

目 次

· 人工智能应用专题 ·

- 专题序:科技期刊智能化发展的实践与探索 董文杰 775
- 大数据赋能科技期刊智慧决策的探索与实践
..... 沈锡宾 李 鹏 付 泽 赵亚楠 田丙磊 张佳玮 张 根 李 博 宋显会 魏均民 777
- 基于虚拟现实技术的学术期刊增强出版模式与应用实践——以《化学进展》为例
..... 董文杰 李 苑 段鹏飞 郝临晓 790
- AI辅助论文写作的伦理认知与治理路径——基于国内科技期刊作者的实证调查..... 杜 焱 李 洁 802
- 人机协同模式下AI工具在医学期刊选题策划中的应用效果分析 武玉欣 于 溪 813

· 论 坛 ·

- 国际钻石开放获取的实践进展及启示 张 娜 张智雄 820
- 高校学术期刊集群化发展的实践路径——以重庆大学学术期刊集群为例
..... 周 沫 游 滨 王维朗 钟小伟 欧阳雪梅 颜永松 831
- 科技期刊集群与学术共同体协同发展模式探究——以学/协会刊群为例 胡文杰 840
- 科技期刊学术直播用户需求特征与参与行为——以地理科研人员为例 郭亿华 848

· 质量建设 ·

- 同行评审意见的论证评估及编辑决策优化 蓝 婷 王景周 崔建英 856
- 开放获取医学期刊生成式AI政策现状与启示——基于AI政策制定相对自主期刊的分析
..... 田 甜 倪 明 王琳辉 叶娟英 王尔亮 864
- 高影响力国际生物医学期刊图片出版伦理政策分析及对我国期刊的启示 李 玉 田 丁 王云云 874
- 生成式AI冲击下撤稿论文特征解析与早期风险预警 程 鑫 陈 诺 883

· 评价与分析 ·

- 非英语科技期刊现状分析及发展建议 焦一丹 俞征鹿 盖双双 周玉傲 896
- 自然指数应用科学期刊遴选规则评估及对我国科技期刊发展的思考
..... 姜育彦 马建霞 陈 春 白光祖 908
- 中英文科技期刊AI政策差异探究及发展建议——基于中国科技期刊卓越行动计划390种期刊的文本分析
..... 平静波 郑羽彤 申正奇 921
- 科技期刊融媒体双刊协同运营模式的构建与实践——以《核技术》中英文双刊为例
..... 姜虹亦 杨巍巍 霍 宏 王婷婷 李勇平 931

· 简 讯 ·

- 《中国科技期刊研究》2026年选题指南 封三
- 刊名题写:言恭达(中国书法家协会副主席,全国政协委员)

CONTENTS

Topic preface: practice and exploration on the intelligent development of scientific journals	DONG Wenjie 775
Exploration and practice of big data empowering smart decision-making in STM journals	SHEN Xibin, LI Peng, FU Ze, ZHAO Ya'nan, TIAN Binglei, ZHANG Jiawei, ZHANG Gen, LI Bo, SONG Xianhui, WEI Junmin 777
Enhanced publishing model for academic journals based on virtual reality technology and application practice: taking <i>Progress in Chemistry</i> as an example	DONG Wenjie, LI Yuan, DUAN Pengfei, HAO Linxiao 790
Ethical considerations and governance approaches for AI-assisted academic paper writing based on an empirical investigation of authors of domestic scientific journals	DU Yan, LI Jie 802
Application effects of AI tools in medical journal topic planning under human-AI collaboration mode	WU Yuxin, YU Xi 813
International progress in diamond open access practices and its implications	ZHANG Na, ZHANG Zhixiong 820
Practical pathways for the cluster development of university academic journals: taking Chongqing University academic journal cluster as an example	ZHOU Mo, YOU Bin, WANG Weiliang, ZHONG Xiaowei, OUYANG Xuemei, YAN Yongsong 831
Exploration on the coordinated development model of scientific journal clusters and academic communities: taking society and association journal clusters as an example	HU Wenjie 840
Investigating the needs and behaviors of academic live streaming users for scientific journals: a case study of geography researchers	GUO Yihua 848
Argument-based evaluation of peer review comments and optimization of editorial decisions	LAN Ting, WANG Jingzhou, CUI Jianying 856
Current status and implications of generative AI policies in open access medical journals: an analysis of journals with relatively autonomous AI policy formulation	TIAN Tian, NI Ming, WANG Linhui, YE Juanying, WANG Erliang 864
Analysis of image publication ethics policies in high-impact international biomedical journals and its implications for Chinese journals	LI Yu, TIAN Ding, WANG Yunyun 874
Feature analysis and early risk warning of retracted papers in the context of generative AI disruption	CHENG Xin, CHEN Nuo 883
Analysis of the current status and suggestions for non-English scientific journals	JIAO Yidan, YU Zhenglu, GAI Shuangshuang, ZHOU Yuao 896
Selection criteria evaluation of the Nature Index applied science journals and reflections on the development of Chinese scientific journals	JIANG Yuyan, MA Jianxia, CHEN Chun, BAI Guangzu 908
Differences in AI policies between Chinese and English scientific journals and development suggestions: a textual analysis of 390 journals based on the Excellence Action Plan for China's STM Journals	PING Jingbo, ZHENG Yutong, SHEN Zhengqi 921
Construction and practice of a convergence media coordinated operation model for bilingual scientific journals: taking <i>Nuclear Techniques</i> and <i>Nuclear Science and Techniques</i> as an example	JIANG Hongyi, YANG Weiwei, HUO Hong, WANG Tingting, LI Yongping 931