

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)》



QK2033880



工程建设与设计

办: 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 2020年第07月下 总第436期



万方数据

ISSN 1007-9467
9 771007 946202 142

论坛

- 1 我国环境保护工作的发展及成果 (鄱江华 王聪聪)
- 5 我国生态环境保护投入及发展趋势探讨 (鄱江华 王聪聪)
- 8 2019年我国大气环境监测数据分析 (鄱江华 汤维)

建筑与结构设计

- 9 某超高层剪力墙结构设计 (杨胜志, 冯健)
- 11 框架结构夹层设计方法探讨 (高培文, 庞臣军)
- 13 基于3D打印的被动式墙体热工构造的研究
(张宝泉, 宁文军, 魏艳玲, 吴晨, 黄世岩)
- 16 城乡混杂地区的新型城镇化特征与路径 (骆文标)
- 19 受弯钢梁整体稳定计算的讨论 (韩忠亮)
- 21 某丙类厂房自动水灭火系统设计探讨 (冉飞亚)
- 23 房屋建筑结构加固设计及加固施工技术的应用 (浦绍武)
- 25 建筑地下结构抗浮设计 (杨士友)
- 27 建设工程施工图审查结构专业常见问题及分析 (张丰)
- 29 清代扬州盐商园林变迁及其风格研究 (郁畏力)
- 32 从“黑金”到“蓝钻”的蝶变 (程堂明)
- 34 中小学校建筑设计研究 (杨健)
- 36 油库建设中消防设计问题研究 (晁军校)
- 38 国土空间规划体系下的乡村振兴规划初探 (何文茜)
- 40 单建式地下车库设计 (王鑫)
- 42 房屋建筑结构设计优化技术的应用分析 (赵志强)
- 44 城市规划、城市设计和建筑设计的关系分析 (陈坚, 张燕)
- 46 住宅建筑施工图配合精装设计控制要点 (肖莎莎)
- 48 装配式混凝土框架结构预制构件拼装节点设计方法 (邵明路)

基础工程设计

- 50 长江中下游复杂地层中超长钻孔桩施工质量控制 (刘永红)
- 54 高烈度地震区西山村高位滑坡特征与成因机理分析
(张建永, 马洪生, 欧阳朝军)
- 56 GS土体硬化剂对软土地基土壤加固土力学性能影响的研究
(张沈裔, 康明, 胡家栋)
- 59 深厚砂层地区管桩用于基坑支护的探讨 (张耀华)
- 61 两种压裂车在页岩气开发中的应用分析 (林蕾)
- 63 论地质工程安全事故隐患排查清单 (王正浩, 司恭)
- 65 岩土工程中的深基坑支护设计问题和解决措施 (王文跃)
- 67 水文地质因素对地质灾害产生的影响 (李让, 张君恺)

- 69 水泥搅拌桩在城市道路软基处理中的应用及优化分析 (郑仲润)
- 71 探讨声波透射法在桩基质量检测中的应用 (许增)
- 73 道路桥梁工程中软土地基施工处理措施 (徐广泽)
- 75 岩土工程勘察中水文地质勘察的地位及内容探讨 (曹岩)
- 77 某地区岩溶地面塌陷机理及其防治措施 (蓝冰)
- 79 淤泥质软土基坑开挖变形控制 (周歌军)

公用工程设计

- 81 集中供热系统换热站运行节能研究 (刘亚鹏)
- 83 电气试验工程安全技术检测方法研究 (曲英见)
- 85 微机继电保护的优点及抗干扰措施研究 (沈凯)
- 87 电力系统继电保护不稳定原因及解决办法 (刘明)
- 89 电力变压器继电保护国标与美标的差异探讨 (任磊)

市政·交通·水利工程设计

- 91 高铁隧道拱部防水板切割衬砌缺陷整治技术 (樊永杰)
- 95 布西水电站渗漏原因分析 (李伟)
- 98 利用不同导线测量方法对地铁隧道贯通误差的估算 (曹起)
- 100 叶城县泥石流防治工程拦砂坝设计分析 (郝建群, 谭亮)
- 102 基于预应力混凝土偏心桥墩的城市互通匝道桥梁动力特性研究及
下部结构受力分析 (黄梁)
- 104 水闸安全评价中闸室的三维有限元复核分析 (郭树华, 王江)
- 106 中央分隔带装配式活动护栏开发 (滕玉禄, 王东民)
- 108 关于精细化市政道路设计的几点考虑 (何崇宇)
- 110 淄博中心城区滨水生态景观与绿色基础设施建设探索
(王庆华, 房荣)
- 112 山区高速公路弃土场排水与防护设计 (程建, 唐文广)
- 114 地铁隧道下穿既有有线对线路结构变形影响的研究 (盖忠奎, 江春建)
- 116 基于结构安全监测系统数据分析的组合梁斜拉桥结构安全评估
(郭书峰, 王通, 要世乾)
- 118 公路工程设计中有关问题分析 (刘翠萍)
- 120 改建道路涵洞拼接探讨 (孙轲)
- 122 基于乡村振兴战略背景下的农村公路建设研究 (起志龙)
- 124 铁路电力设备履历系统改进及应用研究 (武春波, 张忠斌, 张岩)
- 126 高速动车组运行检修状况与发展研究 (李声涛)
- 128 铁路车辆应急指挥信息系统的相关探析 (沈海伟)
- 130 探析城市道路交叉口优化设计 (李炜)
- 132 水利工程建筑物结构设计关键问题探讨 (李劲飞)

- 134 敞开式TBM穿越断层带卡机处理措施(杨刚)

工业工程设计

- 136 一种天线罩使用低压弹簧式安全阀的设计
(孟祥军,李文峰,张晓菲,刘溢)
- 138 基于NX的试验工装三维自顶向下设计方法研究
(杨博,吕颂,王小蒙,沈跃)
- 140 重油箱式电站应用于海外项目临时供电工程初探(吴继英)
- 143 小热流测量技术研究(李文峰,孟祥军,张晓菲,卢超)
- 145 专用便携式车载袋除尘器的研究与应用(胡冰)
- 147 镍基合金格架弹簧压力电阻焊接工艺研究
(李涛,盛国福,郭蕊妍)
- 149 基于有限元的内压载荷管道应力研究(张光源,盛小明)
- 152 偏光片生产用溶液再处理的方式方法(徐楠)
- 154 探讨风光柴互补供电方案的应用(郑颀轩,江毅)
- 156 处理核工业含氟含氨废水的设计方法(尚改彬)
- 158 隔膜泵在海洋油气平台中的应用(郭明乐)
- 160 电厂机械设备维护与管理分析(胡鹏)

环境工程设计

- 162 原位热修复热场地采样加标回收研究(刘昊,王静,张峰)
- 166 DST水源地开采地下水对环境地质的影响评价(王柱和)
- 168 晋北严寒地区污水处理厂准V类提标改造工程设计(薛晖军)
- 170 火力发电厂烟气余热利用与应用探讨(李云军)
- 172 电站锅炉SNCR法脱硝工艺原理分析(李智文)
- 174 分析污水处理厂调节池的预应力设计与施工实践(朱小明)

工程施工技术

- 176 混凝土结构加固施工技术应用研究(李新明)
- 178 水泥混合土渗透特性试验研究(赵文文,王盛年)
- 181 装配式混凝土工程的施工技术及管理分析
(时俊锋,王小名,于向锋)
- 183 有底钢套筒施工技术探讨(刘宇)
- 185 桥梁工程施工中预应力技术的应用(胡仲川)
- 187 加固技术在混凝土结构处理中的应用(徐庆和)
- 189 水工金属结构安装的要素组成及其安装工艺分析(张元)
- 191 水利水电施工管理的创新策略探析(薛天野)

- 193 建筑钢结构施工技术与质量控制研究(张旭旺)
- 195 双层采空区建筑地基基础处理措施研究(吕洋)
- 197 人防工程管孔防护密闭封堵新型材料及施工技术研究
(潘峰,马小娇,毕晶晶,解峰)
- 199 高速公路省道跨线桥现浇箱梁支架施工(李有谋)
- 201 盐碱地园林绿化施工技术的相关分析(冯吉)
- 203 大坝填筑施工管理措施及冬季填筑施工措施(柴思敏)

工程项目管理

- 205 Excel在工程造价中的应用(李程航)
- 207 建设工程项目现场施工管理对土建造价的影响
(贾颜培,吴迪,牟照欣)
- 209 建设工程项目合同管理中存在的问题和对策研究(刘家希)
- 211 10kV变电站施工过程中的质量管理和控制措施分析(马涛)
- 213 城市级公共停车场PPP项目在实操中的关键点探讨(王世刚)
- 217 探究铁路站房钢结构施工质量控制要点(陈继)
- 219 新时期房地产项目财务评价编制特点探讨(徐翼)
- 221 基于流程优化设计的装配式建筑施工危险源辨识与管理研究
(陈海军,周征)
- 223 新时代背景下建筑工程现场管理模式的创新应用(李炳玉)
- 225 如何加强道路桥梁建设施工技术管理分析(杨跃,何俞霖,杨娜)
- 227 合肥市城区土地定级和基准地价评估的研究(甄晓蔚,钟婕)
- 229 市政热力管道施工中的质量控制与管理研究(万永贵)
- 231 污水处理PPP项目初始定价及动态调价机制研究
(杨晓峰,杨道明,邵易明,李兴佳)
- 235 复杂海况环境桥梁施工合同风险识别与控制(王林)
- 238 市政道路桥梁工程的施工管理及施工探究(蒋杰)
- 240 水利水电工程的造价管理特点与对策(张秀贤)
- 242 公路工程水泥混凝土质量管控措施研究(韩文抢)

智能与信息化

- 244 车载激光雷达测量技术在铁路既有复测中的应用(刘长瑞)
- 247 机载LiDAR航空摄影测量在三维建模中的应用分析(刘华章)
- 249 BIM技术在铁路四电工程全生命周期中的应用(鲁敏)
- 251 GIS空间数据处理技术在地图制图中的应用(张菁苒)
- 253 基于LED的智能照明节能控制系统设计(晋江辉)
- 255 人工智能技术在大数据网络安全防御中的应用(凌婧)

Forum

- 1 Development and Achievements of Environmental Protection in China (QIE Jiang-hua WANG Cong-cong)
- 5 Discussion on Investment and Development Trend of Ecological Environment Protection in China(QIE Jiang-hua WANG Cong-cong)
- 8 Analysis of 2019 Atmospheric Environment Monitoring Data in China (QIE Jiang-hua TANG Wei)

Architectural and Structural Design

- 9 Structural Design of Shear Wall of a Super High-Rise Building (YANG Sheng-zhi, FENG Jian)
- 11 Discussion on the Interlayer Design Method of Frame Structure (GAO Pei-wen, PANG Chen-jun)
- 13 Research on the Thermal Structure of Passive Wall Based on 3D Printing (ZHANG Bao-quan, NING Wen-jun, WEI Yan-ling, WU Chen, HUANG Shi-yan)
- 16 New Urbanization Characteristics and Paths of Mixed Urban and Rural Areas (LUO Wen-biao)
- 19 Discussion on the Calculation of Overall Stability of Bending Steel Beams (HAN Zhong-liang)
- 21 Discussion on the Design of Automatic Water Fire-Extinguishing System in Class C Plant(RAN Fei-ya)
- 23 The Application of Reinforcement Design and Reinforcement Construction Technology for Building Structures(PU Shao-wu)
- 25 Anti-Floating Design for the Underground Structure of the Building (YANG Shi-you)
- 27 Common Problems and Analysis of Structural Discipline in Construction Drawing Review(ZHANG Feng)
- 29 A Study on the Evolution and Styles of Salt Merchants' Garden in Yangzhou in the Qing Dynasty(YU Wei-li)
- 32 The Transformation from Black Gold to Blue Diamond(CHENG Tang-ming)
- 34 Research on Architectural Design of Primary and Secondary Schools(YANG Jian)
- 36 Research on Fire Control Design in Oil Depot Construction(CHAO Jun-xiao)
- 38 Preliminary Study on the Rural Revitalization Planning Under the System of Land Space Planning(HE Wen-qian)
- 40 Single-Built Underground Garage Design(WANG Xin)
- 42 Analysis on the Application of Optimization Technology in the Design of Building Structure(ZHAO Zhi-qiang)
- 44 Analysis of the Relationship Between Urban Planning, Urban Design and Architectural Design(CHEN Jian, ZHANG Yan)
- 46 Control Points of Construction Drawing Matched with Hardcover Design of Residential Building(XIAO Sha-sha)
- 48 Design Method of Assembling Node of Prefabricated Component of Prefabricated Concrete Frame Structure(SHAO Ming-lu)

Engineering Design of the Ground

- 50 Construction Quality Control of Super-Long Bored Piles in Complex Strata in the Middle and Lower Reaches of the Yangtze River(LIU Yong-hong)
- 54 Analysis of the Characteristics and Genesis Mechanism of High-Level Landslide in Xishan Village in High-Intensity Earthquake Area (ZHANG Jian-yong, MA Hong-sheng, OUYANG Chao-jun)
- 56 Study on the Effect of GS Soil Stabilizer on the Mechanical Properties of Reinforced Soils of Soft Soil Foundation(ZHANG Shen-yi, KANG Ming, HU Jia-dong)
- 59 Study on the Application of Pipe Pile in Foundation Pit Support in Deep Sand Layer(ZHANG Yao-hua)
- 61 Application Analysis of Two Kinds of Fracturing Trucks in Shale Gas Development(LIN Lei)
- 63 Discussion on the List of Safety Accidents Potential Risks Identification in Geological Engineering(WANG Zheng-hao, SI Gong)
- 65 Design Problems and Solutions of Deep Foundation Pit Support in

- Geotechnical Engineering(WANG Wen-yue)
- 67 The Influence of Hydrogeological Factors on Geological Disasters (LI Rang, ZHANG Jun-kai)
- 69 Application and Optimization Analysis of Cement Mixing Pile in Urban Road Soft Foundation Treatment(ZHENG Zhong-run)
- 71 Discussion on the Application of Acoustic Wave Transmission Method in the Quality Inspection of Pile Foundation(XU Zeng)
- 73 Construction Treatment Measures of Soft Soil Foundation in Road and Bridge Engineering(XU Guang-ze)
- 75 Discussion on the Position and Content of Hydrogeological Investigation in Geotechnical Engineering Investigation(CAO Yan)
- 77 Mechanism and Prevention Measures of Karst Ground Collapse in a Certain Area(LAN Bing)
- 79 Deformation Control of Silty Soft Soil Foundation Pit Excavation(ZHOU Ge-jun)

Public Utilities Design

- 81 Study on the Energy Saving of Heat Exchanger Station in Central Heating System(LIU Ya-peng)
- 83 Research on Safety Technology Detection Method of Electrical Test Engineering(QU Ying-jian)
- 85 Research on Advantages and Anti-Interference Measures of Microcomputer Relay Protection(SHEN Kai)
- 87 The Causes and Solutions of Power System Relay Protection Instability (LIU Ming)
- 89 The Difference Between Chinese Standard and American Standard of Power Transformer Relay Protection(REN Lei)

Municipal · Traffic · Water Resources Engineering Design

- 91 Research on Defect Treatment Technology of Cutting Lining by Arch Waterproof Board of High-Speed Railway Tunnel(FAN Yong-jie)
- 95 Causes Analysis of Leakage in Buxi Hydropower Station(LI Wei)
- 98 Estimation of the Through Error of Subway Tunnel by Using Different Traverse Measurement Methods(CAO Qi)
- 100 Design and Analysis of Sand Bar for Debris Flow Control Project in Yecheng County(HAO Jian-qun, TAN Liang)
- 102 Force Analysis of Substructure and Dynamic Characteristics Study on Urban Interchange Ramp Bridge Based on PRC-Eccentric-Piers(HUANG Liang)
- 104 Three-Dimensional Finite Element Review Analysis of Lock Chamber in Sluice Safety Evaluation(GUO Shu-hua, WANG Jiang)
- 106 Development of Assembled Highway Barriers of Median Opening (TENG Yu-lu, WANG Dong-min)
- 108 Some Considerations on Fine Municipal Road Design(HE Chong-yu)
- 110 Exploration on the Construction of Waterfront Ecological Landscape and Green Infrastructure in Central City of Zibo(WANG Qing-hua, FANG Rong)
- 112 Drainage and Protection Design of Waste Dump in Mountainous Expressway (CHENG Jian, TANG Wen-guang)
- 114 Study on the Influence of Subway Tunnel Under Pass the Existing Line on the Deformation of Line Structure(GE Zhong-kui, JIANG Chun-jian)
- 116 Safety Evaluation of Composite Beam Cable-Stayed Bridge Based on Data Analysis of Structural Safety Monitoring System(GUO Shu-feng, WANG Tong, YAO Shi-qian)
- 118 Analysis of Related Problems in Highway Engineering Design(LIU Cui-ping)
- 120 Discussion on Culvert Splicing in the Reconstruction of Highway(SUN Ke)
- 122 Research on Rural Highway Construction Under the Background of Rural Revitalization Strategy(QI Zhi-long)
- 124 Research on Improvement and Application of Railway Electrical Equipment Resume System(WU Chun-bo, ZHANG Zhong-bin, ZHANG Yan)
- 126 Research on the Operation and Maintenance Status and Development of High-Speed EMU(LI Sheng-tao)
- 128 Analysis of Railway Vehicle Emergency Command Information System (SHEN Hai-wei)

- 130 The Optimal Design of Urban Road Intersection(LI Wei)
 132 Discussion on Key Issues in Structural Design of Water Conservancy Projects (LI Jin-fei)
 134 Stuck Machine Treatment Measures for Open TBM Crossing the Fault Zone (YANG Gang)

Industrial Engineering Design

- 136 The Design of the Radome Used the Low Pressure and Spring Loaded Safety Valve(MENG Xiang-jun, LI Wen-feng, ZHANG Xiao-fei, LIU Yi)
 138 Research on 3D Top-Down Design Method of Test Equipment Based on NX (YANG Bo, LYU Song, WANG Xiao-meng, SHEN Yue)
 140 Preliminary Investigation of HFO Packaged Power Station for Temporary Power Supply in Overseas Projects(WU Ji-ying)
 143 Research on the Measurement Technology of Small Heat Flux(LI Wen-feng, MENG Xiang-jun, ZHANG Xiao-fei, LU Chao)
 145 Research and Application of Special Portable Vehicle Bag Filter(HU Bing)
 147 Research on Piezoresistor Welding Process of Nickel-Based Alloy Grid Spring(LI Tao, SHENG Guo-fu, GUO Rui-yan)
 149 The Stress Research of Pipeline Under Internal Pressure Based on Finite Element Method(ZHANG Guang-yuan, SHENG Xiao-ming)
 152 Methods of Solution Reprocessing for Polarizer Production(XU Nan)
 154 A Study on Hybrid Power Supply with Wind-Solar and Diesel Engines (ZHENG Hao-xuan, JIANG Yi)
 156 Design Method for the Treatment of Wastewater Containing Fluoride and Ammonium in Nuclear Industry(SHANG Gai-bin)
 158 The Application of Diaphragm Pump on Offshore Oil and Gas Platform (GUO Ming-yue)
 160 Analysis of the Maintenance and Management of Mechanical Equipment in Power Plant(HU Peng)

Environment Engineering Design

- 162 Study on Labeling Recovery of Sampling in Hot Site of in-Situ Thermal Restoration(LIU Hao, WANG Jing, ZHANG Feng)
 166 Evaluation of the Impact of Groundwater Exploitation in DST Water Source Area on Environmental Geology(WANG Zhu-he)
 168 Design of the Upgrading and Reconstruction for Pre-Standard V Sewage Treatment Plant in Cold Area of North Shanxi Province(XUE Hui-jun)
 170 Discussion on the Waste Heat Utilization and Application of Flue Gas in Thermal Power Plant(LI Yun-jun)
 172 Principle Analysis of SNCR Denitration Process in the Boiler of Power Station(LI Zhi-wen)
 174 Analysis of Prestress Design and Construction Practice of Regulation Pool in Sewage Treatment Plant(ZHU Xiao-ming)

Construction Technology

- 176 Research on the Application of Strengthening Construction Techniques for Concrete Structures(LI Xin-ming)
 178 Experimental Study on the Permeability of Cement Mixed Soil (ZHAO Wen-wen, WANG Sheng-nian)
 181 Analysis of Construction Technology and Quality Control of Prefabricated Concrete Project(SHI Jun-feng, WANG Xiao-ming, YU Xiang-feng)
 183 Discussion on Construction Technology of Steel Casing with Bottom(LIU Yu)
 185 The Application of Prestress Technology in Bridge Construction (HU Zhong-chuan)
 187 The Application of Reinforcement Technology in Concrete Structure Treatment (XU Qing-he)
 189 Analysis of the Elements Composition and Installation Technology of Hydraulic Metal Structure(ZHANG Yuan)
 191 Discussion on the Innovative Strategy of Water Conservancy and Hydropower Construction Management(XUE Tian-ye)
 193 Research on the Construction Technology and Quality Control of Building Steel Structure(ZHANG Xu-wang)

- 195 Study on the Foundation Treatment Measures of Double-Layer Goaf Building (LV Yang)
 197 Research on the New Materials and Construction Technology of Pipe Hole Plugging and Sealing in Civil Air Defense Engineering(PAN Feng, MA Xiao-jiao, BI Jing-jing, XIE Feng)
 199 Support Construction for Cast-in-Situ Box Beam of Highway Provincial Road Bridge(LI You-mou)
 201 Analysis on the Construction Technology of Landscape Greening in Saline-Alkali Land(FENG Ji)
 203 Management Measures of Dam Filling and Construction in Winter and Rainy Season(CHAI Si-min)

Project Management

- 205 The Application of Excel in Engineering Cost(LI Cheng-hang)
 207 Influence of Site Construction Management of Construction Project on Civil Construction Cost(JIA Yan-pei, WU Di, MOU Zhao-xin)
 209 Research on Problems and Countermeasures in Contract Management of Construction Projects(LIU Jia-xi)
 211 Analysis of Quality Management and Control Measures During Construction of 10kV Substation(MA Tao)
 213 Discussion on the Key Points of PPP Project of Urban Public Parking Facilities in Practical Operation(WANG Shi-gang)
 217 Exploration on Key Points of Construction Quality Control of Steel Structure of Railway Station House(CHEN Ji)
 219 Discussion on the Characteristics of Real Estate Project Financial Evaluation in the New Period(XU Yi)
 221 Identification and Management of Hazard Sources in Assembly Building Construction Based on Process Optimization Design(CHEN Hai-jun, ZHOU Zheng)
 223 The Innovative Application of Construction Site Management Mode in the New Era(LI Bing-yu)
 225 How to Strengthen the Construction Technology Management of Road and Bridge Construction(YANG Yue, HE Yu-lin, YANG Na)
 227 Research on Land Grading and Benchmark Land Price Evaluation in Hefei City(ZHEN Xiao-wei, ZHONG Jie)
 229 Research on Quality Control and Management in Construction of Municipal Thermal Pipeline(WAN Yong-gui)
 231 Preliminary Analysis on the Initial Pricing and Dynamic Price Adjustment Mechanism of PPP Sewage Treatment Projects(YANG Xiao-feng, YANG Dao-ming, SHAO Yi-ming, LI Xing-jia)
 235 Contract Risk Identification and Control of Bridge Construction in Complex Sea Conditions(WANG Lin)
 238 Construction Management and Construction Inquiry of Municipal Road and Bridge Engineering(JIANG Jie)
 240 Cost Management Characteristics of Water Conservancy and Hydropower Projects and the Countermeasures(ZHANG Xiu-xian)
 242 Study on the Control Measures of the Quality and Control of Cement Concrete in Highway Engineering(HAN Wen-qiang)

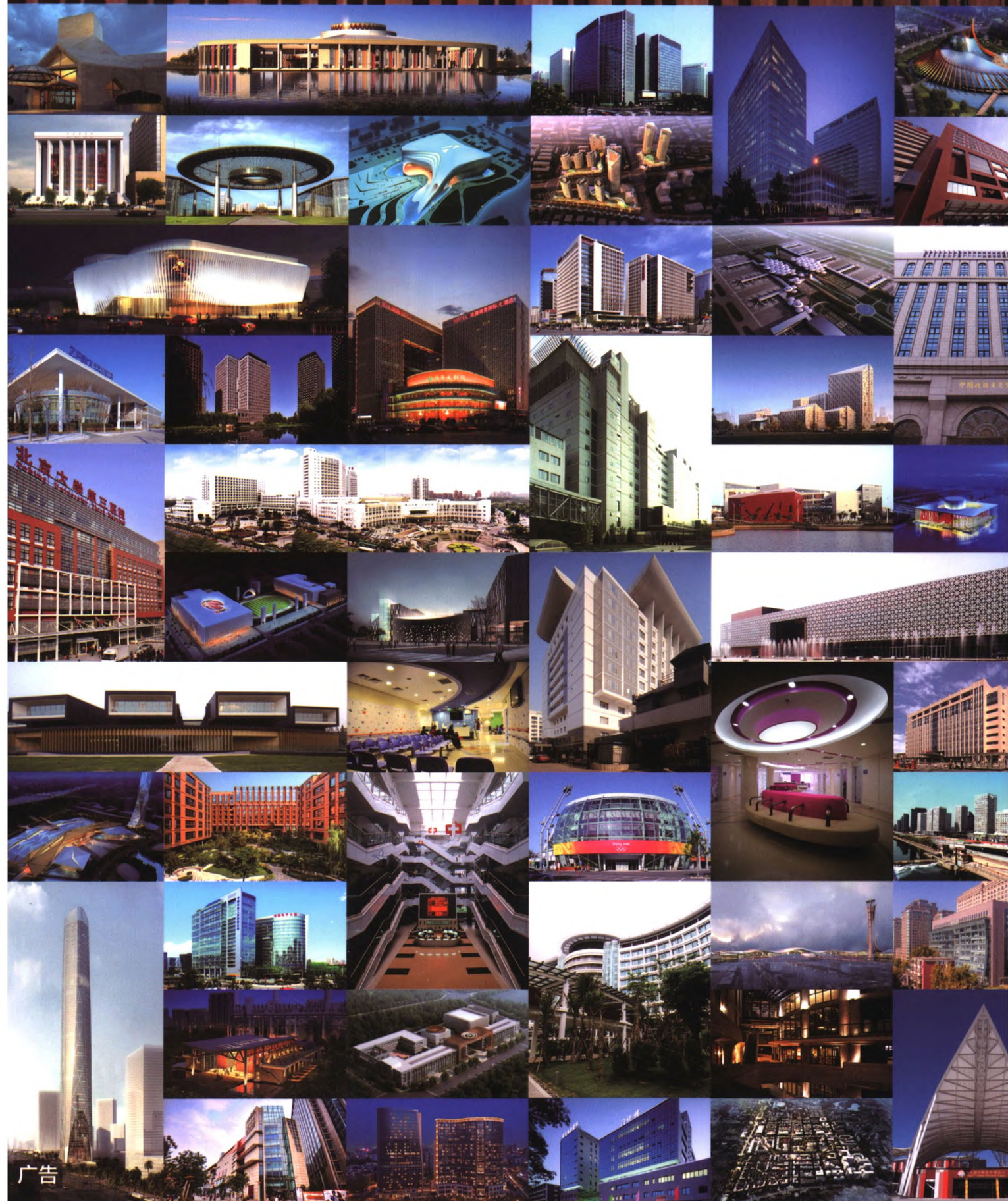
Intelligentize and Informatization

- 244 The Application of on-Board Lidar Measurement Technology in Re-Survey of Railway Existing Lines(LIU Chang-rui)
 247 Application Analysis of the Airborne LiDAR Aerial Photogrammetry in 3D Modeling(LIU Hua-zhang)
 249 The Application of BIM Technology in the Whole Life Cycle of Railway Four-Power Projects(LU Min)
 251 The Application of GIS Spatial Data Processing Technology in Map Drawing (ZHANG Jing-yi)
 253 Design of Energy Saving Control System of Intelligent Lighting Based on LED(JIN Jiang-hui)
 255 The Application of Artificial Intelligence Technology in Big Data Network Security Defense(LING Jing)



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.net