



ISSN 1671-1807
CN 11-4671/T

科技和产业

Science Technology and Industry

2022年 第22卷 第6期 总第247期 (月刊) (2022 No.6 Vol. 22 Total 247)

科技和产业

第二十二卷

第六期

二〇二二年



中国技术经济学会 主办
Chinese Society of Technology Economics

6
2022

目 次

中国省域数字经济内涵及水平测度研究	芮小明, 郑 锐, 黄 森(1)
科技创新对推动产业发展的实证研究 ——基于“十三五”时期省级面板数据	谯 勤, 韩家升(6)
京津冀区域能源环境利用效率及影响因素分析 ... 吕 晨, 谢日古丽·麦合木提, 张子霄(11)	
农村居民生活垃圾处理中的亲环境行为研究 ——以河南省文留镇为例	高 原, 韩 芳(18)
悖论式领导对团队创新的作用述评与展望	谢芷珺(26)
产业共性技术创新失败的公共资本后补偿策略	张 帆, 刘生学, 狄 鹏, 叶建木, 喻 潘(31)
湖南省各地级市科技创新效率评价及影响因素分析	周筱扬, 左国存(38)
基于模糊综合评价的传统村落文化价值重构 ——以新平堡村为例	张子涵, 赵梦霞, 孙添柯, 牛俊杰(43)
专利申请预审机制现状探讨及建议 ... 程秀才(50)	
基于 CiteSpace 的城市轨道交通 PPP 模式研究发展 分析 黄悦琳, 林梅兰, 黄 意, 温明明(55)	
北京市农村电商模式研究 ... 刘镇玮, 何忠伟(64)	
碳中和背景下基于企业转型的氢储能经济分析	李 争, 罗晓瑞, 徐若思, 曹 欣, 杜深慧, 孙鹤旭(70)
基于文献计量学的中国邮轮旅游研究回顾与展望	王 嵩, 宋丹瑛(77)
价值共创视角下体育非物质文化遗产与旅游资源融合 研究 胡宏东, 邹 愿, 张宇琪, 傅馨平(84)	
上海自贸试验区新片区建设全球领先的跨国技术 合作聚集区研究 范 涛(90)	
北京市垃圾分类宣传对居民垃圾分类态度及意愿 的影响研究 彭迪雅, 吕 晨(97)	
电网代理购电业务方法及对电网经营影响探究	杨 娜, 朱刘柱, 王 宝, 刘 丽, 黄 霞, 戴晓娟, 吴 凯, 陈雨果(104)
高校常态化疫情防控策略研究	李 媛, 魏述和(109)
基于价值工程-层次分析的评标方法在撬装设备 招标采购中的应用探讨 李 籍(114)	
基于概率分布的犹豫模糊集多属性群决策法及应用	李泽欣, 李梦潇, 黄丽霞(118)
大型国有企业产学研合作现状及发展建议	盛依依, 张丽平, 杨学萍, 曹 君(122)
基于国家自然科学基金项目的海南省基础科学 研究现状调查 吴沛丰(126)	
基于 AHP 泰州市创新型企业自主创新影响因素 研究 吴玲霞(132)	
基于物元可拓的军地协同处置重大突发事件应急 管理能力评价 王松江, 肖秋月(137)	
排污许可证管理类别规律分析及查询软件设计思路	杨书月, 郑文龙, 金芳芳, 沈世总, 李 曼(145)
苏宁易购实施员工持股计划的绩效分析	伍 琳(150)
营商环境视域下巴州旅游知识产权保护研究	杨 丽(154)
地方政府债务对人地城镇化失衡的影响 ——基于空间杜宾模型的实证分析	孙 榕(159)
基于层次分析-熵权法的湖北省烟草商业系统科研 项目绩效评价体系研究	王宗军, 张马萍, 陶立祥, 陈 诗(163)

- 基于 CiteSpace 的创新联合体研究知识图谱分析 任立业, 赵绘存, 李小芬(170)
- 基于熵值法的电子商务发展水平测度与分析 王乐, 潘朝, 谈群(176)
- 普惠金融领域的研究热点及未来趋势 蒲小彤, 王洪生, 姚传喜, 夏群(183)
- 基于布林带的贵阳银行股票量化投资策略研究 李强, 陈衍姣(189)
- 装配式建筑项目关键成功因素研究 张广泰, 魏佳, 何彬, 李同(194)
- 国内科技创新券政策综述及建议 张冰璇, 崔晓蓓, 王德强(200)
- 共享单车生态系统的动态演化分析 邢丹丹, 李存金(204)
- 山西省康养旅游地空间布局及其优化研究 于琳惠, 李晋宏, 陈娅婷(208)
- 基于高不确定的国家重大科技项目管理研究
——以重大新药创制科技重大专项为例 陆晓敏, 茅宁莹(217)
- GPS 在交通运输中应用的研究现状与热点
——基于 CiteSpace 的可视化分析 宋艳波, 何捷(226)
- 四川省科技创新效率及其创新生产率变动分析
——基于 SBM-Malmquist 模型 苟晨阳, 李天宇(232)
- 新疆区域创新能力与产业结构升级对区域经济增长的影响研究
——基于 VAR 模型 海日古丽·艾海提(238)
- 旅游休闲街区:概念、内涵与形成机制 莫彩云, 陆军(243)
- 烟草商业系统精益物流评价指标体系及分类评价
——以 H 省为例 王建树, 蔡玉凤, 田浩, 杨明, 彭喆(248)
- 国内工程管理硕士培养研究评述与展望
——基于 VOSviewer、CiteSpace 的可视化分析 曹琳剑, 丁慈(257)
- 基于供应商入侵的两级供应链批量博弈及决策 谢军, 谢菲, 易东波, 徐逸钊(264)
- 基于 NB-IoT 的机场用电采集与智能运维提升研究 刘洋, 王剑(271)
- 吸声材料在变频发电机组噪声控制中的应用 严天雄, 刘进伟, 吴晓佳, 黄国鹏(277)
- 页岩气偏心水平井气侵期间岩屑运移数值模拟 姜瑞海, 崔云峰, 张晨, 陈勋(283)
- 管线下地下连续墙一幅三序二笼成槽施工技术 黄凯(290)
- 起落航线训练目视飞行下跑道容量评估 张林影(297)
- 基于现场监测位移的隧道围岩参数反演分析 赵亮, 毕钛俊(302)
- 数字文学网站与网络作家签约类型及时限的确定方法探析 陈峰, 包宏烈, 夏恩君(307)
- 城市服务设施更新对房价异质性作用研究
——以成都市为例 李晨阳, 梁娟珠(315)
- 基于 BIM 技术信息转换对建筑施工的编排优化及成本控制 阳芬, 罗迎社, 欧阳春生, 涂宇, 卢迎, 肖敏, 王威, 邓宇龙, 丁科(321)
- 基于 J 积分的复合型疲劳裂纹扩展分析 吴鹏飞, 杨邦成(326)
- 近 10 年漓江干流水量水质分析及污染物通量估算 施文飞, 陈俊鸿, 赵振鑫, 翟婷(334)
- 产业数字化创新:成品油零售的服务设计系统研究 张劲松, 廖海进, 张劲佳(343)
- 新型聚结除油器在南海油气田生产水系统中的应用 秦逸涵, 胡斌, 宫景雯, 矫亚涛(350)
- CUSUM 与休哈特控制图在路面施工质量控制中的应用 徐志勇, 张宗兵, 陈刚, 王云, 杨雄伟(355)

CONTENTS

Research on the Connotation and level Measurement of Provincial Digital Economy in China

..... GUO Xiaoming, ZHENG Qie, HUANG Sen(5)

An Empirical Study on Technology Innovation to Promote Industrial Development: Based on province' panel data during the 13th Five-Year Plan period

..... QIAO Qin, HAN Jiasheng(10)

Analysis on Energy Environment Utilization Efficiency and Influencing Factors in Beijing Tianjin Hebei Region

..... LYU Chen,

Xieriguli Maihemuti, ZHANG Zixiao(17)

Study on Pro-environmental Behavior of Rural Residents in Domestic Waste Treatment: A case study of Wennliu Town in Henan Province

..... GAO Yuan, HAN Fang(25)

The Review and Prospect of the Effect of Paradoxical Leadership on Team Innovation

..... XIE Zhijun(30)

Post-compensation Strategy for Public Capital in Industrial

Generic Technological Innovation Failure

... ZHANG Fan,

LIU Shengxue, DI Peng, YE Jianmu, YU Xiao(37)

Analysis on the Efficiency Evaluation and Influencing Factors of Scientific and Technological Innovation in Hunan Province

..... ZHOU Xiaoyang, ZUO Guocun(42)

Reconstruction of Traditional Villages' Cultural Value Based on Fuzzy Comprehensive Evaluation: Taking Xinpingpu Village as an example

..... ZHANG Zihan,

ZHAO Mengxia, SUN Tianke, NIU Junjie(49)

Discussion and Suggestions on the Current Status of Patent Application Pre-examination Mechanism

..... CHENG Xiucui(54)

Analysis of Research Development on Urban Rail Transit PPP Mode Based on CiteSpace

..... HUANG Yuelin,

LIN Meilan, HUANG Yi, WEN Mingming(63)

Study on Rural E-commerce Model in Beijing

..... LIU Zhenwei, HE Zhongwei(69)

Economic Analysis of Hydrogen Energy Storage under the Background of Carbon Neutralization Based on Enterprise Transformation

..... LI Zheng, LUO Xiaorui,

XU Ruosi, CAO Xin, DU Shenhui, SUN Hexu(76)

Review and Prospect of Chinese Cruise Tourism Research Based on Bibliometrics

..... WANG Song, SONG Danying(83)

Research on the Integration of Sports Intangible Cultural Heritage and Tourism Resources from the Perspective of Value Co-creation

..... HU Hongdong,

ZOU Yuan, ZHANG Yuqi, FU Xinping(89)

Research on the New Area of Pilot Shanghai Free Trade Zone Building a Global Leader in Accumulation Area of Multinational Technical Cooperation

..... FAN Tao(96)

Research on the Influence of Waste Classification Publicity on Residents' Attitude and Willingness of Waste Classification in Beijing

..... BIN Diya, LYU Chen (103)

Study on the Method of Grid Agent Power Purchase and Its Influence on Power Grid Operation

..... YANG Na,

ZHU Liuzhu, WANG Bao, LIU Li,

HUANG Xia, DAI Xiaojuan, WU Kai, CHEN Yuguo(108)

Research on the Prevention and Control Strategy of Normalized Epidemic Situation in Colleges and Universities

..... LI Yan, WEI Shuhe(113)

The Application of Evaluation Method Based on VE-AHP to Skid-mounted Equipment Bidding

..... LI Ji(117)

Hesitant Fuzzy Linguistic Term Set A MAGDM Method and It Application

..... LI Zexin, LI Mengxiao, HUANG Lixia(121)

Present Situation and Development Suggestions of Large State-owned Enterprises ' Industry-university-research Cooperation

..... SHENG Yiyi,

ZHANG Liping, YANG Xueping, CAO Jun(125)

An Investigation on the Status of Basic Scientific Research in Hainan Province Based on the Data of National Natural Science Foundation of China

..... WU Peifeng(131)

Research on Influencing Factors of Independent Innovation of Innovative Enterprises in Taizhou Based on Analytic Hierarchy Process

..... WU Lingxia(136)

Emergency Management Capability Evaluation of Civil-military Cooperative Disposal of Major Emergencies Based on Matter-element Model

..... WANG Songjiang, XIAO Qiuyue(144)

Classification Law Analysis of the Management Category of Pollutant Discharge Permit and the Design Idea of Query Software

..... YANG Shuyue, ZHENG Wenlong,

JIN Fangfang, SHEN Shizong, LI Man(149)

Performance Analysis of Suning Tesco's Implementation of Employee Stock Ownership Plan

..... WU Lin(153)

The Protection of Tourism Intellectual Property in Bazhou from the Perspective of Business Environment

..... YANG Li(158)

The Impact of Local Government Debt on the Imbalance of Urbanization: An empirical analysis based on spatial Dubin model

..... SUN Rong(162)

- Research on Performance Evaluation Index System of Scientific Research Projects in Tobacco Industry in Hubei Province Based on Analytic Hierarchy Process Entropy Weight Method WANG Zongjun,
ZHANG Maping, TAO Lixiang, CHEN Shi(169)
- Knowledge Map Analysis of Innovation Consortium Research Based on CiteSpace REN Liye, ZHAO Huicun, LI Xiaofen(175)
- Measurement and Analysis of E-commerce Development Level Based on Entropy Value Method WANG Le, PAN Zhao, TAN Qun(182)
- Research Hotspots and Future Trends in the Field of Financial Inclusion PU Xiaotong,
WANG Hongsheng, YAO Chuanxi, XIA Qun(188)
- Research on Stock Quantitative Investment Strategy of Guiyang Bank Based on Bollinger Band LI Qiang, CHEN Yanjiao(193)
- Research on Critical Success Factors of Prefabricated Construction Project ZHANG Guangtai, WEI Jia, HE Bin, LI Tong(199)
- Review and Suggestions of Domestic S&T Innovation Voucher Policy ZHANG Bingxuan,
CUI Xiaobei, WANG Deqiang(203)
- Dynamic Evolution Analysis of Bike-sharing Ecosystem XING Dandan, LI Cunjin(207)
- Research on the Spatial Layout and Optimization of Wellness Tourism Destinations in Shanxi Province YU Linhui, LI Jinhong, CHEN Yating (216)
- Management of National Scientific Research Projects with High Uncertainty: Taking the new drug research and development in the major science and technology projects as an example LU Xiaomin, MAO Ningying(225)
- The Research Status and Hotspots of GPS Application in Transportation: Visual analysis based on CiteSpace SONG Yanbo, HE Jie(231)
- Analysis on the Efficiency and Productivity of Scientific and Technological Innovation in Sichuan Province: Based on SBM-Malmquist model GOU Chenyang, LI Tianyu(237)
- Research on the Impact of Regional Innovation Ability and Industrial Structure Upgrading on Regional Economic Growth in Xinjiang: Based on VAR model Hairiguli Aihaiti(242)
- Tourism Leisure Block: Concept, Connotation and Formation Mechanism MO Caiyun, LU Jun(247)
- The Lean Logistics Evaluation Index System and Classified Evaluation of Tobacco Commercial System: Taking H Province as an example WANG Jianshu,
CAI Yufeng, TIAN Hao, YANG Ming, PENG Zhe(256)
- Reviews and Prospects of Domestic Research on the Cultivation of Master of Engineering Management: Visual analysis based on VOSviewer and CiteSpace CAO Linjian, DING Ci(263)
- Batch Game and Decision of Two-tier Supply Chain Based on Supplier Encroachment XIE Jun, XIE Fei, YI Dongbo, XU Yizhao(270)
- Research on Airport Power Information Acquisition System and Intelligent Operation and Maintenance Improvement Based on NB-IoT LIU Yang, WANG Jian(276)
- Application of Sound Absorbing Material in Noise Control of Variable-frequency Generator Set YAN Tianxiong,
LIU Jinwei, WU Xiaojia, HUANG Guopeng(282)
- Numerical Simulation of Cuttings Transport during Gas Invasion in Eccentric Horizontal Wells of Shale Gas JIANG Ruihai,
CUI Yunfeng, ZHANG Chen, CHEN Xun(289)
- Construction Technology of A Three-sequence Two-cage Trough of Underground Diaphragm Wall Under Pipeline HUANG Kai(296)
- Runway Capacity Evaluation of Visual Flight Training ZHANG Linying(301)
- Inversion Analysis of Tunnel Surrounding Rock Parameters Based on Field Monitoring Displacement ZHAO Liang, BI Taijun(306)
- Method Exploration of Determining the Type and Time Limit of Contracting between Digital Literature Websites and Online Writers CHEN Feng, BAO Honglie, XIA Enjun(314)
- Study on the Impact of Urban Service Facilities Renewal on the Heterogeneity Housing Prices: Taking Chengdu City as an example LI Chenyang, LIANG Juanzhu(320)
- Rule Derivation and Cost Control of Building Construction Based on BIM Technology Information Conversion Reasoning YANG Fen, LUO Yingshe,
OUYANG Chunsheng, TU Yu, LU Ying,
XIAO Min, WANG Wei, DENG Yulong, DING Ke(325)
- Analysis of Mix-mode Fatigue Crack Growth Based on J-Integral WU Pengfei, YANG Bangcheng(333)
- Analysis of Water Quantity and Quality and Estimation of Pollutant Flux in the Main Stream of the Lijiang River in Recent 10 Years SHI Wenfei,
CHEN Junhong, ZHAO Zhenxin, ZHAI Ting(342)
- Industrial Digital Innovation: Research on Service Design System for Refined Oil Retail ZHANG Jinsong, LIAO Haijin, ZHANG Jinjia(349)
- Application of New Combined Coalescer in Produced Water System of Nanhai Oil and Gas Fields QIN Yihan,
HU Bin, GONG Jingwen, JIAO Yatao(354)
- Application of CUSUM and Shewhart Control Chart in the Quality Control of Pavement Construction XU Zhiyong, ZHANG Zongbing,
CHEN Gang, WANG Yun, YANG Xiongwei(360)