

《中文核心期刊要目总览》核心期刊
中文社会科学引文索引(扩展版)来源期刊(CSSCI)
中国科技核心期刊(CSTPCD)
中国人文社会科学核心期刊(CASSES)
中国核心学术期刊(RCCSE)

科技管理研究

SCIENCE AND TECHNOLOGY MANAGEMENT RESEARCH



ISSN 1000-7695
CN 44-1223/G3

2021
第41卷
总第486期

20

广东省科学学与科技管理研究会 主办

科技管理研究

SCIENCE AND TECHNOLOGY MANAGEMENT RESEARCH

(第 41 卷总第 486 期)

第 20 期 (半月刊)

2021 年 10 月 20 日

目 次

自主创新专论

- 企业主流创新与新流创新转换风险控制机制——基于创新转型期企业的扎根研究
.....朱 斌, 陈艳华 (1)
- 郑洛新国家自主创新示范区创新绩效评价及提升路径
.....王淑英, 赵雅曼 (10)

科技发展政策

- 中国与“一带一路”沿线国家高质量农业科技合作的常态机制
.....俞建飞, 杜李元 (17)
- 互联网普及、知识溢出与区域创新空间演进
.....李 峰, 刘 爽, 赵 毅, 孙佰清 (24)
- 中原城市群产业技术扩散机制与创新协同效应
.....尹 翀, 丁青艳, 杨振亚, 崔颖新 (35)

科技指标与评价

- 跨行政区域创新策源能力评价与实证——基于熵权法、TOPSIS 法、灰色关联分析
.....宁连举, 肖玉贤, 刘经涛, 崔 然 (44)
- 2016—2018 年我国区域科技人才竞争力评价
.....赵渊博 (52)

高校与研发机构科技管理

- 新型研发机构的数字化协同管理
.....魏 阙, 张 弛, 李婷婷 (60)
- “双一流”建设背景下地方高校科研管理目标考核体系构建
.....施振佳 (66)

产业科技管理

- 智能化无人车间的建构模式及运作逻辑
.....高锡荣, 邓滢滢 (72)

科技管理研究

SCIENCE AND TECHNOLOGY MANAGEMENT RESEARCH

(第 41 卷总第 486 期)

第 20 期 (半月刊)

2021 年 10 月 20 日

基于零知识证明的科技服务交易数据保密机制

..... 陈冬林, 唐艺倩, 聂规划, 王 倩 (80)

政府补贴、市场集中度与种业企业技术创新效率的关系——基于省级面板数据

..... 陈 超, 张 悦, 王迎春, 杨 扬 (87)

交易成本视角下我国生物医药孵化器建设存在问题及对策

..... 赖秋洁, 茅宁莹 (97)

动态环境下社会资本对农产品电商企业绩效的影响——基于动态能力的中介作用

..... 刘 迪, 孙 剑, 王 攀 (106)

组织创新力研究

股权激励影响经理人对研发创新投资的决策吗? ——基于管理防御的视角

..... 李秉祥, 雷怡瑾 (114)

开源软件项目发起人个体特征对项目绩效的影响——基于 GitHub 的实证研究

..... 王 玲, 董振伟, 张庆芝 (124)

平台型企业如何重塑商业生态系统? ——基于资源编排理论的纵向案例研究

..... 谢秋华, 刘 潇 (131)

科技型新创企业商业模式创新影响前因

..... 梁天宝 (144)

知识与知识产权管理

国家科技重大专项全创新链知识产权育成因素分析——基于对抗解释结构模型

..... 方 曦, 何 华, 刘 云, 尤 宇 (150)

论标准必要专利反向劫持规制

..... 王雅芬, 王 颖 (159)

管理理论与方法

“互联网+”回收模式下顾客感知价值量表开发与实证检验

..... 许民利, 曹彩霞, 简惠云 (169)

基于油机与车辆共享调度的基站网络运维研究

..... 冯增琦, 於慧琳, 陈志坚, 关嘉欣, 谢 维 (176)

闭环供应链视角下新能源汽车电池双渠道回收契约设计

..... 马 亮, 刘玉洁, 朱 浩 (184)

科技管理研究

SCIENCE AND TECHNOLOGY MANAGEMENT RESEARCH

(第 41 卷总第 486 期)

第 20 期 (半月刊)

2021 年 10 月 20 日

基于建筑信息模型的协同建设项目多层次多阶段利益分配机制——设计采购施工模式情景下

..... 丰景春, 王 婷, 王龙宝 (194)

考虑区域特征的跨区域电力系统空间复杂网络模型构建

..... 金成浩, 荣莉莉 (204)

低碳与绿色发展研究

环境规制、技术创新与能源消耗关系的实证分析

..... 侯贵生, 侯 莹 (216)

长江经济带城市绿色创新效率的时空特征及影响因素

..... 陆菊春, 王新怡 (224)

面向 2030 碳达峰的云南省交通行业再电气化分析

..... 徐尤峰, 梁俊宇, 成贝贝, 何为之, 舒 杰, 汪 鹏 (233)

彩页图片

新时期数字经济激发产业经济新活力创新实践 / 法律论证的逻辑特性及实践研究 / 大数据时代数据挖掘与分析应用实践 / 高校党建对创新创业教育的引领作用探究 / 论大学生心理健康教育与课程思政的有机融合 / 基于中国近现代音乐史发展的音乐艺术传承研究 / 互联网时代历史教学中创新性思维能力培养 / 互联网背景下企业财务管理体系完善研究 / 通信技术与计算机技术融合发展 / 高校钢琴教学模式创新研究 / 科技创新在音乐专业教育中的发展路径创新探索 / 高校思想政治教育原理的若干概论范畴及关系的认识 / 核心素养视域下高校音乐美育教育研究 / 中国现代文学史的创生叙事及发展 / 群众文化活动的时代价值与创新管理研究 / 中小学音乐教育教学现状分析及改革思路研究 / 文化差异视角下高校英语专业英美文学教学实践研究 / 高职院校党建与思想政治工作的协同发展研究

SCIENCE AND TECHNOLOGY MANAGEMENT RESEARCH

Vol.41 No.20 20 Oct. 2021

CONTENTS

Discussions on Endogenous Innovation

- Risk Control Mechanism of Enterprise Mainstream Innovation and Newstream Innovation Transformation:
A Grounded Research on Enterprises in Innovation Transformation Period
..... Zhu Bin, Chen Yanhua (1)
- Innovation Performance Evaluation and Promotion Path of Zhengzhou–Luoyang–Xinxiang National Independent
Innovation Demonstration Zone
..... Wang Shuying, Zhao Yaman (10)

Science & Technology Development and S&T Policy

- Normal Mechanism for High–quality Agricultural Science and Technology Cooperation Between China and Countries
Along the Belt and Road
..... Yu Jianfei, Du Liyuan (17)
- Internet Popularization, Knowledge Spillover and Evolution of Regional Innovation Space
..... Li Feng, Liu Shuang, Zhao Yi, Sun Baiqing (24)
- Industrial Technology Diffusion Mechanism and Innovation Synergy Effect of Central Plains Urban Agglomeration
..... Yin Chong, Ding Qingyan, Yang Zhenya, Cui Yingxin (35)

Science & Technology Indicators and S&T Evaluation

- Evaluation and Demonstration on the Creational and Original Innovation Capacity of Cross–administrative Area: Based
on the Entropy Weight Method, TOPSIS Method, and Gray Correlation Analysis
..... Ning Lianju, Xiao Yuxian, Liu Jingtao, Cui Ran (44)
- Evaluation of Regional Scientific and Technological Talent Competitiveness in China During 2016 ~ 2018
..... Zhao Yuanbo (52)

Research Management in Universities and Research Institutes

- Digital Collaborative Management of New R&D Institutions
..... Wei Que, Zhang Chi, Li Tingting (60)
- Construction of Assessment System for Scientific Research Management Objectives of Local Colleges and Universities
Under the Background of "Double First–class" Construction
..... Shi Zhenquan (66)

Industrial Research Management

- Construction Mode and Operation Logic of Intelligent Unmanned Workshop
..... Gao Xirong, Deng Yingying (72)
- Data Confidentiality Mechanism of Science and Technology Service Transaction Based on Zero Knowledge Proof
..... Chen Donglin, Tang Yiqian, Nie Guihua, Wang Qian (80)
- The Relationship Between Government Subsidies, Market Concentration and Technological Innovation Efficiency of
Seed Enterprises: Evidence from Chinese Provincial Panel Data
..... Chen Chao, Zhang Yue, Wang Yingchun, Yang Yang (87)
- Problems and Countermeasures of Biomedical Incubator Construction in China Under Transaction Cost Perspective
..... Lai Qiujie, Mao Ningying (97)
- Influence of Social Capital on the Performance of Agricultural E–Commerce Enterprises Under the Dynamic
Environment: The Mediating Role of Dynamic Capability
..... Liu Di, Sun Jian, Wang Pan (106)

SCIENCE AND TECHNOLOGY MANAGEMENT RESEARCH

Vol.41 No.20 20 Oct. 2021

Organizational Innovation Capacity

- Does Equity Incentive Affect Managers' Decision on R&D Innovation Investment? : The Perspective of Managerial Entrenchment
..... Li Bingxiang, Lei Yijin (114)
- Effect of Individual Characteristics of Open Source Software Project Initiator on Project Performance: Empirical Evidence from GitHub
..... Wang Ling, Dong Zhenwei, Zhang Qingzhi (124)
- How do Platform-based Enterprises Reconstruct Their Business Ecosystem? : A Longitudinal Case Study Based on Resource Orchestration Theory
..... Xie Qiuhua, Liu Xiao (131)
- Antecedents Affecting the Business Model Innovation of Technology-based Start-Ups
..... Liang Tianbao (144)

Knowledge Management and Intellectual Property Management

- Analysis of Intellectual Property Breeding Factors in the Whole Innovation Chain of National Science and Technology Major Projects: Based on Adversarial Interpretive Structure Modeling Method
..... Fang Xi, He Hua, Liu Yun, You Yu (150)
- On the Standard Essential Patent Anti-holdup Regulation
..... Wang Yafen, Wang Ying (159)

Theory and Methodology of Management Science

- Development and Empirical Test of Customer Perceived Value Scale Under the "Internet +" Recovery Mode
..... Xu Minli, Cao Caixia, Jian Huiyun (169)
- Research on Base Station Network Operation and Maintenance Based on Diesel Engine and Vehicle Shared Scheduling
..... Feng Zengqi, Yu Huilin, Chen Zhijian, Guan Jiabin, Xie Wei (176)
- Design of Dual-channel Recycling Contract for New Energy Vehicle Batteries from The Perspective of Closed-loop Supply Chain
..... Ma Liang, Liu Yujie, Zhu Hao (184)
- A Multi-level and Multi-stage Benefit Distribution Mechanism of Collaborative Construction Projects Based on Building Information Model: In the Scenario of Design, Procurement and Construction Mode
..... Feng Jingchun, Wang Ting, Wang Longbao (194)
- A Spatial Complex Networks Model of Power System Considering Regional Characteristics
..... Jin Chenghao, Rong Lili (204)

Research on Low-carbon Development and Green Development

- An Empirical Analysis of the Relationship Between Environmental Regulation, Technological Innovation and Energy Consumption
..... Hou Guisheng, Hou Ying (216)
- Spatiotemporal Characteristics and Influencing Factors of Urban Green Innovation Efficiency in Yangtze River Economic Belt
..... Lu Juchun, Wang Xinyi (224)
- Re-electrification Analysis of the Transportation Industry in Yunnan Province for the 2030 Carbon Peak
..... Xu Youfeng, Liang Junyu, Cheng Beibei, He Weizhi, Shu Jie, Wang Peng (233)