

2024年高校图书馆发展论坛 山东 济南



西安交通大学图书馆
XI'AN JIAOTONG UNIVERSITY LIBRARY

面向知识管理服务的资源建设 实践与思考

Practice and Thinking of Resource Construction for Knowledge Management Service



西安交通大学图书馆 杨峰

2024年6月



CONTENTS

- 1 问题与需求
- 2 探索与实践
- 3 发展与思考

01



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问题与需求



文献资源建设的现状与挑战



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资源价格持续上涨
汇率的不确定性



经费支持不足



资源内容、品质、服务同质化现象严重



有效地组织、揭示、发现及创新服务形式，
达到科学精准的服务效果



资源建设的转型与突破



以知识管理服务为导向，建设内容高质量、形态多元化、利用便捷化、服务智慧化的资源服务体系

02



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探索与实践



一、资源建设的愿景和目标

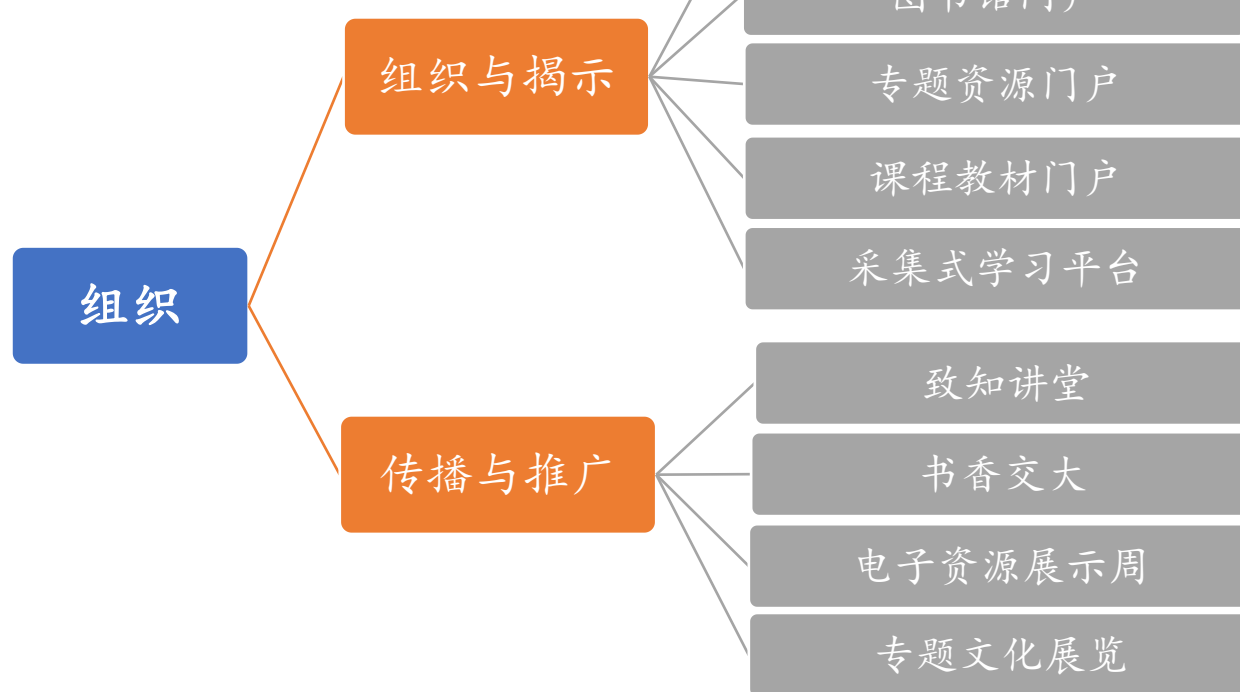
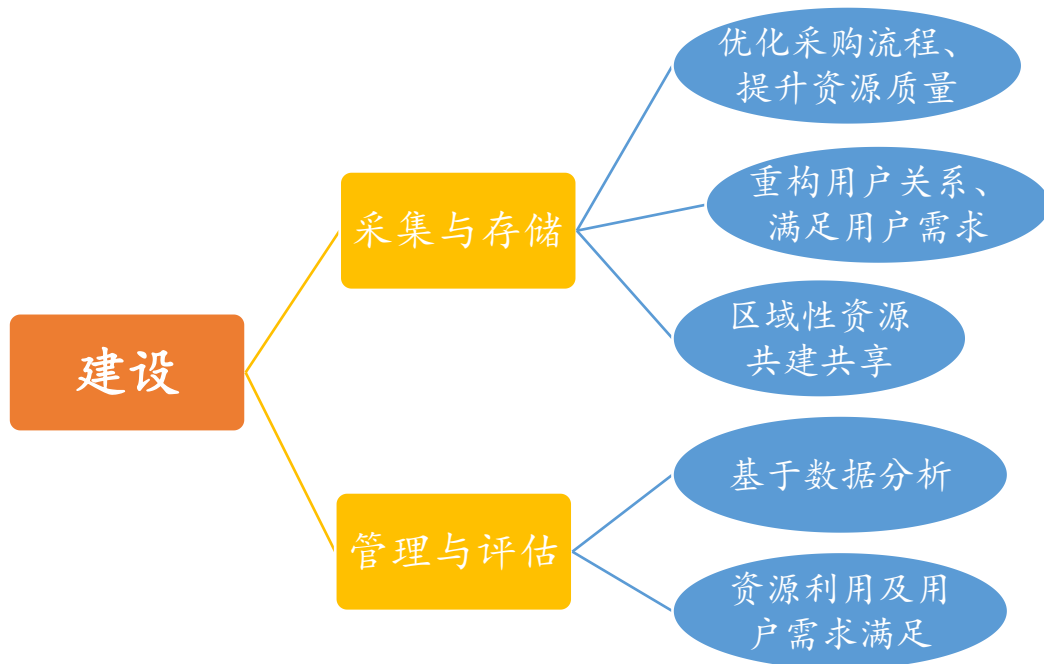
统筹全校文献资源建设规划

加强重点领域资源建设

重视教材教参资源建设

强化特藏资源建设

推进资源利用统计分析和综合评价



二、优化采购流程，提升资源质量



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实行PDA管理模式

借助线上和线下选书平台，长期开展PDA新书采选模式，满足读者对急需图书、专业图书需求。



划分核心出版社和核心作者

根据馆藏发展需要，划分核心出版社和核心作者群，针对性的对这些核心出版社和核心作者出版著作进行采购。



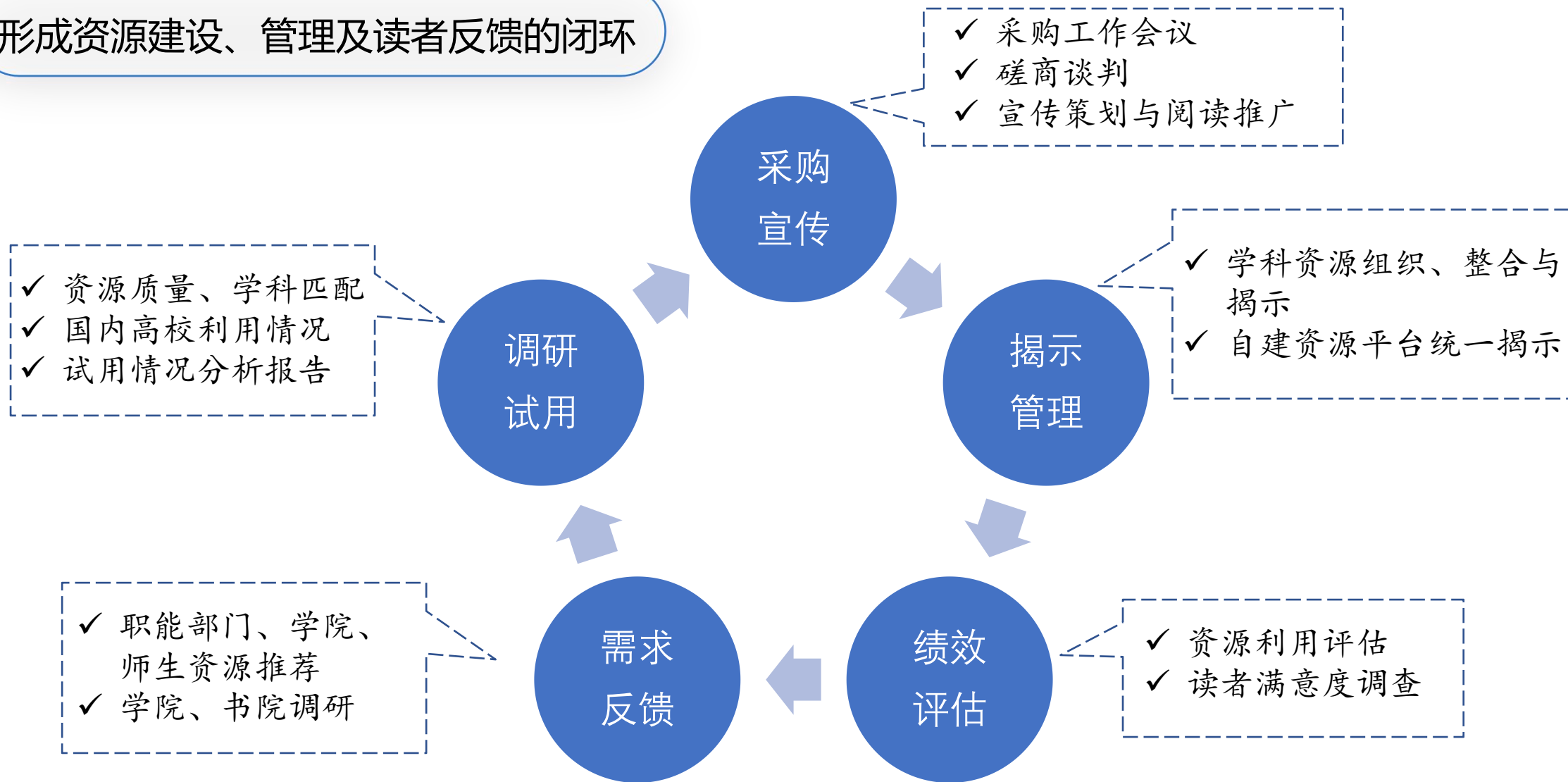
纸电一体化采选

纸电同采，需求驱动，提升文献资源利用效率。

二、优化采购流程，提升资源质量

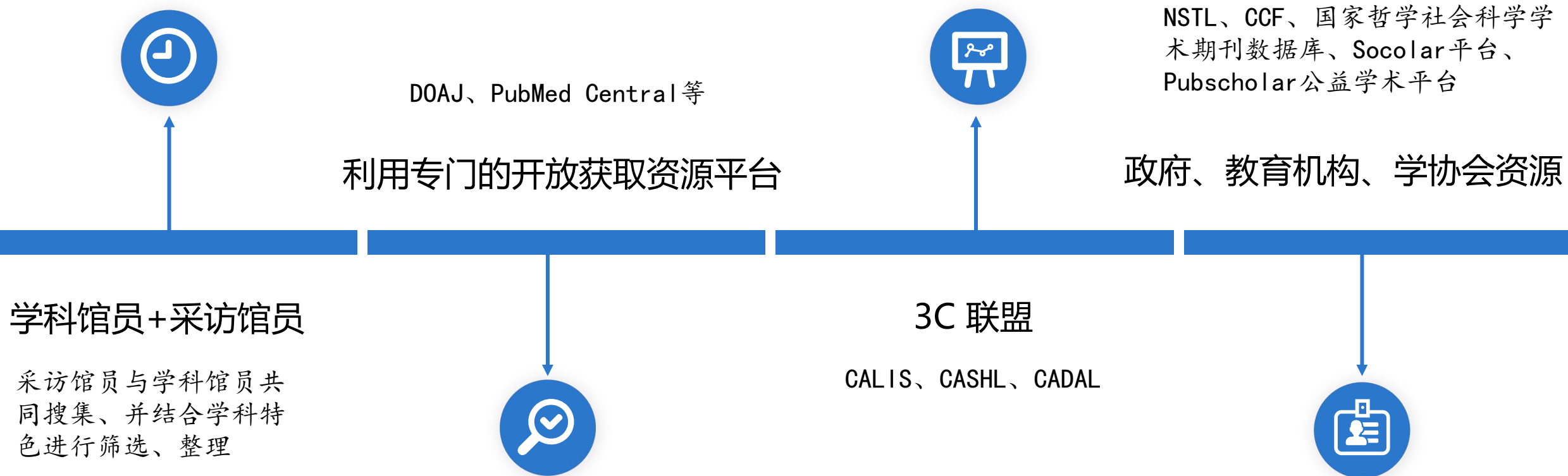


形成资源建设、管理及读者反馈的闭环



二、优化采购流程，提升资源质量

专业与学科结合，开放获取资源共享



二、优化采购流程，提升资源质量



引导读者多途径参与资源建设

调研入学院、入书院；有组织、有目的、有内涵



序号	资源名称	文献类型	url	ISSN	ISBN	ISSN	ISBN	订购状态
1	Advanced Materials	电子期刊	http://dx.doi.org/10.1002/adma	0950-4230	-	1527-4095	-	11
2	Biochemistry and molecular biology international	电子期刊	http://dx.doi.org/10.1002/bimbi	10238712	-	-	-	9
序号	图例	姓名	注册号	IP	访问日期	referer url		
1				219.245.46.3	2023-11-10 16:43:21	-		
2				10.180.226.70	2023-11-10 10:10:00	-		
3				219.245.46.14	2023-11-09 20:36:19	-		
4				219.245.46.14	2023-11-09 20:36:19	-		
5				132.19.46.132	2023-11-08 21:08:06	-		
6				220.181.106.170	2023-11-08 14:30:31	-		
7				36.44.141.25	2023-11-08 13:38:52	-		
8				36.44.141.25	2023-11-08 13:38:38	-		
9				36.44.141.25	2023-11-08 13:38:25	-		
图例 1 至图例 9 为 IP 地址，由 IP 地址生成								
3	SciFinder Scholar (CAS)	电子期刊	http://dx.doi.org/10.1002/sf	14823732	-	14786606	-	9
4	Journal of Commercial Biotechnology	电子期刊	http://dx.doi.org/10.1002/jcbt	14823732	-	14786606	-	7

深入分析读者数据，助力服务效能提升

馆长接待日





三、基于数据分析，提升服务效能

电子资源绩效评估

- 资源获取成本
- 用户利用程度
- 用户需求保障



- 学科资源保障
- 学科发文支撑
- 用户科研产出及保障

- “2023年西安交通大学学科资源保障与利用评估报告”
- “2023年西安交通大学学科分析报告——数学”
- “2023年西安交通大学学科分析报告——机械工程”
- “2023年西安交通大学学科分析报告——化学”

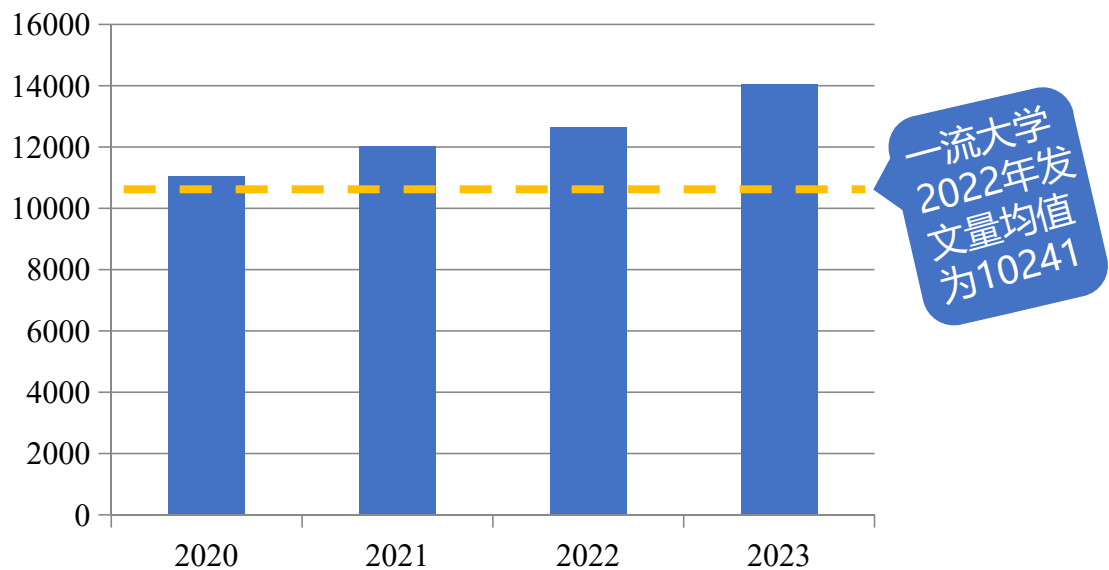


三、基于数据分析，提升服务效能

电子资源绩效评估

WOS发文期刊保障率：88.94%

单位：篇



2020-2023我校WOS发文量情况

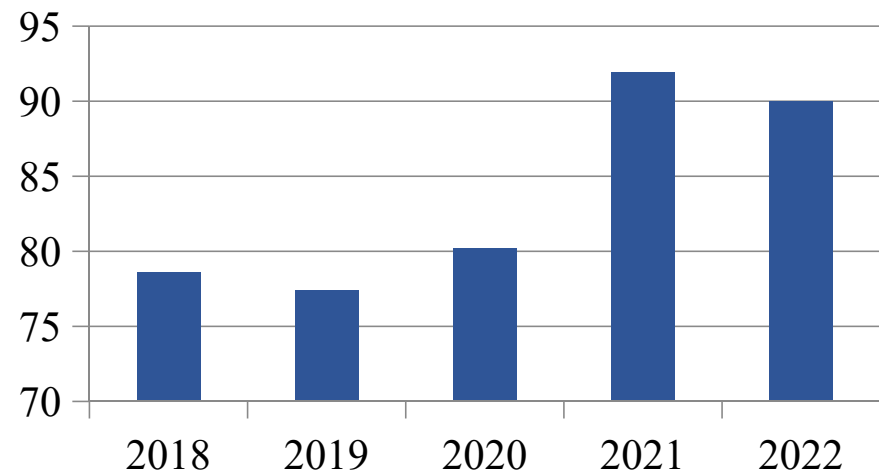
高质量发文保障率：

WOS发文期刊保障率：88.94%

JCR-Q1区间：91.48%

ESI发文期刊保障率：91.31%

单位：%



我校高质量发文保障情况

三、基于数据分析，提升服务效能

A类学科资源保障

机械工程

电子资源绩效评估



“机械工程” 学科保障分析

“机械工程” 学科发文量TOP5期刊

Energy	Q1
Journal of Alloys and Compounds	Q2
Applied Energy	Q1
Small、International Journal of Heat and Mass Transfer	Q2、Q2
International Journal of Advanced Manufacturing Technology	Q3

“机械工程” 学科待进一步保障期刊

- Materials Transactions (引用量：89次)
- International Journal of Applied Mechanics (引用量：70次)
- Acta Metallurgica Sinica (引用量：35次)

注：有引用未订购期刊

指标	数据
期刊保障数量 (种)	>700
JCR期刊保障率 (%)	89.91%
发文期刊保障率 (%)	92.61%
引文期刊保障率 (%)	86.35%
学科资源下载量增幅 (%)	48.9% ▲ 142%
学科资源引用量增幅 (%)	7.2% ▲ 77.5%
直接需求期刊满足率 (%)	84.68% ▲ 3.5%
引用高关联学科	材料科学与工程、力学、材料与化工

一流大学均值

四、深化资源组织、揭示与管理，创新服务方式

一站式资源发现平台

ProQuest
Elsevier
ACS Publications
ROYAL SOCIETY OF CHEMISTRY
THOMSON REUTERS WESTLAW
emerald insight
Taylor & Francis Online
American Physical Society
Elsevier
万方数据
CNKI
IEEE Xplore
OXFORD ACADEMIC
ASME DIGITAL COLLECTION
Springer Link
AIP Publishing
Institution of Mechanical Engineers
MRS Online Proceedings Library

搜索馆藏资源

首页 查找资源 学习服务 科研服务 新生&毕业生 校友&捐赠 有问必答 关于我们

馆藏书目
学术资源
中文资源
综合检索

请输入你的搜索内容

搜索 高级检索

一站式检索馆藏学术电子资源,包括学术期刊、会议、图书、标准、专利、报纸等文献为主的文章级检索及部分中文期刊文章检索。



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中文学术资源发现平台

请输入检索词

检索

高级检索
检索历史

思源搜索 外文学术资源发现平台

关键词 输入任意字词

基本检索 高级检索 搜索历史记录 二次检索



四、深化资源组织、揭示与管理，创新服务方式

一站式资源发现平台



artificial intelligence的检索结果

artificial intelligence 检索

馆藏书目(10643) 中文发现(1470353) 外文发现(2050317) 动态信息(0) 常用服务(0)

馆藏书目

模块包含10643条检索结果

- Python for scientific computation and artificial intelligence
来源：馆藏书目 作者：Stephen Lynch.
- Artificial intelligence for cognitive modeling : theory and p...
来源：馆藏书目 作者：Pijush Du
- Artificial Intelligence-based smart power systems
来源：馆藏书目 作者：edited by Sanjeevikumar Padm
- Artificial intelligence and the fourth industrial revolution
来源：馆藏书目 作者：edited by Utpal C
- Applications of computational science in artificial intellige...
来源：馆藏书目 作者：Anand Nayyar,

中文发现

模块包含1470353条检索结果

- Artificially Intelligent, or Intelligently Artificial?
来源：中文发现 作者：PETERS, DEAN
- Dermatology and Artificial Intelligence
来源：中文发现 作者：W.Clark Lambert MD, PhD FRCP Edin¹;Andrzej Grzybowski MD, PhD² (¹Departments of Dermatology, Medicine, and of Pathology, Immunology and Laboratory Medicine, Rutgers – New Jersey Medical School, Newark, New Jersey USA,²Institute for Research in Ophthalmology, Foundation for Ophthalmology Development, Poznan, Poland)
- Dangers of Artificial Intelligence in Oncology
来源：中文发现 作者：Steven Sorscher ¹ (Affiliation ¹ Steven Sorscher, MD, Biotheranostics, Inc., San Diego, CA.)
- A History of Artificial Intelligence
来源：中文发现 作者：Andrzej Grzybowski MD, PhD¹;Katarzyna Pawlikowska – Łagód PhD²;W. Clark Lambert MD, PhD, FRCP Edin³ (¹Institute for Research in Ophthalmology, Foundation for Ophthalmology Development, Poznan, Poland,²Chair and Department of Humanities and Social Medicine, Medical University of Lublin,³Departments of Dermatology, Medicine and Pathology, Immunology and Laboratory Medicine, Rutgers – New Jersey Medical School, Newark, NJ USA)
- Artificial intelligence
来源：中文发现 作者：Francois Kunc

外文发现

模块包含2050317条检索结果

- Artificial Intelligence : Thinking Machines and Smart Rob...
来源：外文发现 作者：Angie Smibert 发布时间：2018-01-01
- Towards an ethics of artificial intelligence [electronic reso...
来源：外文发现 作者：Azoulay, Audrey 发布时间：2019-01-01
- When and How Artificial Intelligence Augments Emplo...

- BentoBox设计理念
- 实现馆藏书目、中文发现、外文发现等多平台一站式检索发现

四、深化资源组织、揭示与管理，创新服务方式

数据库、电子期刊、电子图书导航

The screenshot shows the library's database navigation interface. At the top, there is a search bar with the text '请输入检索词' (Please enter search terms). Below this, there are several filters and options:

- 首字母** (First Letter): A-Z
- 教育部学科** (Ministry Discipline): 理学, 工学, 医学, 法学, 经济学, 管理学, 农学, 教育学, 文学, 军事学, 哲学, 历史学, 综合, 艺术学
- 资源类型** (Resource Type): 电子期刊, 电子书, 其他, 数据, 会议论文, 百科/参考工具, 多媒体资源, 专利, 报告, 学位论文, 报纸, 视频流, 标准, 法规/案例, 音视频, 丛书, 数据资讯
- 文献语种** (Literature Language): 中文数据库, 外文数据库
- 采购模式** (Purchase Mode): 正式, 试用, 自建库
- 收费模式** (Charging Mode): 商业, 免费(OA)

On the left side, there is a section for '首字母排序A-Z' (Sort by First Letter A-Z) with a list of databases and their links:

- 中文数据库 (Chinese Database)
- 畅想之星精品数据库 (Changxiangxing Star Premium Database)
- 工程技术数字图书馆 (Engineering Technology Digital Library)
- 掌阅精选数字阅读平台 (Zhangyue Selected Digital Reading Platform)
- apab(阿帕比) 数字资源平台 (Apab Digital Resource Platform)
- 北大法宝中国法律信息总库 (Peking University Law Database)
- 博看网人文畅销期刊数据库 (Bokan.com Popular Periodicals Database)
- CADAL数字图书馆 (CADAL Digital Library)

期刊影响因子变化趋势 期刊主题词 最新文章

The screenshot shows a dashboard for journal analysis. It features a line graph titled '期刊影响因子评分趋势图' (Journal Impact Factor Score Trend Chart) showing SCOPUS-CiteScore and SCOPUS-SNIPP scores from 2012 to 2022. The scores generally increase over time, peaking around 2021.

Below the graph, there are sections for '近期发表文章' (Recently Published Articles) and '热门主题词' (Hot Keywords). The keywords include: menstrual cycle, health promotion, risk factors, anaerobic power, genetics, salivary, adolescent, creatine kinase, gymnastics, eccentric, immune response, children, athletes, aging, cognition, and hormonal changes.

Three articles are listed:

- The use of platelet rich plasma in the treatment of soft tissue injuries in professional football: a clinical approach through genetics**
Title: The use of platelet rich plasma in the treatment of soft tissue injuries in professional football: a clinical approach through genetics
Authors: Phuna, R.; Bahduz, K.; Clois, E.
Source: In: Apunts Medicina de l'Esport. (Apunts Medicina de l'Esport, October - December 2019, 54(204):105-111)
Publication Information: Elsevier Doyma
- Effect of HIIT on cognitive and physical performance**
Title: Effect of HIIT on cognitive and physical performance
Authors: Bahduz, K.; Olkhech, R.; Plan, G.; Nina, L.; Phuna, R.
Source: In: Apunts Medicina de l'Esport. (Apunts Medicina de l'Esport, October - December 2019, 54(204):113-117)
Publication Information: Elsevier Doyma
- Physical fitness in Catalan parental tobacco use factors**
Title: Physical fitness in Catalan use and other associated factors
Authors: Lopez, G.G.; Román, S.
Source: In: Apunts Medicina de l'Esport. (Apunts Medicina de l'Esport, October - December 2019, 54(204):131-135)
Publication Information: Elsevier Doyma

The screenshot shows the library's search results page. At the top, there is a search bar with the text '电子期刊检索' (Electronic Journal Search). Below this, there are several filters and options:

- 检索条件** (Search Conditions): A search bar with a magnifying glass icon.
- 已选条件** (Selected Conditions): A list of selected conditions.
- 显示设置** (Display Settings): A dropdown menu for display settings.
- 相关性** (Relevance): A dropdown menu for relevance.
- 教育部学科** (Ministry Discipline): A dropdown menu for ministry discipline.

On the right side, there is a section for '关键词*共有66440个' (Keywords * Total 66440). Below this, there are several search results:

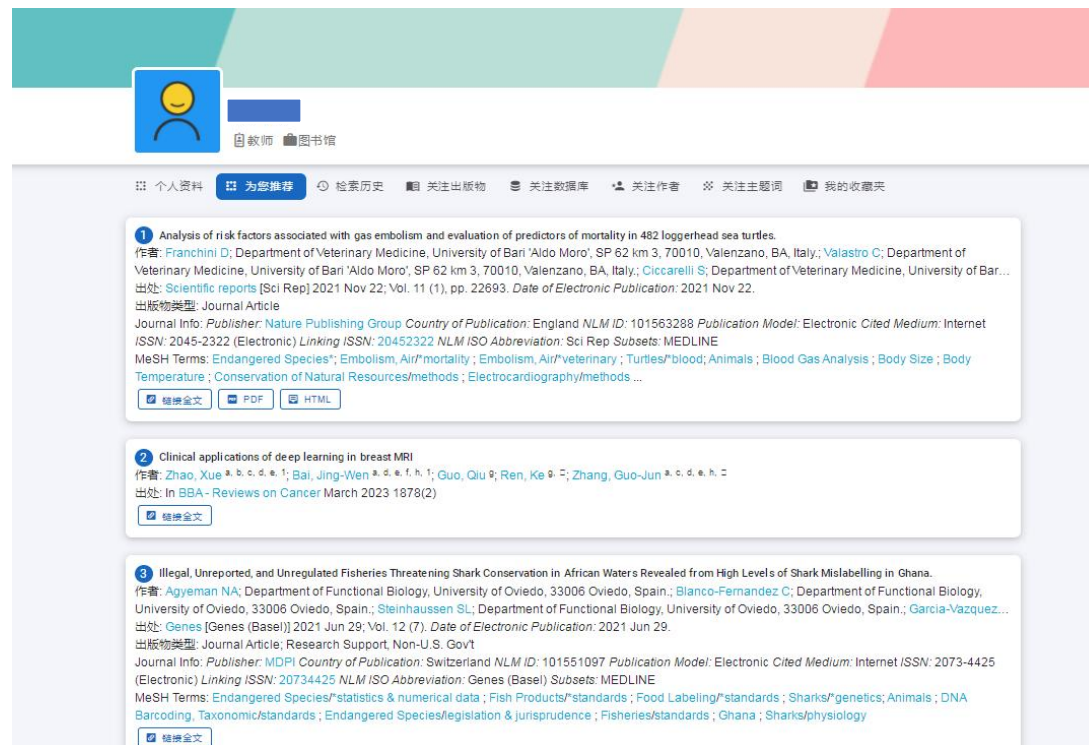
- Apunts Medicina de l'Esport**
ISSN: 02133717
EISSN: 18866581
关键词: Surgery
文献类型: 电子期刊
- Working USA**
ISSN: 10897011
EISSN: 17434580
关键词: Economics
- 清华法治论衡 = Tsinghua Forum of Rule of Law**
ISSN: 9787302217121
文献类型: 电子图书
- 藏学季刊 = Journal of Tibetology**
ISSN: 9787561473900
文献类型: 电子图书
- 意象**
ISSN: 9787301157244
文献类型: 电子图书
- 公共管理评论 第十六卷**
ISSN: 9787302384267
文献类型: 电子图书
作者: 吕永平主编
出版日期: 2014.09
- 高校教师信息化教学能力构成研究**
ISSN: 978756910194
文献类型: 电子图书
作者: 任应, 陈光海, 胡耀川编著
出版日期: 2018.02
- 国家精品课程**

四、深化资源组织、揭示与管理，创新服务方式

个性化的图书馆门户



实现了主页常用资源、服务的“个性化定制”



基于用户画像的读者个性化推荐服务

四、深化资源组织、揭示与管理，创新服务方式

学院门户

根据各学院需求定制专属学院资源门户，一院一门户

首页 图书馆主页

馆藏书目查询 学术资源 中文资源

题名 请输入你的搜索内容

对本馆馆藏文献资源（包括纸质图书、期刊、学位论文及部分电子书、期刊）等的书目做检索。

期刊榜 Journal

常用数据库 Database

顶级期刊榜 常阅期刊榜 发文期刊榜

全文数据库 查收索引数据库

REVIEWS OF MODERN PHY... Applied Physics Reviews

NATURE MATERIALS Nano Energy

Nature Photonics Physical Review X

ADVANCED MATERIALS SURFACE SCIENCE REPORTS

ADVANCES IN PHYSICS PROGRESS IN QUANTUM EL...

EBSCO 期刊 IOPP (英国皇家物理...)

ProQuest IEEE/ET Electronic Li...

Elsevier ScienceDirect... APS

SpringerLink电子期刊 Wiley期刊

Taylor & Francis 期刊... OSA E-journals

学科馆员 乔亚铮

联系电话: 826678511861
邮箱: 553600947@qq.com
学科服务QQ群号: 511026730 (物理)
职责: 1.查收索引 2.科技查新 3.学科服务
4.馆际互借和文献传递 5.资源与家服务
使用指导 6.宣传、培训

学术文章订阅与写作 Paper

CNS (Cell/Nature/Science) Physical Review Letters

physical review X 我校物理学科发文

arXiv LaTeX

The primordial differentiation of tumor-specific memory CD8+ T cells as bona fide responders to PD-1/PD-L1 blockade in draining lymph nodes

Publication date: Available online 7 October 2022Source: CellAuthor(s): Qizhao Huang, Xie Wu, Zhiming Wang, Xiangyu Chen, Lisha Wang, Yijun Lu, Dan Xiong, Qiao Liu, Yuhua Tian, Hueyu Li...

Intestinal mucin is a chaperone of multivalent copper

Publication date: Available online 6 October 2022Source: CellAuthor(s): Nava Reznik, Anastasia D. Gallo, Katherine W. Rush, Gabriel Javitt, Yael Fridmann-Sirkis, Tal Ilani, Noa A. ...

X-linked ubiquitin-specific peptidase 11 increases tauopathy vulnerability in women

Publication date: Available online 4 October 2022Source: CellAuthor(s): Yan Yan, Xinming Wang, Daie Chaput, Min-Kyoo Shin, Yeojung Koh, Li Gan, Andrew A. Pieper, Jung-A.A. Woo, David E. ...

A mechanism for SARS-CoV-2 RNA capping and its inhibition by nucleotide analogue inhibitors

Publication date: Available online 4 October 2022Source: CellAuthor(s): Liming Yan, Yucan Huang, Ji Ge, Zhenyu Liu, Pengchi Lu, Bo Huang, Shan Gao, Junbo Wang, Liping Tan, Sihua Ye...

Calcium transients on the ER surface trigger liquid-liquid phase separation of FIP200 to specify autophagosome initiation sites

Publication date: Available online 4 October 2022Source: CellAuthor(s): Xiaoxia Zheng, Yong Chen, Di Chen, Hongyu Zhao, Yun Feng, Quan Meng, Yan Zhao, Hong Zhang

Primate hemorrhagic fever-causing arteriviruses are poised for spillover to humans

新书推荐 Recommendation | 我要荐书

寻找薛定谔的猫

作者: (英) 约翰·格里宾著

ISBN: 978-7-5443-5994-8

寻找薛定谔的猫

傅里叶光学

量子物理导论

Electricity and magnetism

An Introduction to quantum...

Quantum theory for...

01 / 06

图书馆常用资源与服务 Library Service

网络数据库导航 学科数据门户 本馆学位论文 文献传递 校外访问 Endnote文献管理 学科索引 竞争情报

专利分析 讲稿培训 会议信息

四、深化资源组织、揭示与管理，创新服务方式

课程教材门户

V3.0 (正在与我校未来技术学院试点合作)

与学校其他教务系统共享集成，实现章节知识点抽取，可支持知识点得自主学习，同时提供交流互动

V1.0

注重资源数量和种类，未将课程与资源关联



V2.0

以选课信息为限定管控





四、深化资源组织、揭示与管理，创新服务方式

专题资源门户

2019年中国西部科技创新港—智慧学镇

- 教育部和陕西省人民政府共同建设的国家级项目
- **定位**：国家使命担当、全球科教高地、服务陕西引擎、创新驱动平台、智慧学镇示范
- **构成**：平台区、学院区及孵化区（理、工、医、文四大方向建立了8大平台、29个研究院和400多个科研平台）
- **宣言**：使命担当、科技报国、立德树人、构筑高地、服务社会、打造平台、发展新港

面向世界科技前沿

面向经济主战场

面向国家重大需求

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Source: *New Scientist*, 3/27/2021, Vol. 249 Issue 3327, p46-49, 4p.
- USE OF ARTIFICIAL INTELLIGENCE IN IN SILICO DRUG DISCOVERY OF PHARMACEUTICALS.**
Authors: Bhattacharyya, Sayani

Safe Planning and Control Under Uncertainty: A Model-Free Design With One-Step Backward Data

Authors: Li, C.; Liu, Q.; Qin, J.; Buss, M.; Hirche, S.
Source: *IEEE Transactions on Industrial Electronics*, IEEE Transactions on, 71(1):729-738 Jan, 2024

Entity and relation extraction from clinical case reports of COVID-19: a natural language processing approach

Authors: Raza, S.; Schwartz, B.
Source: *In: BMC Medical Informatics and Decision Making*, (BMC Medical Informatics and Decision Making, December 2023, 23(1))

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Source: *APPLIED MATHEMATICS IN SCIENCE AND ENGINEERING*, DEC 31 2023, 31 1, p2156502 26p.

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Authors: Hussain, A.; Musilek, P.
Source: *In: Energy and AI*, (Energy and AI, January 2024, 15)

The Evolution of Distributed Systems for Graph Neural Networks and Their Origin in Graph Processing and Deep Learning: A Survey.

Authors: Vatter, Jana
Source: *ACM Computing Surveys*, Jan2024, Vol. 56 Issue 1, p1-37. 37p.

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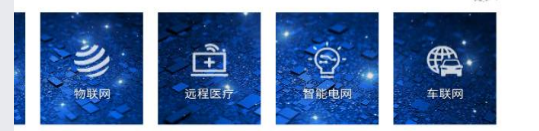
Authors: Meystre, S.M.; Heider, P.M.; Cates, A.; Bastian, G.; Pittman, T.; Gentilin, S.; Kelechi, T.J.
Source: *In: BMC Medical Research Methodology*, (BMC Medical Research Methodology, December 2023, 23(1))

Creating and validating predictive personas for target marketing

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Analysis of the microstructure and deformation mechanisms by compression along normal direction in a rolled AZ31 magnesium alloy

Authors: Hou, Dewen ^{a, b}; Liu, Tianmo ^{a, b, c}; Chen, Huicong ^{a, b}; Shi, Dongfeng ^{a, b}; Ran, Chunhua ^{a, b}; Pan, Fusheng ^{a, b}

Source: In Materials Science & Engineering A 13 April 2016 660:102-107

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Source: In Transactions of Nonferrous Metals Society of China February 2014 24(2):334-338

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Influences of heat treatment on microstructural evolution and tensile behavior of squeeze-cast Mg-Gd-Y-Zr alloy.

Authors: Wang, Cunlong; Wu, Guohua¹ ghwu@sju.edu.cn; Lavernia, Enrique²; Ding, Wenjiang¹

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Source: In Materials Science & Engineering A 10 January 2018 711:624-632

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Authors: Zhang, Li; Wang, Qudong ^c; Liao, Wenjun; Guo, Wei; Ye, Bing; Jiang, Haiyan; Ding, Wenjiang

Source: In Journal of Materials Science & Technology September 2017 33(9):935-940

Effect of element Ru on microstructure and creep behaviour of single crystal nickel-based superalloy.

Effect of element Ru on microstructure and creep behaviour of single crystal nickel-based superalloy.

Authors: Zhao, Guoqi¹; Tian, Ning²; Zhang, Shunke¹; Tian, Sugui^{1,2}; Zhu, Xinjie²

Source: Materials at High Temperatures, Jan-Mar2019, Vol. 36 Issue 2, p132-141. 10p. 2 Black and White Photographs, 5 Diagrams, 2 Charts, 3 Graphs.

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Source: European Journal of Operational Research, Jan2023, Vol. 304 Issue 2, p779-796, 18p.
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Source: In Desalination 15 December 2022 544
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Source: In Geosystems and Geoenvironment February 2023 2(1)
- Experimental study on failure and fracturing attributes of granite after thermal treatments with different cooling conditions**
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Source: In Engineering Geology 5 December 2022 310
- Ram pressure stripping in high-density environments**
Authors: Boselli, Alessandro; Fossati, Matteo; Sun, Ming
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- Truncation and Rounding-Based Scalable Approximate Multiplier Design for Computer Imaging Applications.**
Authors: Rooban, S.; Ratnam, A. Yamini Nage; Ramprasad, M. V. S.; Subbulakshmi, N.; Mageswari, R. Uma
Source: Computers, Materials & Continua; 2022, Vol. 73 Issue 3, p5169-5184, 16p
- An intelligent green scheduling system for sustainable cold chain logistics**
Authors: Shi, Yuhe^a; Lin, Yun^{a, *}; Lim, Ming K.^b; Tseng, Ming-Lang^{c, d}; Tan, Changlu^e; Li, Yan^f
Source: In Expert Systems With Applications 15 December 2022 209

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IKCEST“COVID-19疫情防控专栏”引联合国教科文组织多次关注！

知领 2020-05-21 17:20 发表于北京

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2020年4月8日，联合国教科文组织（UNESCO）在其官网和YOUTUBE网站发布了国际工程科技知识中心（IKCEST）“COVID-19疫情防控专栏”的介绍视频。5月20日，联合国教科文组织再次通过官方微信公众号介绍该专栏内容。（点击文末阅读原文，跳转观看原文）

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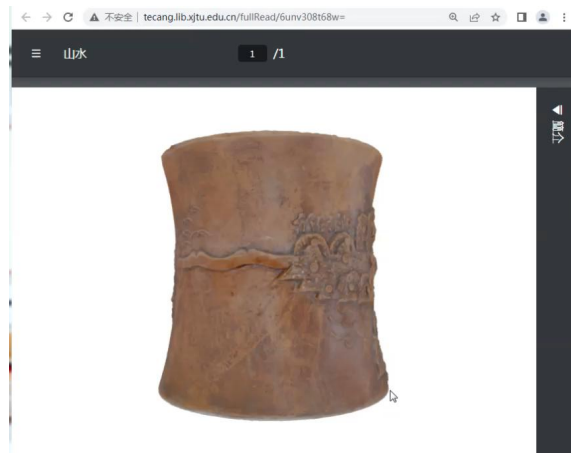
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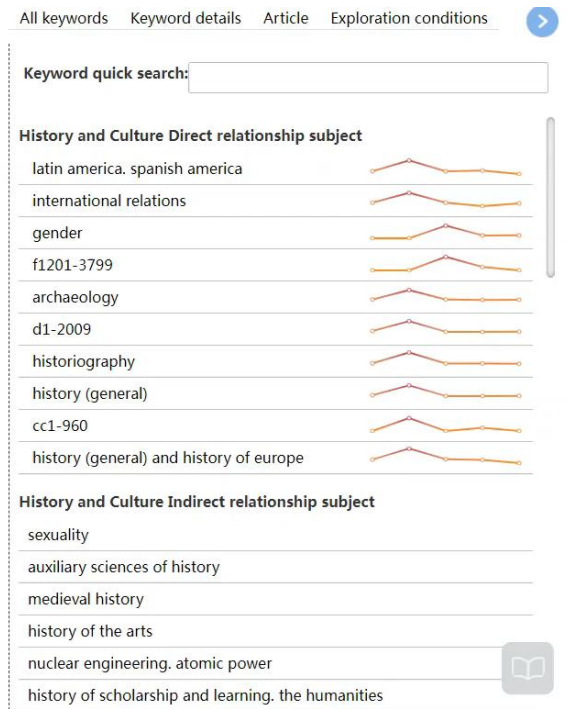
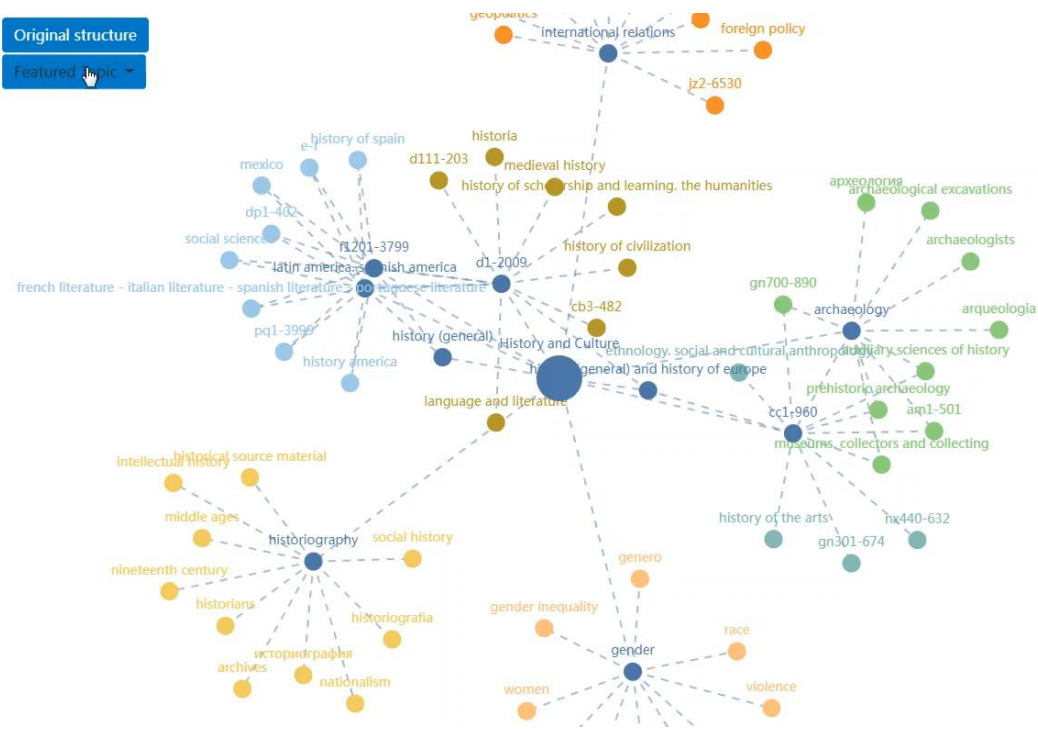


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Role of personal endorsement of outgroup members' distinctive values and need for cognitive closure in attitude towards the outgroup.

Authors : Yanjun Guan¹ yjguan@psy.cuhk.edu.hk; Bond, Michael; Zheng Huang²; Zhiyong Zhang³; Hong Deng³; Tian Hu³; Haiyan Gao³

Source : Asian Journal of Social Psychology. Mar2009, Vol. 12 Issue 1, pp54-62. 9p. 4 Charts, 2 Graphs.

Subject Terms : *CHINESE students; *OUTGROUPS (Social groups); *ENDORSEMENTS (Negotiable instruments); *ATTITUDE (Psychology)

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Asian Journal of Social Psychology

Asian Journal of Social Psychology (2009), 12, 54-62 DOI: 10.1111/j.1467-839X.2008.01270.x

Role of personal endorsement of outgroup members' distinctive values and need for cognitive closure in attitude towards the outgroup

Yanjun Guan,¹ Michael Harris Bond,¹ Zheng Huang,² Zhiyong Zhang,³ Hong Deng,³ Tian Hu³ and Haiyan Gao³

¹Chinese University of Hong Kong, Hong Kong, ²Renmin University of China, and ³Peking University, Beijing, China

The present study was designed to examine the role of the perceived culture of the outgroup and the perceiver's cognitive style on the intergroup process. We conducted a survey among mainland Chinese college students to discover the role of their personal endorsement of Hong Kong Chinese's distinctive values and need for cognitive closure in predicting their attitude towards the Hong Kong Chinese outgroup. Results showed that mainland Chinese who gave a higher endorsement of Hong Kong Chinese values were more likely to show a positive attitude towards Hong Kong Chinese, especially for people with a higher need for cognitive closure. These results were discussed in terms of the function of shared social reality on the formation of positive intergroup attitude. Future directions for intergroup research were proposed based on these findings.

Key words: culture, intergroup attitude, need for cognitive closure, values.

Introduction

By using the 'inter-subjective consensus approach' (e.g. Wan *et al.*, 2007b), the current study examines the role of identifying with the perceived culture of outgroups in predicting intergroup attitude, as well as the moderation effects of the need for cognitive closure (Kruglanski, 1989) on this

2004), and fulfills diverse motives of group members (e.g. Vignoles, Regalia, Manzi, Gollodge, & Scabini, 2006). One important function of social identity is to provide a meaningful culture shared among ingroup members based on their values, beliefs and norms (Pepton, 1976; Hogg, 2000). Group members are socialized to endorse the 'core' values, beliefs and norms of their group and form different

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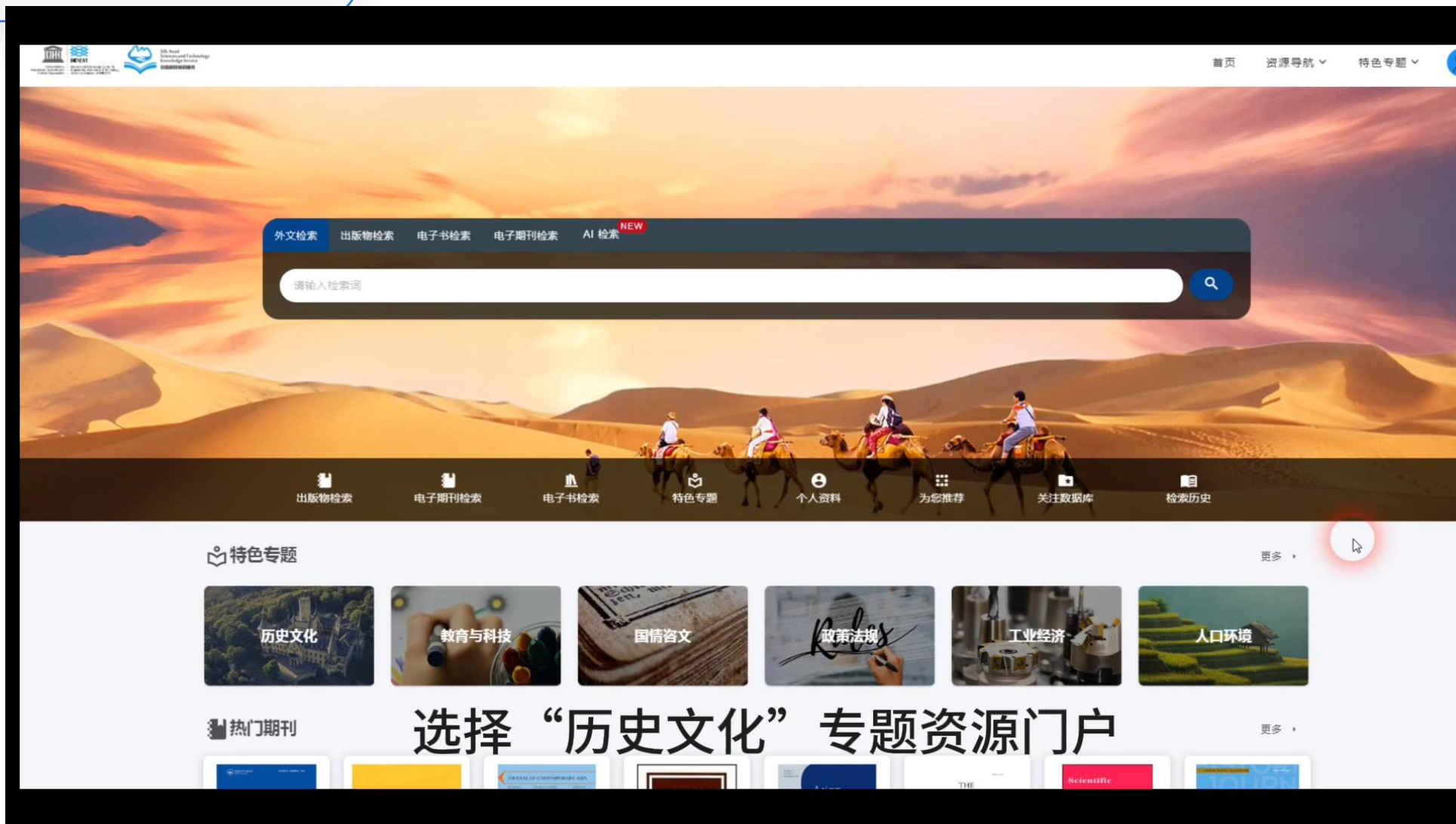
这篇文章主要研究了香港和大陆两个群体之间的文化差异，特别关注了香港华人对于价值观的认同程度。研究结果表明，香港华人在自主、普世主义、刺激、权力、成就和享乐等价值观方面与大陆华人存在差异。文章提到了一些实际意义，包括对香港华人的教育和培训的启示，以及认知封闭需求对这一过程的调节作用。文章还指出，尽管有一些研究已经进行，但在这个问题上仍需要更多的实验和纵向研究。总的来说，这篇文章的主题词包括文化差异、价值观、香港华人、中国大陆华人、教育和培训等。

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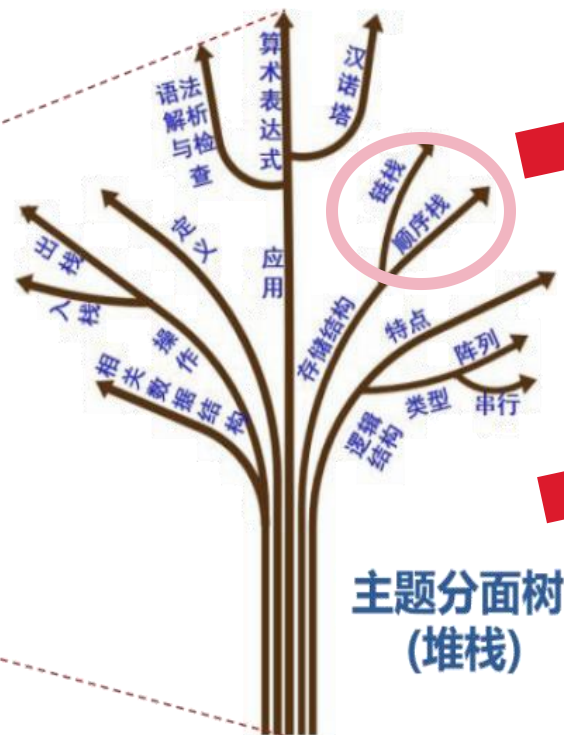
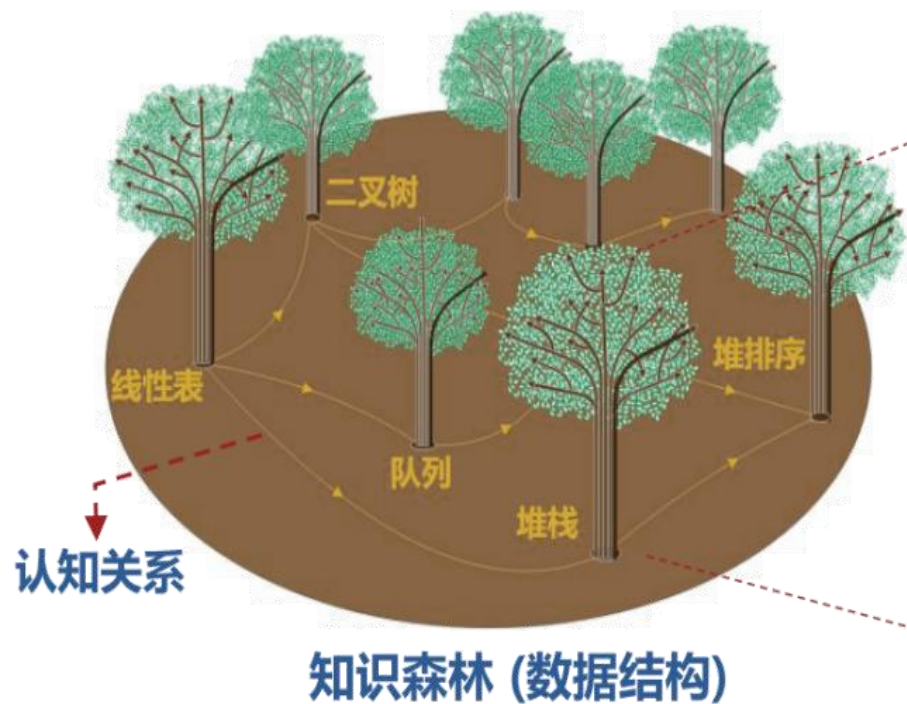
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目前的均衡策略主要有两种：基于电池外电压的均衡策略和基于电池SoC的均衡策略。

1. 基于外电压的均衡策略

传统的均衡方法不能从本质上认识电池组内部存在的不一致性现象。在实际操作时，直接选用容易测得的外电压作为均衡判断，以此来控制均衡，并将各单体电池外电压趋于一致作为均衡结束的条件。基于外电压的具体均衡策略如下：首先采集各单体电池的电压并计算电压的平均值 V_{avg} ，根据电压平均值确定均衡控制范围上限 $V_{avg} + dV$ 和下限 $V_{avg} - dV$ ，如下图所示，位于均衡控制范围内的电池认为是不需要均衡的，对于高于控制范围上限的单体电池进行放电均衡降低电压，低于控制范围下限的单体电池进行充电均衡提升电压，最后使得各单体电池电压都位于均衡控制范围内，实现均衡的目标。其中设立均衡控制范围可以避免对于某一单体电池的反复均衡，增加均衡系统的抗干扰能力。

电池电压

放电均衡

充电均衡

$V_{avg} + dV$

V_{avg}

$V_{avg} - dV$

- 《电池建模与电池管理系统设计》
- 《电力系统储能应用技术》
- 《储能功率变换与并网技术》



- 图书馆与授课教师合作完成主题分面树、碎片化知识的组织标引，共完成7个知识主题分面树

四、深化资源组织、揭示与管理，创新服务方式

赋能未来学习中心

The screenshot shows the homepage of the 'Knowledge Forest' learning platform. The header includes the XJTU logo and navigation buttons for '进入平台' (Enter Platform) and '登录' (Login). The main content area features the title '基于知识图谱的采集式学习平台' (Knowledge Graph-based Collection Learning Platform) and a sub-description: '以知识点全生命周期管理为主线，为师生提供集成知识点构建管理、公共资源采集标注与可视化教学导学的新型在线学习平台' (Mainly based on the full life cycle management of knowledge points, providing a new online learning platform for teachers and students with integrated knowledge point construction management, public resource collection, annotation, and visualization teaching guidance). A '进入平台' button is located below the text. A statistics bar displays four metrics: 4,484 platform visits, 10 knowledge forest total, 7,399 resource total, and 43 course/project total. Below this is a '知识森林 - KNOWLEDGE FOREST' section with tabs for '课程' (Courses) and '项目' (Projects), and a '查看更多' (View More) link. At the bottom, a large text block states: '西安交通大学基于知识图谱的采集式学习平台是由未来技术学院牵头，多部门联合参与的校级建设项目。' (The XJTU Knowledge Graph-based Collection Learning Platform is a school-level construction project led by the Future Technology College and jointly participated in by multiple departments.)

西安交通大学基于知识图谱的采集式学习平台是由未来技术学院牵头，多部门联合参与的校级建设项目。

四、深化资源组织、揭示与管理，创新服务方式

传播与推广



11.20-11.24

2023 电子资源展示周

讲座预告：
11.20 16:00-18:00 科研论文投稿发文技巧
11.21 16:00-18:00 EI Compendex和ScienceDirect数据库助力科研
11.22 16:00-18:00 新版Web of Science助你开启高效科研之旅
11.24 16:00-17:00 Scopus赋能科研
17:00-18:00 统一检索图书馆的外文电子资源——EBSCO Discovery Service资源发现系统介绍

讲座地点：创新港5-1w105

派发小礼品 讲座可盖章

四、深化资源组织、揭示与管理，创新服务方式



西安交通大学图书馆
XI'AN JIAOTONG UNIVERSITY LIBRARY

传播与推广

数据库使用通关

信息资源检索与利用实用技巧

学术资源获取途径

文献调研与论文写作指导

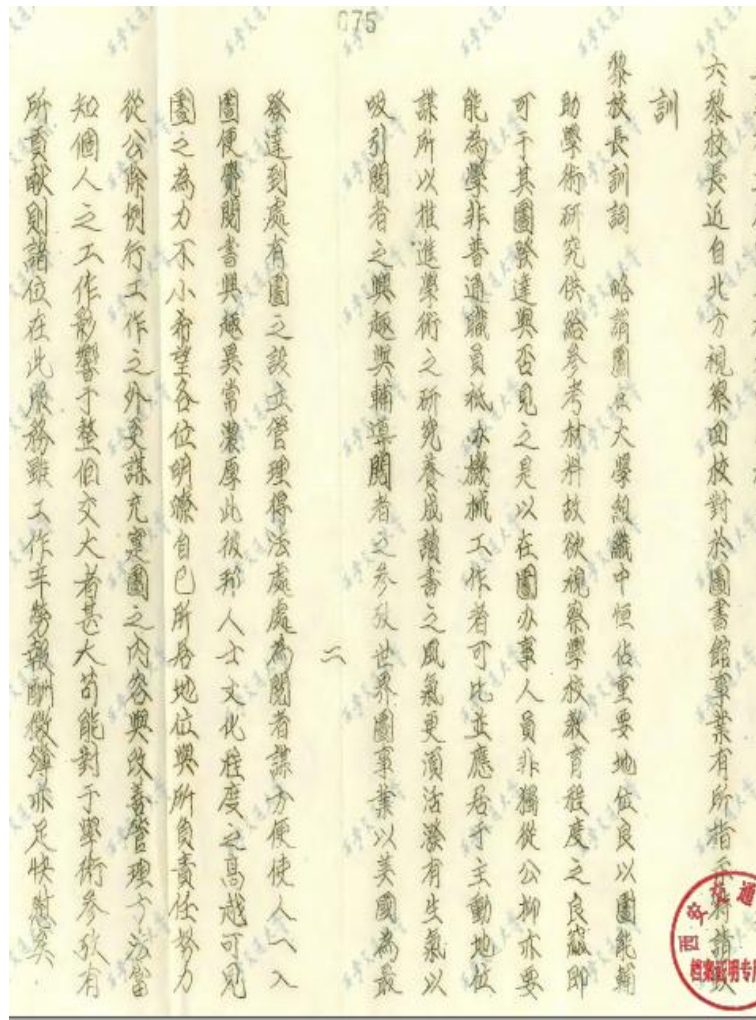
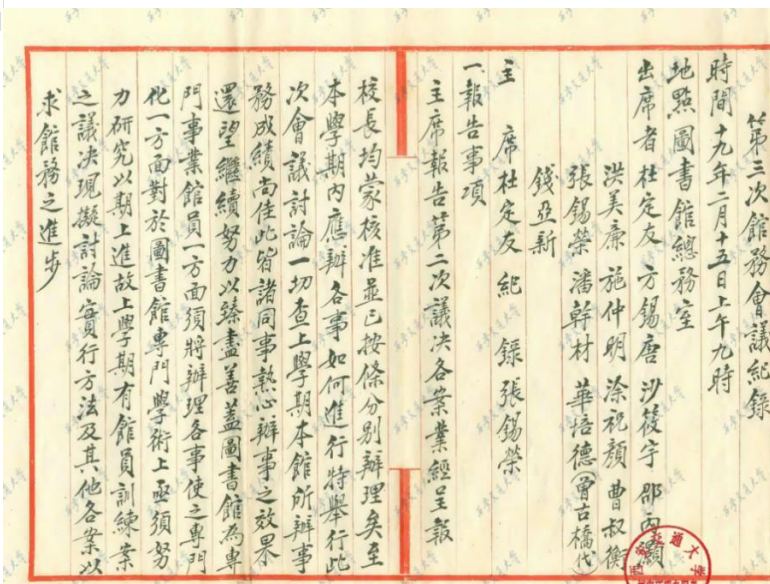
科研支持工具教学培训



四、深化资源组织、揭示与管理，创新服务方式



传播与推广

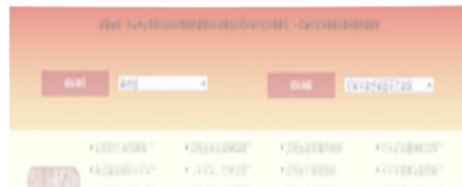
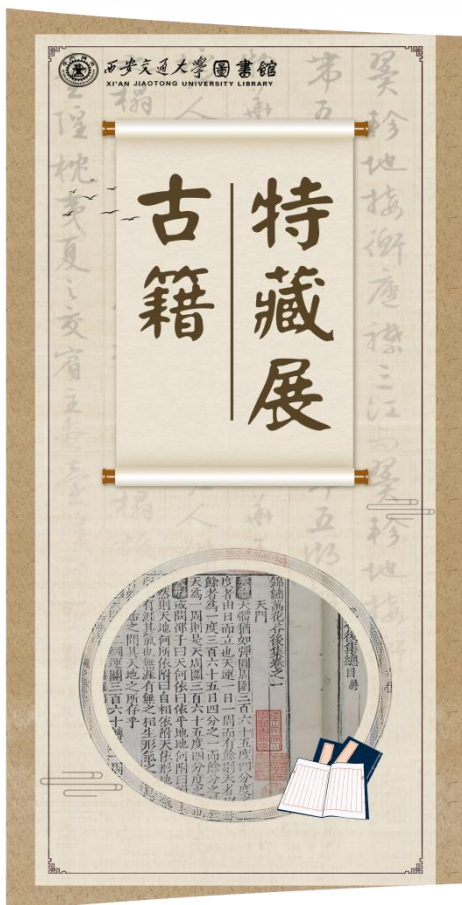


四、深化资源组织、揭示与管理，创新服务方式



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传播与推广



四、深化资源组织、揭示与管理，创新服务方式

传播与推广

樱花季云诵读
校樱花节配套活动

.....



世界读书日

樱花季



年度阅读统计报告
发布
万象更新书评征集
名师荐读.....

《围情书忆》
“趣”读书吧
悦读达人宣传推广

.....

毕业季

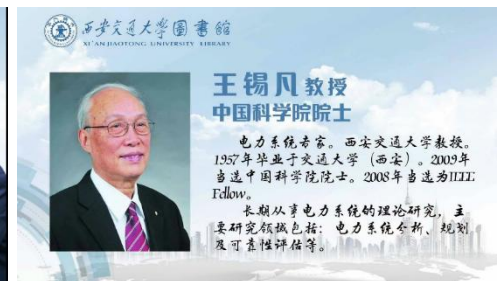


开学季

梧桐季云诵读
校梧桐节配套活动

.....

梧桐季





五、区域性资源共建共享

组建区域电子资源采购联盟

- 协调部分数据库地方团采购，限制资源不合理涨幅
- 倡导数字资源长期保存本土化
- 建立高效交流和议事机制及决策程序，提升信息传递效率



CADAL项目申报

承担实施了“CADAL成员馆特藏资源库平台建设”项目、“CADAL成员馆特藏库平台推广”项目

数据模板自定义

检索功能自定义

一站式检索

分类导航自定义

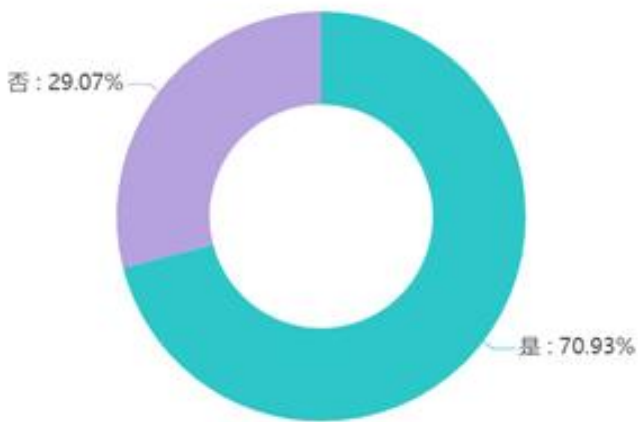
专题子库自定义

页面展示自定义

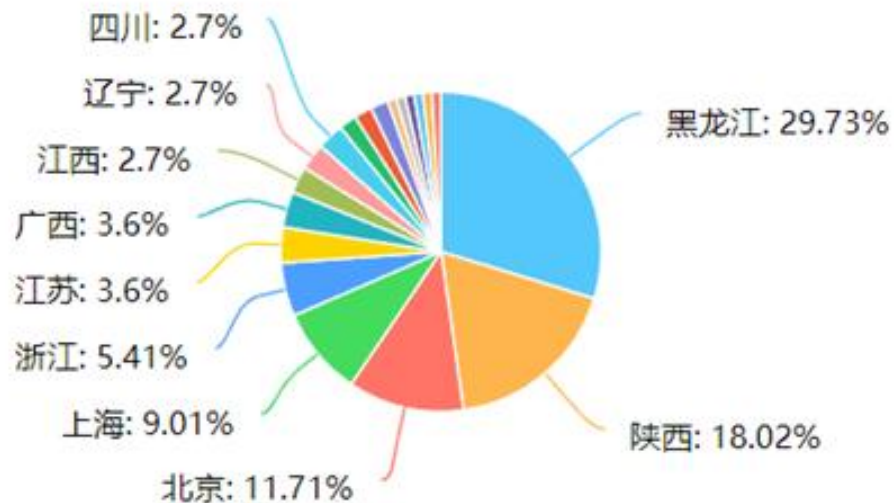


五、区域性资源共建共享

- 以CADAL成员馆为调研对象，由CADAL管理中心、地区中心通过电子邮件向成员馆发送问卷。
- 共收到来自覆盖**86**所高等院校的111份问卷。
- 根据问卷调研结果，在86个被调研的机构中，约**70.93%**的图书馆拥有特色资源，其资源特色体现在学科特色、地域特色、类型特色、时间特色等方面。



调研对象是否拥有特色资源



调研对象区域分布



调研对象特色资源词云



五、区域性资源共建共享

“CADAL成员馆特藏库平台建设”项目

通用型特藏资源库发布平台建立了多类型特藏资源一体化管理、多特藏库一站式发布、特藏价值多元化揭示、馆际特藏资源互联互通的解决方案



五、区域性资源共建共享

“CADAL成员馆特藏库平台建设”项目

数据模板自定义

专题子库自定义

检索功能自定义

多类型资源对象

一站式检索功能

代表性资源推荐

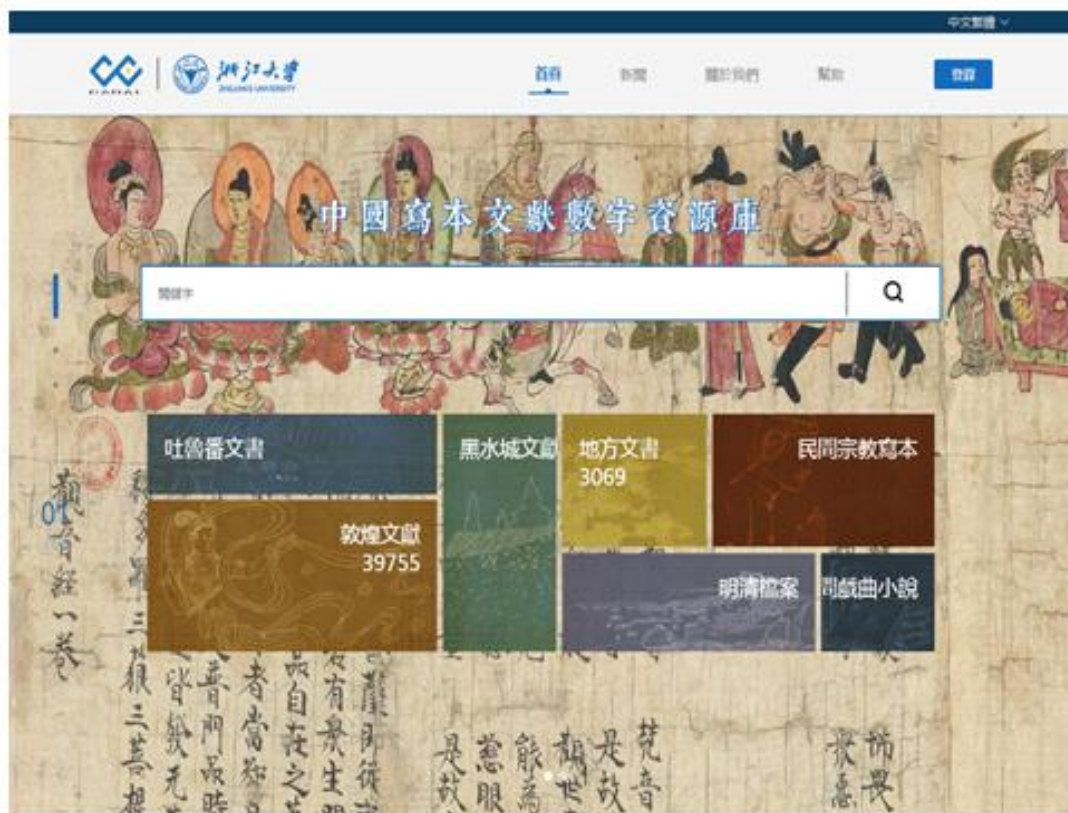
分类导航自定义

页面展示自定义

五、区域性资源共建共享

“CADAL成员馆特藏库平台建设”项目

应用案例



中国写本文献数字资源库



西安交通大学特藏资源专题门户



西安交通大学图书馆
XI'AN JIAOTONG UNIVERSITY LIBRARY

03

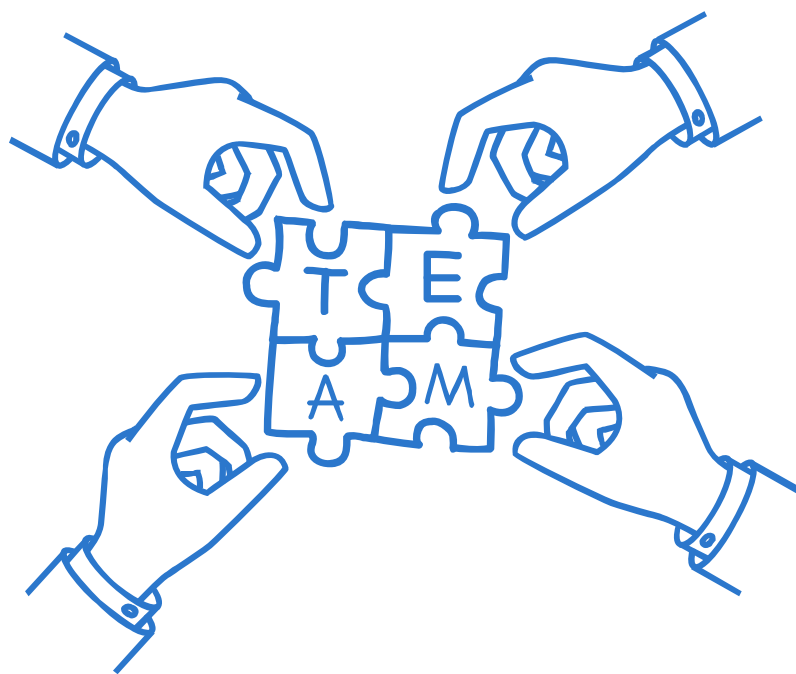
发展与思考



发展与思考

资源建设 稳根基

文化宣传 展形象



丰富内涵 强素质

创新服务 拓思路



发展与思考

共建共享

- 提升数字资源规模、质量管理能力
- 区域性信息港建设
- 特藏资源共建共享



数据分析

- 大数据技术
- 用户行为分析
- 馆藏资源管理
- 个性化服务
- 决策支持

组织揭示

- 知识图谱
- 知识森林导航
- 知识的重新管理
- 精准获取

积累创新

- 沉浸式学习
- 阅读体验
- 信息素养教育
- 技术引领

2024年高校图书馆发展论坛 山东 济南



西安交通大学图书馆
XI'AN JIAOTONG UNIVERSITY LIBRARY

未来图书馆，依托信息技术与人工智能，将实现资源的深度重组、精准索引、高效揭示、系统分析及深度挖掘，促进知识创新，形成知识应用与创新的正向循环。



西安交通大学图书馆 杨峰

2024年6月