



# 建筑经济

## CONSTRUCTION ECONOMY

2021

牛年大吉

2021 农历辛丑年

ISSN 1002-851X



9 771002 851211



万方数据

# 目次

## 行业发展研究

工程勘察设计企业增收节支的路径思考 ..... 张伟斌, 晏远东, 蒋雪 (05)

我国装配式建筑技术热点及创新趋势研究

——基于专利语义分析方法 ..... 王腊银, 赵东 (09)

可持续发展战略下绿色技术在建筑施工中的应用 ..... 石晓宇, 王巍 (15)

新收入准则在建筑业的应用和影响研究

——以中国铁建为例 ..... 孟亚茹 (19)

以设计主导的全过程工程咨询探讨 ..... 冯建明, 王健 (23)

## 项目管理

全过程工程咨询项目的组织结构及其控制体系构建研究

..... 严玲, 张亚琦, 汤建东 (28)

联营体模式下境外EPC项目组织结构研究

——以拉合尔轨道交通橙线项目为例 ..... 熊彬臣 (35)

工期展延分析技术应用情况及建议 ..... 余春宜, 袁竟峰, 徐伟 (39)

装配式公租房施工管理阶段BIM技术的应用研究 ..... 王桂玲 (43)

基于政策文件的工程总承包商选择研究 ..... 邓娇娇, 周祎 (48)

## PPP研究

澳大利亚PPP模式的特点及经验借鉴 ..... 李卓君 (53)

PPP项目全过程风险管理问题与对策

——以LY建设集团为例 ..... 臧健 (57)

PPP产业投资基金在地铁项目中的运作管理研究

——以青岛城市发展1号线基金为例 ..... 崔晓艳, 张蛟, 杨凯旋 (62)

# 目 次

基于项目贷的PPP项目资产证券化决策要素分析 ..... 常吉栋 ( 66 )

## 境外PPP项目全过程造价管理研究

——以阿联酋围海造地工程PPP项目为例 ..... 黄玉银 ( 69 )

## 造 价 管 理

工程造价市场化改革下定额的再认识与建议 ..... 文上勇, 张继钢 ( 74 )

工期延长导致的施工方资金利息损失的索赔计算方案研究 ..... 吴经纬 ( 77 )

## 基 于 BIM 技术的电力工程造价控制方法

..... 徐明忻, 刘宏扬, 赵树野, 郑凯, 张薇 ( 83 )

## 老 旧 小 区 改 造

### 老旧小区改造盈利模式的市场化探索

——以北京市J社区为例 ..... 单爽, 李嘉珣 ( 88 )

老旧小区改造潜力测算与更新方案决策研究 ..... 李奕锜, 潘雨红 ( 92 )

### 旧居住区适老化改造实证研究

——以浙江省舟山市蓬莱住区为例 ..... 应佐萍, 桑轶菲, 陈丽娜 ( 97 )

## 研 究 探 索

装配式混凝土建筑物化阶段碳足迹评价研究 ..... 李静, 刘胜男 ( 101 )

融入碳交易的公共建筑EPC项目运作模式设计及应用 ..... 苏亚欣 ( 106 )

### 基 于 适 应 性 循 环 模 型 的 装 配 式 建 筑 演 化 分 析

..... 王凯, 毕文珂, 梁建楠 ( 112 )

### 双 重 价 值 视 角 下 绿 色 建 筑 认 证 对 居 民 住 房 租 赁 意 愿 的 影 响 研 究

..... 陈立文, 王静, 赵士雯 ( 116 )

## 《建筑经济》 投 稿 方 式

登录《建筑经济》网站<http://www.coneco.com.cn>, 在网上投稿系统注册后按提示递交稿件。

为保证您的稿件能及时按程序审校、回复, 请尽量使用网上投稿系统规范投稿。

# CONTENTS

## Industry Development Research

Thinking about the Way of Increasing Revenue and Reducing Expenditure in Engineering Investigation and Design Enterprises .....	ZHANG Weibin, YAN Yuandong, JIANG Xue(05)
Research on Hotspots and Innovation Trend of Prefabricated Construction Technology in China .....	WANG Layin, ZHAO Dong(09)
Application of Green Technology in Building Construction under Sustainable Development Strategy .....	SHI Xiaoyu, WANG Wei(15)
Research on the Application and Influence of New Income Standard in Construction Industry.....	MENG Yaru(19)
Discussion on Whole Process Engineering Consultation Guided by Design.....	FENG Jianming, WANG Jian(23)

## Project Management

Research on Organization Structure and Control System Construction of Life Cycle Engineering Consulting Project .....	YAN Ling, ZHANG Yaqi, TANG Jiandong(28)
Research on Organizational Structure of Overseas EPC Project under Joint Venture Model .....	XIONG Binchen(35)
Application of the Techniques of Extension of Time in Construction and Suggestions .....	YU Chunyi, YUAN Jingfeng, XU Wei(39)
Application Research of BIM Technology in Construction Management Stage of Prefabricated Public Rental Housing .....	WANG Guiling(43)
Research on the Selection of General Engineering Contractor Based on Policy Documents .....	DENG Jiaojiao, ZHOU Yi(48)

## PPP Research

The Characteristics and Experiences of PPP in Australia.....	LI Zhuojun(53)
Problems and Countermeasures of Risk Management in the Whole Process of PPP Project .....	ZANG Jian(57)
Research on Operation and Management of PPP Industry Investment Fund in Metro Project .....	CUI Xiaoyan, ZHANG Jiao, YANG Kaixuan(62)
Analysis of Decision-making Elements of PPP Project Asset Securitization Based on Project Loan .....	CHANG Jidong(66)
Research on the Whole Process Cost Control of Overseas PPP Project .....	HUANG Yuyin(69)

## Cost Management

Re-recognize and Suggestions about the Quota Based on the Market Reform of Construction Cost .....	WEN Shangyong, ZHANG Jigang(74)
Research on the Claim Calculation Scheme for the Interest Loss of Construction Company's Capital Caused by the Extension of Construction Period .....	WU Jingwei(77)
Power Engineering Cost Control Method Based on BIM Technology .....	XU Mingxin, LIU Hongyang, ZHAO Shuye, ZHENG Kai, ZHANG Wei(83)

## Renovation of Old Residential Area

Market Oriented Exploration on the Profit Model of the Old Community Reconstruction .....	SHAN Shuang, LI Jiaxun(88)
Research on Renovation Potential Calculation and Renewal Scheme Determination of Old Residential Quarters .....	LI Yiqi, PAN Yuhong(92)
Empirical Research on Renovation of Old Residential Area Suitable for Aging .....	YING Zuoping, SANG Yifei, CHEN Lina(97)

## Research and Exploration

Research on Carbon Footprint Assessment of Prefabricated Concrete in Building Stage .....	LI Jing, LIU Shengnan(101)
Design and Application of Public Building EPC Project Operation Model Integrated with Carbon Trading .....	SU Yaxin(106)
Evolutionary Analysis of Prefabricated Buildings Based on Adaptive Cycle Model .....	WANG Kai, BI Wenke, LIANG Jiannan(112)
Research on the Influence of Green Building Certification on Housing Rental Intention of Residents from the Perspective of Dual Value .....	CHEN Liwen, WANG Jing, ZHAO Shiwen(116)