



ISSN 1671-1807
CN 11-4671/T

科技和产业

Science Technology and Industry

2022 年 第 22 卷 第 12 期 总第 253 期 (月刊) (2022 No.12 Vol. 22 Total 253)

ISSN 1671-1807



9 771671 180223



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

12
2022

目 次

区域间国防科技工业协同发展关系稳定性的影响因素分析	钟庭宽, 孔昭君(1)	风险规避零售商基于双向期权的采购管理	向林, 罗加蓉(114)
创新要素流动、空间溢出与经济增长	许志玉, 吴剑辉(10)	国内知识产权信息服务研究主题演化分析	张琳娜, 魏娟, 朱佳轩(122)
企业金融化对双元创新的影响:经济政策不确定性的调节效应	李丽辉, 温金燕(17)	技术就绪度在科技重大专项中期评估中的应用	罗思民, 彭海媛, 吴宏伟(128)
新能源装备智能制造协同演化研究	李颖辉, 李宝虹, 宋鹏(26)	东道国基础设施质量对中国进出口贸易的影响	——基于“一带一路”沿线 51 个国家的实证分析
精神型领导研究的历史溯源、演进脉络及趋势	崔遵康, 季小童, 赵莉, 许爽, 刘园园(37)	赵维, 胡颖(133)	
绿色信贷对绿色技术创新效率的影响	赵公民, 孔婷婷(47)	环境规制对南通市制造业绿色技术创新能力的影响效应	叶爱山, 邓洋阳, 甘颖恒(138)
高校财务信息化与智能化应用研究	林紫叶(53)	石墨烯电热膜刮膜影响因素与响应机构的研究	王基圆, 房灵申, 李天文(143)
“双碳”目标下广东低碳发展的技术路径	王增栩, 张佳銮, 李金惠(57)	媒体关注如何影响企业研发投入?	朱佩(148)
“双碳”背景下饲料行业企业 ESG 体系研究	沈志刚, 杨图南(63)	长江经济带文化与旅游产业协调发展及其影响因素研究	宁川川(154)
传统产业数字化转型实现高质量发展的问题、路径与对策	翁士增, 朱利新, 翁梓瑜(68)	基于云 POS 的中小零售企业互联网融合营销探索与实践	朱行浩, 陈啸, 程诚(159)
研发费用加计扣除政策对半导体企业技术创新的影响研究	瞿华君, 卿玲丽(75)	谈判势力与中间品关税政策研究	龙剑军(163)
生产性服务业 FDI 对制造业效率影响研究	——基于信息基础建设的调节效应	制造企业服务化转型:服务化悖论归因与平台化策略	边云岗, 樊建峰(172)
王霞, 郭楚云(80)	5Gn 全域多功能智慧庭审系统在诉讼案件中的实践应用	边防, 周莹, 顾秋辰, 胡正欣(180)	
人口老龄化、储蓄对经济增长的影响	——基于系统 GMM 与门槛模型的实证分析	相变原理在食品创新中的应用	孙雪菁, 冯林, 王美霞, 秦姝悦, 孙蕾蕾, 岳喜典, 李明波, 赵玉平(186)
陈勇智, 孟玲敏, 张琼(88)	员工工作满意度影响因素研究	——以集成电路企业为例	彭博达, 王岑岚(190)
市场导向的绿色国防科技创新体系机理与路径研究	赵紫佳, 曾立(93)	内部控制、法制水平与实体企业金融化	——基于 2011—2020 年沪深 A 股制造业上市公司经验数据
刘炎(101)	代文静, 李谦(199)		
驳气味商标不宜保护论	张露, 张建成(109)	I	

报酬递增视角下产业集群迂回生产与知识积累的作用机制研究

——以河北省安平丝网为例

..... 左婉莹, 刘文超, 张靳雪(205)

湖南省有色金属工业场地时空演变及其预测

..... 高宏杰, 杨 勇,

雷 梅, 杨 雪, 冯德坤, 万咏咏(213)

数据流通中基于数据信托模式的合作博弈模型研究

..... 邓 可(223)

基于 IPA 方法的江西省主要产业发展态势及对策

..... 谢冬明, 梁鸿婷, 郭子薇, 刘铉茹,

汤欣茹, 刘 丹, 王韵韵, 张春琴, 周建梅(228)

垃圾处理设施对住宅价格影响的 Meta 分析

..... 王天奇, 白玲玲(236)

面向 2035 年中国青年科技人才培训机制研究

..... 韩彻驹, 张向前(243)

河北省科技型中小企业发展潜力影响因素研究

——基于结构方程模型

..... 赵艳霞, 李海华(249)

基于熵值法的广东省高等教育科研创新发展研究

..... 周 娜(254)

制造业企业参与工业互联网平台行为策略的演化博弈分析

..... 郭俊一, 吴丽娜, 张雪飞(258)

先进制造业与现代服务业融合发展与互动效应实证研究

——以镇江市为例

..... 李 琪, 吴继英(265)

基于熵权物元可拓模型的航班恢复决策评价

..... 罗凤娥, 付琦越, 陈阳怡(271)

承接产业转移示范区设立的产业结构转型效应研究

——基于皖江城市带的准自然实验

..... 查金平(276)

海洋强国战略视角下广东建设海洋经济强省的路径研究

..... 杜小坚,

刘 强, 杨伦庆, 朱坚真, 乔俊果(288)

基于建成区人口密度的徐州小城镇发展质量特征及其影响因素分析

..... 陈 晨, 渠爱雪(297)

基于机器学习的红酒质量分类研究

..... 裴文华(304)

中性岩质机制砂对沥青砂浆力学性能的影响研究

..... 卢 旭, 吴延凯, 陈 搏(310)

独居老人主观幸福感影响因素分析

——基于 CGSS 2017 年的数据

..... 高雅祺(316)

黑龙江省绿色经济高质量发展水平测度及差异分析

..... 石振武, 陈天奇, 梁宸晨(325)

旅游网络关注度研究现状及进展分析

..... 崔中良(331)

中国农业高质量发展研究热点及趋势

——基于 CiteSpace 的可视化分析

..... 王巧玲, 章羽涛, 欧阳耀树(338)

中国省域应急产业创新绩效的时空演化研究

..... 杨 超, 贾 伟(345)

临夏州康乐县全域旅游发展策略研究

..... 姚海娟, 连 华(351)

基于情感分析的新能源汽车用户评论语义网络分析

与主题建模

..... 张梦婷, 叶 楠, 范黄健(364)

城镇化背景下万年县人口空间分异研究

..... 龙永树(370)

关中平原城市群城市韧性测度分析

..... 包一帆, 陈 军(376)

基于灰色-ARIMA 耦合模型的中国发电量短期

预测

..... 周彬彬,

..... 黄嘉昕, 耿冉冉, 尹新然, 徐宝靖(382)

纤维在含砂压裂液中的悬砂性能评价

..... 宋时权,

..... 李继勇, 邵红云, 张贵玲, 夏凌燕(388)

不同开挖法对某隧道开挖的围岩稳定性分析

..... 彭杨有, 陶 伟,

..... 央金卓玛, 张 根, 代超强, 张 甫(394)

A 油田热采水平井出水机理及找水方法研究

..... 杜殿发, 王 钧,

..... 张根凯, 吴海江, 刘 鹏, 李昕睿(399)

地铁盾构下穿立体车库修建时序的影响分析

..... 宁德飚,

..... 刘 婷, 郭 峰, 肖 西, 余 健(406)

不同地板结构对建筑物节能防水性能提升研究

..... 夏艳波, 罗迎社(414)

总目次

(①)

CONTENTS

- Analysis on the Influencing Factors of the Stability of the Relationship among Regional Synergetic Development of National Defense Economy ZHONG Tingkuan, KONG Zhaojun(9)
- Flow of Innovation Elements, Spatial Spillover and Economic Growth XU Zhiyu, WU Jianhui(16)
- The Impact of Enterprise Financialization on Dual Innovation: the Moderating Effect of Economic Policy Uncertainty LI Lihui, WEN Jinyan(25)
- Research on Synergetic Evolution of Intelligent Manufacturing for New Energy Equipment LI Yinghui, LI Baohong, SONG Peng(36)
- The Historical Origin, Evolution and Trend of the Research on Spiritual Leadership: Visualcitation analysis based on HistCite CUI Zunkang, JI Xiaotong, ZHAO Li, XU Shuang, LIU Yuanyuan(46)
- The Impact of Green Credit on the Efficiency of Green Technology Innovation ZHAO Gongmin, KONG Tingting(52)
- Research on the Application of Financial Informatization and Intelligentization in Colleges and Universities LIN Ziye(56)
- Technology Path of Low Carbon Development in Guangdong under the Goal of Carbon Peaking and Carbon Neutrality WANG Zengxu, ZHANG Jialuan, Li Jinhui(62)
- Research on ESG System of Feed Industry Enterprises under Dual Carbon Background SHEN Zhigang, YANG Tunan(67)
- The Path Problems and Countermeasures of Realizing High Quality Development in Digital Transformation of Traditional Industry WENG Shizeng, ZHU Lixin, WENG Ziyu(74)
- A Study on the Effect of R&D Expense Add-on Deduction Policy on Technology Innovation of Semiconductor Firms QU Huajun, QING Lingli(79)
- Research on the Effect of Producer Service FDI on Manufacturing Efficiency: Moderating effects based on information infrastructure construction WANG Xia, GUO Chuyun(87)
- The Impact of Population Aging and Savings on Economic Growth: Empirical analysis based on system GMM and threshold model CHEN Yongzhi, MENG Lingmin, ZHANG Qiong(92)
- Research on the Mechanism and Path of Market-oriented Green Defense Technology Innovation System ZHAO Zijia, ZENG Li(100)
- On the Unsuitable Protection of the Trademark of Barge Smell LIU Yan(108)
- Research on the Dual-carbon Target Path of New Energy Vehicles ZHANG Lu, ZHANG Jiancheng(113)
- Risk-averse Retailers' Procurement Management Based on Two-way Options XIANG Lin, LUO Jiarong(121)
- Evolution Analysis of Domestic Intellectual Property Information Service Research Topics ZHANG Linna, WEI Juan, ZHU Jiaxuan(127)
- Application of Technology Readiness Level Method in Mid-term Evaluation of Significant Science and Technology Project LUO Simin, PENG Haiyuan, WU Hongwei(132)
- The Influence of Infrastructure Quality of Host Country on China's Import and Export Trade: Based on empirical analysis of 51 countries along the Belt and Road LI Wei, HU Ying(137)
- The Impact of Environmental Regulation on the Green Technology Innovation Ability of Nantong Manufacturing Industry YE Aishan, DENG Yangyang, GAN Yingheng(142)
- Study on the Influencing Factors and Response Mechanism of Graphene Electrothermal Film Scraping ... WANG Jiyuan, FANG Lingshen, LI Tianwen(147)
- How Does Media Attention Affect R&D Investment? ZHU Pei(153)
- Research on the Coordinated Development of Culture and Tourism Industry in the Yangtze River Economic Belt and Its Influencing Factors NING Chuanchuan(158)
- Exploration and Practice of Internet Integration Marketing for Small and Medium-sized Retail Enterprises Based on Cloud POS ZHU Xinghao, CHEN Xiao, CHENG Cheng(162)
- Bargaining Power and Tariff Policy of Intermediate Goods LONG Jianjun(171)
- Service Transformation of Manufacturing Enterprises: Attribution of Servitization Paradox and Platformization Strategy BIAN Yungang, FAN Jianfeng(179)
- Practical Application of 5Gn Comprehensively Multifunctional Intelligent Court Trial System in Litigation Cases BIAN Fang, ZHOU Ying, GU Qiuchen, HU Zhengxin(185)
- Application of Phase Change Principle in Food Innovation SUN Xuejing, FENG Lin, WANG Meixia, QIN Shuyue, SUN Leilei, YUE Xidian, LI Mingbo, ZHAO Yuping(189)
- Research on the Influencing Factors of Employees' Job Satisfaction: Taking integrated circuit enterprise as an example PENG Boda, WANG Cenlan(198)
- Internal Control, Legal Level and the Financialization of Entity Enterprises: Based on the empirical data of A-share manufacturing listed companies in Shanghai and Shenzhen from 2011 to 2020 DAI Wenjing, LI Qian(204)

- Research on the Mechanism of Roundabout Production and Knowledge Accumulation in Industrial Clusters from the Perspective of Increasing Returns: Taking Hebei Anping Wire Mesh as an example ZUO Wanying,
LIU Wenchao, ZHANG Jinxue(212)
- Spatial-temporal Evolution and Prediction of Nonferrous Metal Industrial Sites in Hunan Province GAO Hongjie, YANG Yong, LEI Mei,
YANG Xue, FENG Dekun, WAN Yongyong(222)
- Study on Cooperative Game Model Based on Data Trust Mode in Data Circulation DENG Ke(227)
- The Development Trend and Countermeasures of Main Industries Based on IPA Method in Jiangxi Province XIE Dongming, LIANG Hongting,
GUO Ziwei, LIU Xuanru, TANG Xinru, LIU Dan,
WANG Yunyun, ZHANG Chunqin, ZHOU Jianmei(235)
- Meta-analysis of the Impact of Waste Treatment Facilities on Residential Prices WANG Tianqi, BAI Lingling(242)
- Research on Training Mechanism of Young Scientific and Technological Talents in China for 2035 HAN Cheju, ZHANG Xiangqian(248)
- Research on the Influencing Factors of Development Potential of Science and Technology SMES in Hebei Province: Based on structural equation model ZHAO Yanxia, LI Haihua(253)
- Research on the Innovation and Development of Higher Education Scientific Research in Guangdong Province Based on Entropy Method ZHOU Na(257)
- Evolutionary Game Analysis of the Behavior Strategy of Manufacturing Enterprises Participating in Industrial Internet Platform ... GUO Junyi, WU Lina, ZHANG Xuefei(264)
- Empirical Study on the Integration Development and Interaction Effect of Advanced Manufacturing and Modern Service Industry: Taking Zhenjiang City as an example LI Qi, WU Jiying(270)
- Evaluation of Flight Recovery Decision Based on Entropy Weight Matter-element Extension Model LUO Fenge, FU Qiyue, CHEN Yangyi(275)
- Study on the Transformation Effect of Industrial Structure Set up by Undertaking Industrial Transfer Demonstration Area: A quasi-natural experiment in Wanjiang City Belt ZHA Jinping(287)
- Research on the Path of Building Guangdong into a Strong Provinceof Maritime Economy from the Perspective of Maritime Power Strategy DU Xiaojian, LIU Qiang,
YANG Lunqing, ZHU Jianzhen, QIAO Junguo(296)
- Analysis of the Development Quality Characteristics and Influencing Factors of Small Towns in Xuzhou Based on the Population Density of Built-up Areas CHEN Chen, QU Aixue(303)
- Research on Wine Quality Classification based on Machine Learning PEI Wenhua(309)
- Study on the Influence of Neutral Rock Manufactured Sand on Mechanical Properties of Asphalt Mortar LU Xu, WU Yankai, CHEN Bo(315)
- Analysis on the Influencing Factors of Subjective Well-being of the Elderly Living Alone: Based on CGSS data from 2017 GAO Yaqi(324)
- The Level Measurements and Difference Analysis of High-quality Development of Green Economy in Heilongjiang Province ... SHI Zhenwu, CHEN Tianqi, LIANG Chenchen(330)
- Research Status and Progress Analysis of Tourism Network Attention CUI Zhongliang(337)
- Research Hotspots and Trend of Agricultural High Quality Development in China: Visual analysis based on CiteSpace WANG Qiaoling,
ZHANG Yutao, OUYANG Yaoshu(344)
- Research on the Spatiotemporal Evolution of Innovation Performance of China's Provincial Emergency Industry YANG Chao, JIA Wei(350)
- Research on the Global Tourism Development Strategy of Kangle County, Linxia Prefecture YAO Haijuan, LIAN Hua(363)
- Semantic Network Analysis and Topic Modeling of User Comments for New Energy Vehicles Based on Sentiment Analysis ZHANG Mengting,
YE Nan, FAN Huangjian(369)
- Spatial Differentiation of Population in Wannian County under the Backgroud of Urbanization LONG Yongshu(375)
- Measurement Analysis of Urban Toughness of Guanzhong Plain City Group BAO Yifan, CHEN Jun(381)
- Short-term Power Generation Forecasting in China Based on Gray-ARIMA Coupling Model ZHOU Binbin, HUANG Jiaxin,
GENG Ranran, YIN Xinran, XU Baojing(387)
- Evaluation of Sand Suspension Performance of Fiber in Fracturing Fluid Containing Sand SONG Shiquan,
LI Jiyong, SHAO Hongyun,
ZHANG Guiling, XIA Lingyan(393)
- Analysis of the Stability of the Surrounding Rock of a Tunnel Excavation by Different Excavation Methods PENG Yangyou, TAO Wei, YANGJIN Drolma,
ZHANG Gen, DAI Chaoqiang, ZHANG Fu(398)
- Research on Water Intrusion Mechanism and Identification for Thermal Production Horizontal Well of A Oilfield DU Dianfa, WANG Jun, ZHANG Genkai,
WU Haijiang, LIU Peng, LI Xinrui(405)
- Analysis on the Influence of the Construction Sequence of Subway Shield Tunnel Crossing Underneath the Multi-level Garage NING Debiao,
LIU Ting, GUO Feng, XIAO Xi, YU Jian(413)
- Study on Energy Saving and Waterproofing Performance Improvement of Buildlings with Different Floor Structures XIA Yanbo, LUO Yingshe(416)