

中国科技核心期刊（中国科技论文统计源期刊）

中国核心期刊（遴选）数据库源期刊

《中国人文社会科学期刊评价报告（AMI）》引文数据库来源刊

ISSN 1674-1544

CN 11-5649/F

STR **中国科技资源** 导刊  
 China Science & Technology Resources Review

2021.3  
 第53卷 总第549期

第53卷 第3期

二〇二一年三月



中国科学技术信息研究所 主办  
 南京大学

# 中国科技资源导刊

2021年5月 第53卷 第3期

## 目 次

### · 科技资源共享理论与技术 ·

- 科技查新服务流程的优化和再造····· 刘金萍 徐 浩 刘彦雄 曾 炯 (1)
- 欧美国家开放科学发展模式研究及启示····· 吕 昕 董 敏 张 辉 (7)
- 双一流高校校企协同创新现状分析及发展策略建议····· 王 璐 俞征鹿 高继平 孙荣楠 (17)
- 基于 Windows-DEA 和 Malmquist 指数的医药类高校科研效率分析 ····· 谷 雨 马 良 (24)
- 我国科技基础资源调查专项实施布局分析与启示····· 王 祎 王卷乐 王晓洁 李俊瑶 (33)
- 2014—2018 年我国科普基础设施建设成效研究 ····· 刘 娅 汪新华 赵 璇 王丽慧 (44)
- 基于自评的科技报告质量评价及实施策略研究····· 苗 军 (51)
- 四大区域科普资源建设评估与分析····· 郝 琴 (59)

### · 科学数据管理与应用 ·

- 我国对地观测数据资源发展状况分析研究····· 陈祖刚 卢逸航 李国庆 (67)

### · 地方科技资源建设 ·

- 长江中游城市群高校创新协调度的地理时空格局研究····· 龙欣悦 陈新保 刘晓东 王 珊 (80)
- 区域技术创新能力评价及空间效应····· 张 强 (91)
- 基于专利的技术创新对经济增长的作用研究····· 陈竹茹 李武选 (101)

# CHINA SCIENCE & TECHNOLOGY RESOURCES REVIEW

Vol.53 NO.3 May, 2021

---

## CONTENTS

### Science and Technology Resource Sharing Theory and Technology

- Optimization and Reconstruction of Science and Technology Novelty Search Service Process  
..... LIU Jinping, XU Hao, LIU Yanxiong, ZENG Tong(1)
- On the Development Model of Western Open Science and Its Implications  
..... LÜ Xin, DONG Min, ZHANG Hui(7)
- Research on the Status of Collaborative Innovation Between University and Enterprise  
of China's Double First-class Universities and Its Countermeasures  
..... WANG Lu, YU Zhenglu, GAO Jiping, SUN Rongnan(17)
- Research on Scientific Research Efficiency of Chinese Medical Universities Based  
on Windows-DEA and Malmquist Index ..... GU Yu, MA Liang(24)
- Analysis and Enlightenment on the Implementation Layout of the Science and Technology  
Fundamental Resources Investigation Programme of China  
..... WANG Yi, WANG Juanle, WANG Xiaojie, LI Junyao(33)
- Research on China's Science and Technology Popularization Infrastructure Development  
during 2014-2018 ..... LIU Ya, WANG Xinhua, ZHAO Xuan, WANG Lihui(44)
- Research on Quality Evaluation and Implementation Strategy for Scientific and Technical  
Report Based on Self-assessment ..... MIAO Jun(51)
- Evaluation and Analysis of Regional Science Popularization Construction  
..... HAO Qin(59)

### Scientific Data Management and Application

- Analysis and Research on the Development Status of China's Earth Observation Data Resources  
..... CHEN Zugang, LU Yihang, LI Guoqing(67)

### Construction of Local Science and Technology Resources

- Research on the Spatial-temporal Pattern of University Innovation Coordination Degree  
in Urban Agglomeration in the Middle Reaches of the Yangtze River  
..... LONG Xinyue, CHEN Xinbao, LIU Xiaodong, WANG Shan(80)
- Regional Technical Innovation and Spatial Effects Evaluation ..... ZHANG Qiang(91)
- Research on the Effect of Patent-based Technological Innovation on Economic Growth  
..... CHEN Zhuru, LI Wuxuan(101)

# 中国科技资源导刊

2021年5月 第53卷 第3期

## 目次

### · 科技资源共享理论与技术 ·

- 科技查新服务流程的优化和再造····· 刘金萍 徐浩 刘彦雄 曾侗 (1)
- 欧美国家开放科学发展模式研究及启示····· 吕昕 董敏 张辉 (7)
- 双一流高校校企协同创新现状分析及发展策略建议····· 王璐 俞征鹿 高继平 孙荣楠 (17)
- 基于 Windows-DEA 和 Malmquist 指数的医药类高校科研效率分析····· 谷雨 马良 (24)
- 我国科技基础资源调查专项实施布局分析与启示····· 王祎 王卷乐 王晓洁 李俊瑶 (33)
- 2014—2018 年我国科普基础设施建设成效研究····· 刘娅 汪新华 赵璇 王丽慧 (44)
- 基于自评的科技报告质量评价及实施策略研究····· 苗军 (51)
- 四大区域科普资源建设评估与分析····· 郝琴 (59)

### · 科学数据管理与应用 ·

- 我国对地观测数据资源发展状况分析研究····· 陈祖刚 卢逸航 李国庆 (67)

### · 地方科技资源建设 ·

- 长江中游城市群高校创新协调度的地理时空格局研究····· 龙欣悦 陈新保 刘晓东 王珊 (80)
- 区域技术创新能力评价及空间效应····· 张强 (91)
- 基于专利的技术创新对经济增长的作用研究····· 陈竹茹 李武选 (101)

## CONTENTS

### Science and Technology Resource Sharing Theory and Technology

- Optimization and Reconstruction of Science and Technology Novelty Search Service Process  
..... LIU Jinping, XU Hao, LIU Yanxiong, ZENG Tong(1)
- On the Development Model of Western Open Science and Its Implications  
..... LÜ Xin, DONG Min, ZHANG Hui(7)
- Research on the Status of Collaborative Innovation Between University and Enterprise  
of China's Double First-class Universities and Its Countermeasures  
..... WANG Lu, YU Zhenglu, GAO Jiping, SUN Rongnan(17)
- Research on Scientific Research Efficiency of Chinese Medical Universities Based  
on Windows-DEA and Malmquist Index ..... GU Yu, MA Liang(24)
- Analysis and Enlightenment on the Implementation Layout of the Science and Technology  
Fundamental Resources Investigation Programme of China  
..... WANG Yi, WANG Juanle, WANG Xiaojie, LI Junyao(33)
- Research on China's Science and Technology Popularization Infrastructure Development  
during 2014-2018 ..... LIU Ya, WANG Xinhua, ZHAO Xuan, WANG Lihui(44)
- Research on Quality Evaluation and Implementation Strategy for Scientific and Technical  
Report Based on Self-assessment ..... MIAO Jun(51)
- Evaluation and Analysis of Regional Science Popularization Construction  
..... HAO Qin(59)

### Scientific Data Management and Application

- Analysis and Research on the Development Status of China's Earth Observation Data Resources  
..... CHEN Zugang, LU Yihang, LI Guoqing(67)

### Construction of Local Science and Technology Resources

- Research on the Spatial-temporal Pattern of University Innovation Coordination Degree  
in Urban Agglomeration in the Middle Reaches of the Yangtze River  
..... LONG Xinyue, CHEN Xinbao, LIU Xiaodong, WANG Shan(80)
- Regional Technical Innovation and Spatial Effects Evaluation ..... ZHANG Qiang(91)
- Research on the Effect of Patent-based Technological Innovation on Economic Growth  
..... CHEN Zhuru, LI Wuxuan(101)