫情的几点建筑设计问题反思（陈泊好）
- 22 面向科创中心规划需求的区域地块分析与设计融合利用——以上海化工区为例进行研究（余尚文）
- 25 高层钢结构住宅设计方案（卢宇）
- 28 地铁人防门框墙设计计算分析（林成虎）
- 31 高层混凝土建筑抗震结构设计关键要素探究（庄绪永）
- 34 城市规划、城市设计和建筑设计的关系分析（朱飞）

基础工程设计

- 36 复杂场地条件下深基坑围护技术及工程应用研究（李新，黄健，樊海元，陶金海，李昊雨，杨凡林）
- 39 塑料排水板在滩涂软基处理施工中的应用分析（丁锦彦）
- 42 综合物探测井技术的应用研究（龚春荣）
- 45 风电机组基坑渗水解决方案（咬登尚，王勃）

- 48 地质钻探堵漏新技术的应用（郭冬冬）

公用工程设计

- 51 消防水泵共用下的地铁换乘站火灾自动报警系统互联互通方案（杨广伟，曹春建）
- 55 高层建筑消防隐患及防火监督策略研究（张宏，杨晓丹）
- 59 结合绿色生态理念的暖通空调设计分析（熊耀宇，皇甫昊）
- 62 化工实验室变风量通风系统设计（高智杰）

市政·交通·水利工程设计

- 65 某超高性能混凝土（UHPC）箱梁人行天桥方案设计研究（刘敏剑）
- 68 隧道工程机械化施工的现状和发展趋势（冯世春）
- 71 地铁车站与周边地块一体化开发设计要点（郑鑫鑫）
- 74 既有线铁路接触网刚柔过渡问题探析（杨清太）
- 77 新建桥梁上跨既有隧道工程的设计（陈本武）
- 79 中小跨径混凝土桥梁常见病害及处理策略（华东东）
- 82 公路隧道监控量测及围岩稳定性的探究（李坤）
- 85 公路沥青路面预防性养护技术应用研究（赵涛）
- 88 带上盖物业开发的半地下地铁车辆基地给排水设计探讨（王波）
- 91 高速公路边坡滑坡成因分析及治理措施（黄金青）
- 94 城市街路更新改造思路探究——以沈阳市街路全要素总体设计为例（王亮）
- 97 公路工程混凝土病害及防治探讨（王鹏）
- 100 地铁建设工程中的给排水管线改迁设计措施（高策）
- 103 提高公路桥梁安全性和耐久性的设计方法研究（苏巧娴）

工业工程设计

- 106 压力容器设计中开孔补强设计探析（张皓斌）
- 109 加热炉的开车顺序控制应用（传冰）

环境工程设计

- 112 山水林田湖草生态保护修复工程布局及技术策略分析(张进德)

能源工程设计

- 115 区域能源与IDC综合节能设计分析(马则权)

智能与信息化

- 118 GIS下岩土工程勘察设计一体化的应用方式(王淦)
- 121 核电厂仪控系统数字化改造关键要素分析(胡豪贤)

工程施工技术

- 124 不同强度等级混凝土对抗氯离子渗透性能的影响(苏富赞, 邸泉深, 白永昇, 蔺周)
- 127 温州瓯江北口大桥中塔钢沉井底节定位施工技术(吴爱兵, 朱三平)
- 131 水下桥梁桩基础新型压入钢套筒加固技术(刘志国, 王高飞, 朱超)
- 134 铁路连续梁挂篮施工技术的应用分析——以鲁南高铁跨济徐高速为例(岳俊夫)
- 138 铁路单线隧道大断面法大型机械化施工技术研究(喻有彪, 丁国龙)
- 141 郑州高铁南站巨型截面厚钢板钢骨柱装焊工艺与焊接新技术应用(严哲, 苏杭)
- 145 新型保温材料气凝胶在蒸汽管道保温中的应用(朱道强, 殷特, 林婵)
- 148 澳标清水混凝土施工技术研究(常连安, 石竹军)
- 153 超高层建筑采光井顶部结构支撑体系施工技术(赵乐, 韦静林, 许远搏, 柳印生, 方万刚)
- 157 220kV交联电缆GIS插拔式终端安装施工方法研究(翟子聪, 康勇全, 张鸿)
- 160 复合地层中超大直径泥水盾构刀盘刀具选型设计研究(张旭)
- 163 基于击实试验的宕渣土石混合物性能研究(翟晓星, 李凯翔)
- 165 机场沥青道面现场热再生技术施工质量评价(王镜旭, 方意心, 肖驰)

- 168 紧邻既有高架桥深基坑施工风险及应对措施研究(董海龙, 蔡刚, 许成汉, 代满)

- 172 解析园林绿化工程反季节施工技术(李洪燕)

- 175 切德克苏河引水枢纽除险加固工程施工工艺应用分析(郑庆建)

- 178 节段拼装箱梁桥转体施工技术(朱晓健)

- 181 桥梁工程中的大跨度预应力混凝土施工技术(郑一帆)

- 184 双侧壁导坑法在高速公路隧道进口段进洞施工中的应用(陈磊)

- 187 隧道开挖质量控制及保障措施(高芳利)

- 190 超轻陶粒土的一维压缩特性及其微观机理(葛晓永, 徐玉桂, 张军, 王志华, 申志福)

- 193 高速公路桥梁工程溶洞桩基处理方案及应对措施(洪新明)

- 196 GAC-16C改性沥青混合料劈裂强度的影响因素分析(陈秋)

- 199 韩江大桥连续刚构桥挂篮悬浇专项施工工艺(周承波)

- 201 施工升降机基础方钢柱回顶施工技术(鲁焯, 韦应彬)

- 205 公路隧道施工技术及管理探讨(李朋波)

- 208 高速公路工程施工中软土地基处理技术研究(赵霄)

工程项目管理

- 211 EPC模式下建设项目工程造价风险防范策略探析(李杨)

- 214 桥梁施工安全风险评估与控制研究(杨鑫)

- 218 群体超高层项目的总承包管理探析(毛文忠, 马飞燕)

- 222 城际铁路运营管理模式分析(宋振刚)

- 225 盾构设备维修保养与配件管理措施(廖涵)

INFORMATION

- 01 "The Ministry of Housing and Urban Rural Development Deploys the Activity of 'Safety Production Month' " Etc.6

INTERVIEW

- 03 Creating for Society

Architectural and Structural Design

- 07 Planning and Design of Tourist Distribution Centre—A Case Study of the Tourist Distribution Center of Libo Zhangjiang Big and Small Seven Holes(HE Rui-jin)
- 10 Key Points of Structural Design of High Altitude Concrete Automobile Test Chamber(LIU Chuang, YANG Kai)
- 14 Application of Humanistic Feelings in the Landscape Design of Middle School Campus—Taking Shihezi Senior Middle School as an Example(ZHU Tian-wu, Gelina Julaiti)
- 18 Reflections on Several Architectural Design Issues Facing the COVID-19(CHEN Bo-yu)
- 22 Integrated Utilization for Design and Analysis of Regional Land Faced to Planning Requirements of Science and Technology Innovation Center—Taking Shanghai Chemical Industry Zone as an Example(YU Shang-wen)
- 25 Design Scheme of High-Rise Steel Structure Residence(LU Yu)
- 28 Calculation and Analysis of Subway Civil Air Defense Door Frame Wall Design(LIN Cheng-hu)
- 31 Research on the Key Elements of Seismic Structural Design of High Rise Concrete Buildings(ZHUANG Xu-yong)
- 34 Analysis of the Relationship Among Urban Planning, Urban Design and Architectural Design(ZHU Fei)

Engineering Design of the Ground

- 36 Research on Deep Foundation Pit Enclosure Technology and Engineering Application Under Complicated Site Conditions(LI Xin, HUANG Jian, FAN Hai-yuan, TAO Jin-hai, LI Hao-yu, YANG Fan-lin)
- 39 Application Analysis of Plastic Drainage Board in Soft Beach Foundation Treatment of Tidal Flat(DING Jin-yan)
- 42 Application Research of Integrated Geophysical Logging Technology(GONG Chun-rong)
- 45 Solution of Foundation Pit Seepage of Wind Turbine(YAO Deng-shang, WANG Bo)

- 48 Application of New Technology of Geological Drilling and Plugging(GUO Dong-dong)

Public Utilities Design

- 51 Interconnection Scheme of FAS System in Metro Transfer Station Under the Condition for Shared Fire Pump(YANG Guang-wei, CAO Chun-jian)
- 55 Study on Fire Hazards and Fire Prevention Supervision Strategies in High-Rise Buildings(ZHANG Hong, YANG Xiao-dan)
- 59 Analysis of HVAC Design Combined with Green Ecological Concept(XIONG Yao-yu, HUANG Fu-hao)
- 62 Design of Ventilation System of Variable Air Volume in Chemical Laboratory(GAO Zhi-jie)

Municipal-Traffic-WaterResources Engineering Design

- 65 Study on Scheme Design of a UHPC Box Girder Pedestrian Bridge(LIU Min-jian)
- 68 Present Situation and Development Trend of Mechanized Construction of Tunnel Engineering(FENG Shi-chun)
- 71 Key Points of Integrated Development and Design of Subway Station and Surrounding Land(ZHENG Xin-xin)
- 74 A Study on Rigid and Flexible Catenary Transition for Existing Rail-line(YANG Qing-tai)
- 77 Design of New Bridge Over Existing Tunnel(CHEN Ben-wu)
- 79 Common Diseases and Treatment Strategies of Small and Medium Span Concrete Bridge(HUA Dong-dong)
- 82 Study on Monitoring and Measurement of Highway Tunnel and Stability of Surrounding Rock(LI Kun)
- 85 Application Research on Preventive Maintenance Technology of Highway Asphalt Pavement(ZHAO Tao)
- 88 Discussion on Water Supply and Drainage Design of Semi-underground Subway Vehicle Base with Covered Property Development(WANG Bo)
- 91 Causes Analysis and Control Measures of Slope Landslide of Expressway(HUANG Jin-qing)
- 94 Research on the Renovation of City Street—Taking the Overall Design of Shenyang Street as an Example(WANG Liang)
- 97 Discussion on Highway Engineering Concrete Disease and Prevention(WANG Peng)
- 100 Design Measures of Water Supply and Drainage Pipeline Relocation in Subway Construction project(GAO Ce)
- 103 Study on Improving Safety and Durability Design Method of Highway Bridge(SU Qiao-xian)

Industrial Engineering Design

- 106 Application of Opening Reinforcement Design in Pressure Vessel Design(ZHANG Hao-bin)
- 109 Application of Start-Up Sequence Control in Heating Furnace(CHUAN Bing)

Environment Engineering Design

- 112 Analysis on the Layout and Technical Strategy of Ecological Protection and Restoration Projects for landscapes, Forests, Fields, Lakes and Grasses(ZHANG Jin-de)

Energy Engineering Design

- 115 Comprehensive Energy-Saving Design Analysis of Regional Energy and IDC(MA Ze-quan)

Intelligentize and Informatization

- 118 Application of Integrated Geotechnical Engineering Survey and Design under GIS(WANG Gan)
- 121 Analysis on Key Elements of Digital Reconstruction of Instrument and Control System in Nuclear Power Plant(HU Hao-xian)

Construction Technology

- 124 Effects of Different Strength Grades of Concrete on Resistance to Chloride Penetration(SU Fu-yun, DI Quan-sheng, BAI Yong-sheng, LIN Zhou)
- 127 Positioning Construction Technology for Bottom Segment Steel Caisson of Intermediate Tower of Wenzhou Oujian Estuary Bridge(WU Ai-bing, ZHU San-ping)
- 131 New Reinforcement Technology of Press Steel Box in Underwater Bridge Pile Foundation(LIU Zhi-guo, WANG Gao-fei, ZHU Chao)
- 134 Application Analysis of Hanging Basket Construction Technology for Railway Continuous Beam—A Case Study of Lunan High Speed Railway Crossing Ji Xu Expressway(YUE Jun-fu)
- 138 Research on Large-Scale Mechanized Construction Technology of Single Line Tunnel with Large Section Method(YU You-biao, DING Guo-long)
- 141 The Assembly Welding Process and New Welding Technology Application of the Giant Section Thick Steel Plate Steel Column of Zhengzhou High-Speed Railway South Station(YAN Zhe, SU Hang)
- 145 The Application of Aerogel as A New Thermal Insulation Material in Steam Pipeline Thermal Insulation(ZHU Dao-qiang, YIN Te, LIN Chan)
- 148 Research on Construction Technology of Australia Standard Fair-Faced Concrete(CHANG Lian-an, SHI Zhu-jun)
- 153 Construction Technology of Supporting System on Top of Light Well in Super High-Rise Building(ZHAO Le, WEI Jing-lin, XU Yuan-bo, LIU Yin-sheng, FANG Wan-gang)
- 157 Research on Installation and Construction Method of 220kV Cross-Linked Cable GIS Plug-in Terminal(ZHAI Zi-cong, KANG Yong-quan, ZHANG Hong)
- 160 Research on the Selection and Design of Cutterhead and Cutter of Super Large Diameter Slurry Shield Machine in Composite Stratum(ZHANG Xu)
- 163 Research on Performance of Soil-Rock Mixtures by Blasting Based on Compaction Test(ZHAI Xiao-xing, LI Kai-xiang)

- 165 Construction Quality Evaluation of On-Site Thermal Regeneration Technology for Airport Asphalt Pavement(WANG Jing-xu, FANG Yi-xin, XIAO Chi)
- 168 Study on Construction Risk and Countermeasures of Deep Foundation Pit Adjacent to Existing Viaduct(DONG Hai-long, CAI Gang, XU Cheng-han, DAI Man)
- 172 Analysis of Off-Season Construction Technology of Landscaping Engineering(LI Hong-yan)
- 175 Application Analysis of Danger Removal and Reinforcement Construction Technology in Chedekes River Diversion Project(ZHENG Qing-jian)
- 178 The Rotating Construction Technology With Segment Erection Box Girder(ZHU Xiao-jian)
- 181 Construction Technology of Long-span Prestressed Concrete in Bridge Engineering(ZHENG Yi-fan)
- 184 The Application of Double-wall Tunnel Guide Method in the Construction of the Entrance Section of Expressway Tunnel(CHEN Lei)
- 187 Tunnel Excavation Quality Control and Safeguard Measures(GAO Fang-li)
- 190 Study on Physical and Mechanical Behavior of Granular Soil Composed of Ultra-Light-Weight Expansive Clay Aggregates(GE Xiao-yong, XU Yu-gui, ZHANG Jun, WANG Zhi-hua, SHEN Zhi-fu)
- 193 Treatment Scheme and Countermeasures of Karst Cave Pile Foundation in Highway Bridge Engineering(HONG Xin-ming)
- 196 Analysis of Factors Affecting Splitting Strength of GAC-16C Modified Asphalt Mixture(CHEN Qiu)
- 199 Hanging Basket Suspended Casting Special Construction Technology of Hanjiang Bridge Continuous Rigid Frame Bridge(ZHOU Cheng-bo)
- 201 The Increasing Support Construction Technology of the Square Steel Column of the Construction Hoist Foundation(LU Ye, WEI Ying-bin)
- 205 Discussion on the Construction Technology and Control of Highway Tunnel(LI Peng-bo)
- 208 Research on Technology of Soft Foundation Treatment in Expressway Construction(ZHAO Xiao)

Project Management

- 211 Analysis on the Risk Prevention Strategy of Construction Project Cost Under EPC Mode(LI Yang)
- 214 Research on Safety Risk Assessment and Control of Bridge Construction(YANG Xin)
- 218 Analysis of the General Contract Management of Super High-Rise Building Group(MAO Wen-zhong, MA Fei-yan)
- 222 Analysis on Operation and Management Mode of Intercity Railway(SONG Zhen-gang)
- 225 Shield Tunneling Equipment Maintenance and Spare Parts Management Measures(LIAO Han)

国机集团



中国中元国际工程有限公司
CHINA IPPR INTERNATIONAL ENGINEERING CO., LTD.



广告

地址：北京市西三环北路5号 邮编：100089 电话：(010) 68458355 传真：(010) 68732688 网址：<http://www.ippr.com.cn> 邮箱：office@ippr.com.cn