CAMBRIDGE:
NEW ERA, NEW CHALLENGE, NEW OPPORTUNITIES
新时代、新挑战、新机遇

郭鹏
剑桥大学出版社
中国区客户经理

作为剑桥大学的一部分，我们从始至终致力于推动知识、学习和教育的发展。

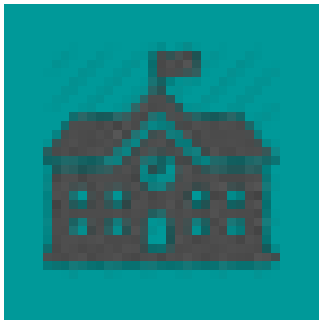
剑桥大学出版社主要出版中心位于剑桥和纽约。在110多个国家和地区有24000多名作者

严格的质量控制

“剑桥大学出版社学术委员会” 包括18位资深学术专家

每一本新书的出版或新刊的创建都必须经过学术委员会审议通过！

剑桥与中国一起成长



成都四川希望小学

2010年“剑桥图书在线”发布

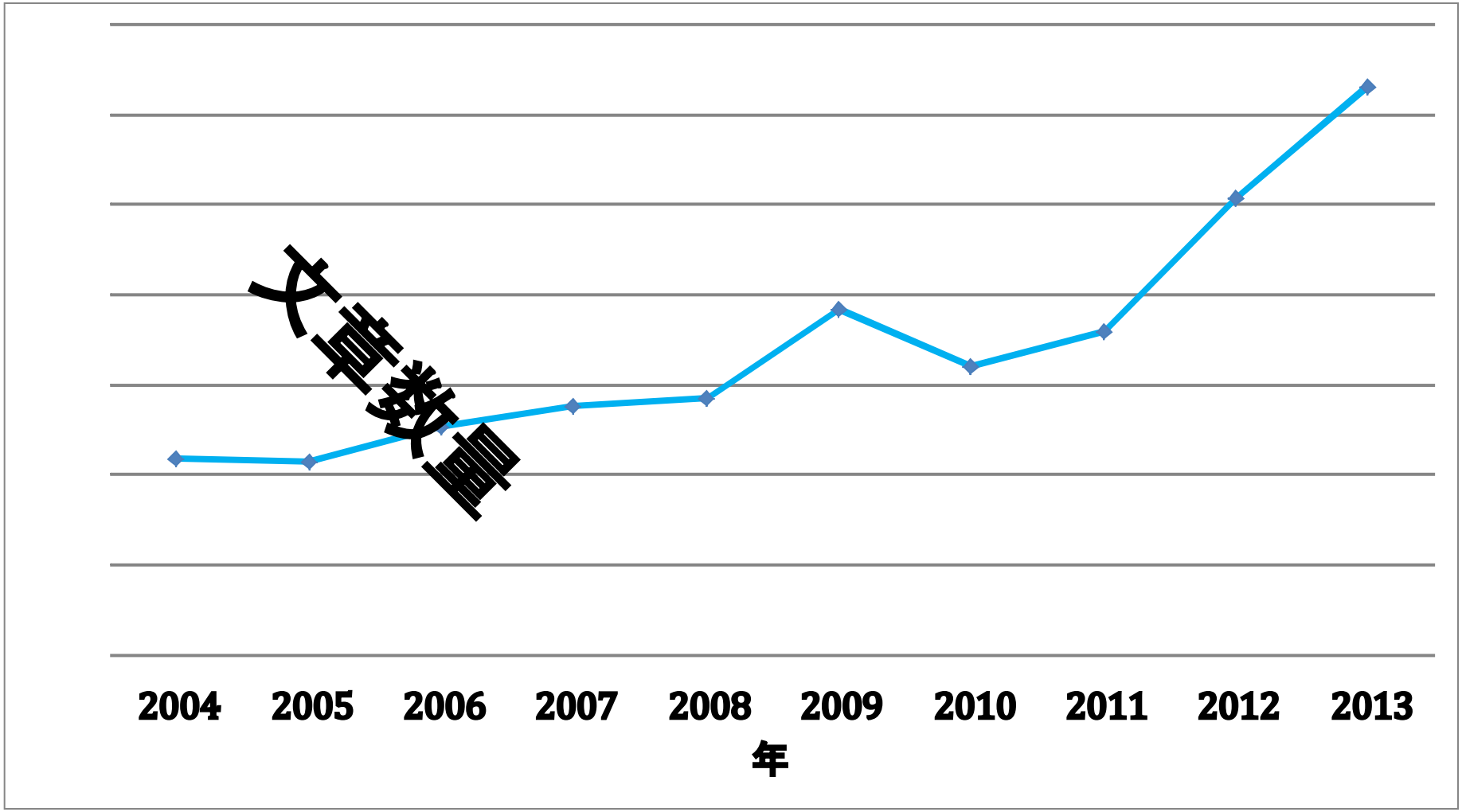
袁行霈《中华文明史》

期刊合作

2013上海/北京剑桥图书馆馆员日

CAMBRIDGE

2004-2013年间发文情况（中国）



Source： Web of science

CAMBRIDGE UNIVERSITY PRESS

哈尔滨工业大学 材料科学与工程学院 博导 沈军 教授

Mechanical performance and fracture behavior of Fe41Co7Cr15Mo14Y2C15B6 bulk metallic glass

作者: Chen, QJ (Chen, Q. J.); Shen, J (Shen, J.); Zhang, DL (Zhang, D. L.); Fan, HB (Fan, H. B.); Sun, JF (Sun, J. F.)

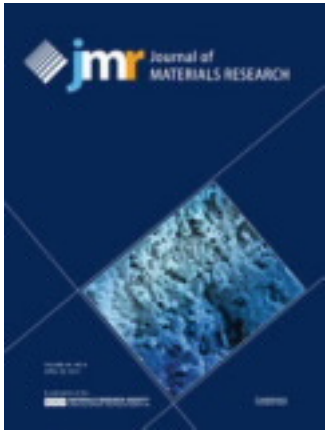
JOURNAL OF MATERIALS RESEARCH
卷: 22 期: 2 页: 358-363
DOI: 10.1557/JMR.2007.0038
出版年: FEB 2007
查看期刊信息

摘要

The mechanical properties of a new Fe41Co7Cr15Mo14Y2C15B6 bulk glassy alloy were studied by impact bending, compression, and hardness tests carried out at room temperature. The compressive fracture strength, elastic strain to fracture, Young's modulus and Vickers hardness were measured to be 3.5 GPa, 1.5%, 265 GPa, and 1253 kg mm(-2), respectively. The fracture mode of the glassy alloy under uniaxial compression is different from those of other bulk metallic glasses in that this fracture mode causes the samples to be broken, in an exploding manner, into a large number of micrometer-scale pieces. The fracture mechanisms of this bulk glassy alloy under bending and uniaxial compression are discussed based on the observation of the fracture surfaces. Vickers indentation tests indicate that the structure of the glassy ingot may be inhomogeneous.

关键词
KeyWords Plus: FORMING ABILITY; ZR-TI; ALLOYS; TOUGHNESS; TENSILE; SYSTEMS; FLOW

作者信息
通讯作者地址: Shen, J (通讯作者)
+ Harbin Inst Technol, Sch Mat Sci & Engn, Harbin 150001, Peoples R China
地址:
+ [1] Harbin Inst Technol, Sch Mat Sci & Engn, Harbin 150001, Peoples R China
+ [2] Harbin Inst Technol, Sch Mat Sci & Engn, Harbin 150001, Peoples R China
+ [3] Univ Waikato, Dept Mat & Proc Engn, Hamilton, New Zealand
电子邮件地址: junshen@hit.edu.cn



Plasticity of a TiCu-based bulk metallic glass: Effect of cooling rate

作者: Shen, J (Shen, J.); Huang, YJ (Huang, Y. J.); Sun, JF (Sun, J. F.)

JOURNAL OF MATERIALS RESEARCH
卷: 22 期: 11 页: 3067-3074
DOI: 10.1557/JMR.2007.0410
出版年: NOV 2007
查看期刊信息

摘要

Compressive deformation was experimentally investigated for Ti41.5Cu42.5Zr2.5Hf5Ni7.5Si1 bulk metallic glass (BMG) fabricated at different cooling rates. It was found that the ductility of the BMG alloy increased with increasing of the cooling rate in solidification. The alloy with a monolithic amorphous structure exhibited a large ductility, up to 12%. The effect of cooling rate on the ductility of the BMG alloy is interpreted in terms of the variation in amorphous nature and free volume of the as-cast materials.

关键词
KeyWords Plus: ENHANCED PLASTICITY; MATRIX COMPOSITES; HIGH-STRENGTH; MECHANICAL-PROPERTIES; AMORPHOUS-ALLOYS; FORMING ABILITY; GOOD DUCTILITY; CU-ZR; TRANSITION; BEHAVIOR

作者信息
通讯作者地址: Shen, J (通讯作者)
+ Harbin Inst Technol, Sch Mat Sci & Engn, Harbin 150001, Peoples R China
地址:
+ [1] Harbin Inst Technol, Sch Mat Sci & Engn, Harbin 150001, Peoples R China
电子邮件地址: junshen@hit.edu.cn

哈尔滨工业大学 航天学院 张幸红 教授

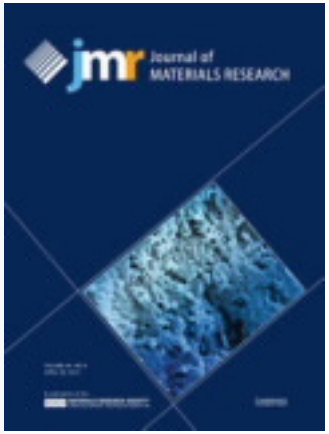
Structure evolution of ZrB2-SiC during the oxidation in air

作者: Zhang, XH (Zhang, Xing-Hong)[1]; Hu, P (Hu, Ping)[1]; Han, JC (Han, Jie-Cai)[1]

JOURNAL OF MATERIALS RESEARCH
卷: 23 期: 7 页: 1961-1972
DOI: 10.1557/JMR.2008.0251
出版年: JUL 2008
查看期刊信息

摘要

The structure evolution and oxidation behavior of ZrB2-SiC composites in air from room temperature to ultrahigh temperature were investigated using furnace testing, arc jet testing, and thermal gravimetric analysis (TGA). The oxide structure changed with the increasing temperature. SiC content has no apparent influence on the evolution of structure during the oxidation of ZrB2-SiC below 1600 degrees C. However, the evolution of structure for ZrB2-SiC above 1800 degrees C was significantly affected by the SiC content. The formation of the SiC depleted layer in the ZrB2-SiC system not only depends on the surrounding conditions of pressure and temperature but also on the structure distribution of the SiC in the ZrB2 matrix. The apparent recrystallization of the ZrO2 occurred above 1800 degrees C. The SiC content should be controlled at similar to 16% in the ZrB2-SiC system for the ultrahigh-temperature application. The mechanisms of the structure evolution during oxidation in air were also analyzed.



关键词

KeyWords Plus: HIGH TEMPERATURE CERAMICS; HFB2-SIC COMPOSITE; SILICON-CARBIDE; ZIRCONIUM; BEHAVIOR; HAFNIUM

作者信息

通讯作者地址: Zhang, XH (通讯作者)
+ Harbin Inst Technol, Ctr Composite Mat, Harbin 150001, Peoples R China.
地址:
+ [1] Harbin Inst Technol, Ctr Composite Mat, Harbin 150001, Peoples R China
电子邮件地址: zhangxh@hit.edu.en; huping@hit.edu.cn

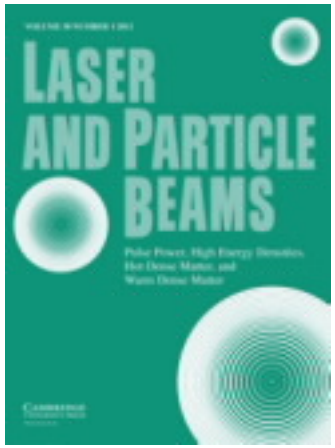
Investigation of serial coherent laser beam combination based on Brillouin amplification

作者: Wang, SY (Wang, Shuangyi); Lu, ZW (Lu, Zhiwei); Lin, DY (Lin, Dianyang); Ding, L (Ding, Lei); Jiang, DB (Jiang, Dongbin)

LASER AND PARTICLE BEAMS
卷: 25 期: 1 页: 79-83
DOI: 10.1017/S0263034607070127
出版年: MAR 2007
查看期刊信息

摘要

Based on transferring energy from Multiple pump beams into one Stokes beam using Brillouin amplification, a serial coherent laser beam combination scheme is presented, which has many advantages, such as, simple structure, low cost, ease of adjustment, higher load capability, scalable easily, etc. Furthermore, it has been demonstrated that the combination of several beams using this method is theoretically possible. But in practice, the amplification of high power Stokes beam is a key problem to solve. In this paper, the amplification of Stokes beam whose power is higher than the pump beam is first studied and proved experimentally. Coupling the two laser beams by this method is proved experimentally, and the coupling efficiency reaches more than 80%. Then the feasibility of multiple beams combination based on Brillouin amplification is analyzed and tested theoretically.



关键词

作者关键词: beam combination; Brillouin amplification; stimulated Brillouin scattering
KeyWords Plus: HIGH-POWER; SCATTERING; MIRRORS; DRIVER

作者信息

通讯作者地址: Lu, ZW (通讯作者)
+ Harbin Inst Technol, Inst Optoelect, POB 309, Harbin 150001, Peoples R China.

地址:
+ [1] Harbin Inst Technol, Inst Optoelect, Harbin 150001, Peoples R China
[2] Res Ctr Laser Fus, Mianyang, Peoples R China

电子邮件地址: zw_lu@sohu.com

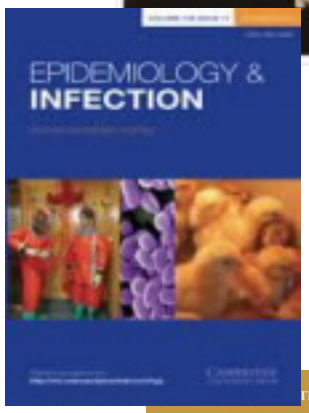
中国现代医学先驱 – 伍连德博士

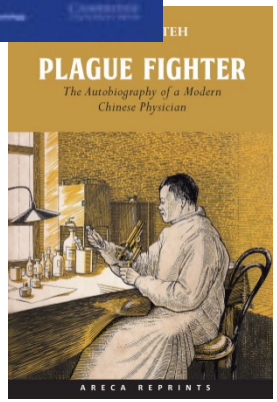
- 剑桥大学的第一个华人博士（1903年），获剑桥五个学位
  - 剑桥大学医学学士学位
  - 剑桥大学文学学士学位
  - 剑桥大学外科学硕士学位
  - 剑桥大学文学硕士学位
  - 剑桥大学医学博士学位（时年仅24岁）

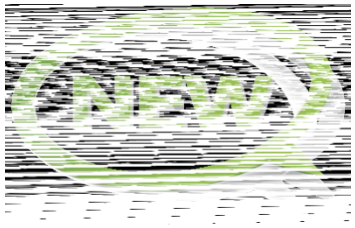
- 创建哈尔滨医科大学、北京协和医院，北大人民医院，中华医学会等等，

- 在剑桥的《流行病与传染》期刊上发表过7篇文章，包括对当时他领导的东北大鼠疫防治工作全面分析和报告的文章*First Report of the North Manchurian Plague Prevention Service*

- 剑桥出版过其*自传 Plague Fighter: The Autobiography of a Modern Chinese Physician*（《鼠疫斗士：一个现代中国医生的自传》）







“新”的诞生

PDA、EBA……
以使用率和用户为导向的全新购买方式

期刊和图书：开放式获取

发现系统的“普及”

ORCID (Open Research Contributor ID)

Altmetric
信息计量学

CAMBRIDGE

剑桥期刊在线

Cambridge Journals Online

journals.cambridge.org

CAMBRIDGE
UNIVERSITY PRESS

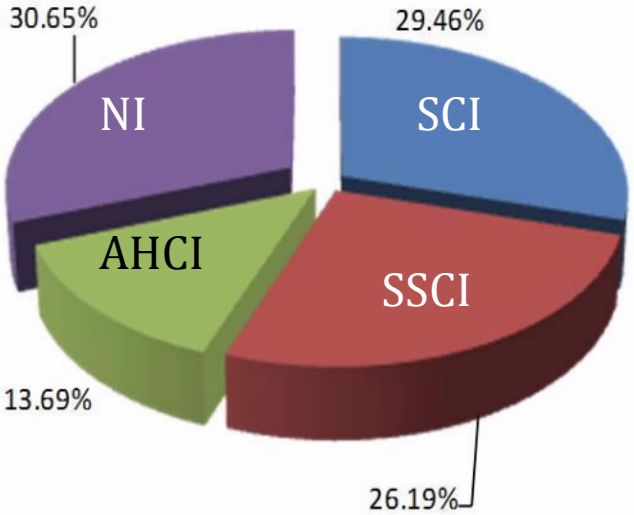
剑桥期刊概况

- 2014年出版超过330种学术期刊，涵盖大部分学科，其中70% SCI、SSCI和AHCI收录

- 《中国季刊》、《美国政治科学评论》、《流体力学》、美国材料学会的期刊以及英国营养学期刊等大量顶级经典刊物。学科刊群优势明显。

- 平台使用方便，期刊与电子书交叉检索使用。

剑桥期刊的收录情况（JCR2012）



2013 CALIS用户期刊利用排名

Journal of Fluid Mechanics	流体力学
Journal of Materials Research	材料研究
The China Quarterly	中国季刊
British Journal of Nutrition	英国营养学研究
Behavioral and Brain Sciences	行为与脑科学
Journal of Financial and Quantitative Analysis	金融与定量分析
The Journal of Agricultural Science	农业科学杂志
Robotica	机器人学
Bulletin of Entomological Research	昆虫学报告
Studies in Second Language Acquisition	第二语言习得

人文社科HSS刊物量和收录比例

学科	刊量	SSCI&AHCI收录	比例
历史	28	23	82%
法律	24	8	33%
政治和国际关系	23	18	78%
语言学	22	17	77%
经管	17	12	70%
地域研究	17	12	70%
音乐、戏剧和表演艺术	16	13	81%
社会学	13	10	76%
哲学	10	6	60%
宗教研究	9	7	77%
考古和人类学	6	4	66%

CAMBRIDGE

13种人文类期刊在所属学科排名前10,其中10种前5

期刊名称	JCR 分类	JCR2012影响因子排名	JCR2012 影响因子
American Political Science Review	POLITICAL SCIENCE	1/157	3.933
Behavioral and Brain Sciences	PSYCHOLOGY, BEHAVIORAL SCIENCES/NEUROSCIENCES	1/49 (BEHAVIORAL SCIENCES)	18.571
Journal of Global History	History	2/69	1.023
Development and Psychopathology	PSYCHOLOGY, DEVELOPMENTAL	3/65	4.926
International Organization	International Relations	3/82	2.49
Du Bois Review-Social Science Research on Race	ETHNIC STUDIES	4/16	1.174
Comparative Studies in Society and History	History	4/69	0.8
World Politics	International Relations	4/82	2.308
Bilingualism: Language and Cognition	Linguistics	5/160	2.229
Journal of Economic History	History of Social Science	5/33	0.766
Perspectives on Politics	POLITICAL SCIENCE	10/157	1.963
Politics & Gender	WOMEN'S STUDIES	10/38	0.882
Africa	AREA STUDIES	10/65	0.855

CAMBRIDGE UNIVERSITY PRESS

科技类STM刊物量和收录比例

学科	刊量	SCI 收录	比例
农学、动植物学	13	9	69%
计算机科学	9	9	100%
地球大气科学	11	9	82%
环境和环保	11	8	73%
工程	5	1	20%
数学	22	18	82%
材料学	5	4	80%
医学生命科学	29	19	70%
营养学	5	4	80%
物理	8	7	87%
心理和精神病学	25	16	64%

8种STM类期刊在所属学科排名前10,其中6种前5

Title		JCR Category	JCR2012 IF-Rank	JCR2012 Impact Factor
Journal of Agricultural Science	Agriculture	AGRICULTURE, MULTIDISCIPLINARY	2/57	2.878
Microscopy and Microanalysis	Biology and Biomedical Sciences	MICROSCOPY	2/9(Microscopy) or 45/239（materials sci）	2.495
Quarterly Reviews of Biophysics	Cell Biology	BIOPHYSICS	4/72	11.875
Nutrition Research Reviews	0954-4224	NUTRITION & DIETETICS	4/76	5.5
PSYCHOLOGICAL MEDICINE	Psychology & Psychiatry	PSYCHOLOGY, CLINICAL	5/114	5.587
Journal of Navigation	Earth & Atmospheric Science	ENGINEERING, MARINE	5/14	0.618
International Psychogeriatrics	1041-6102	GERONTOLOGY	8/30	2.188
Animal	1751-7311	AGRICULTURE, DAIRY & ANIMAL SCIENCE	9/54	1.648

CAMBRIDGE

分学科一览

- 数学
- 物理
- 计算机
- 农学与生化
- 医学
- 语言学
- 经济学
- 政治与国际关系
- 地域研究

CAMBRIDGE

与全球重要机构和学会联合出版的顶级期刊

刊物	合作单位
American Political Science Review	美国政治科学协会
Journal of Australian Mathematical Society	澳大利亚数学学会
World Trade Review	WTO(世贸组织)
Compositio Mathmatica	伦敦数学学会
British Journal of Nutrition	英国营养学学会
Business History Review	哈佛大学
Environment and Development Economics	瑞典皇家科学院
International Review of the Red Cross	国际红十字会
Robotica	国际机器人联合会
The Second Language Acquisition	美国应用语言学学会
……	……

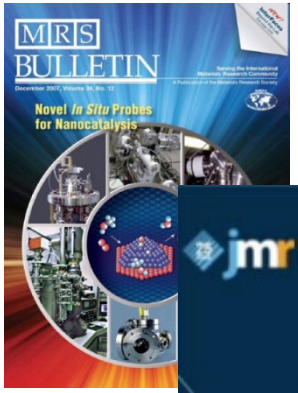
CAMBRIDGE UNIVERSITY PRESS

重点推介：材料学

MRS

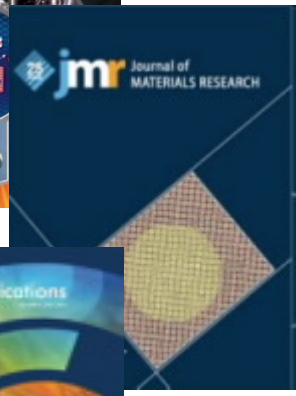
MRS Bulletin

- 材料研究学会通报 （影响因子: 4.95）



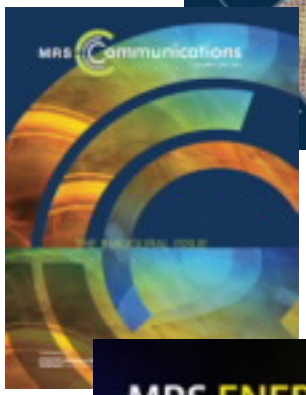
Journal of Materials Research

- 材料研究期刊 （影响因子: 1.434）



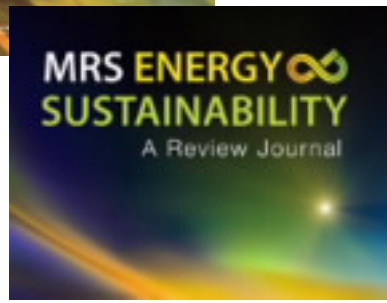
MRS Communications

- 材料研究学会通讯 （2011年创刊,已被SCI收录）



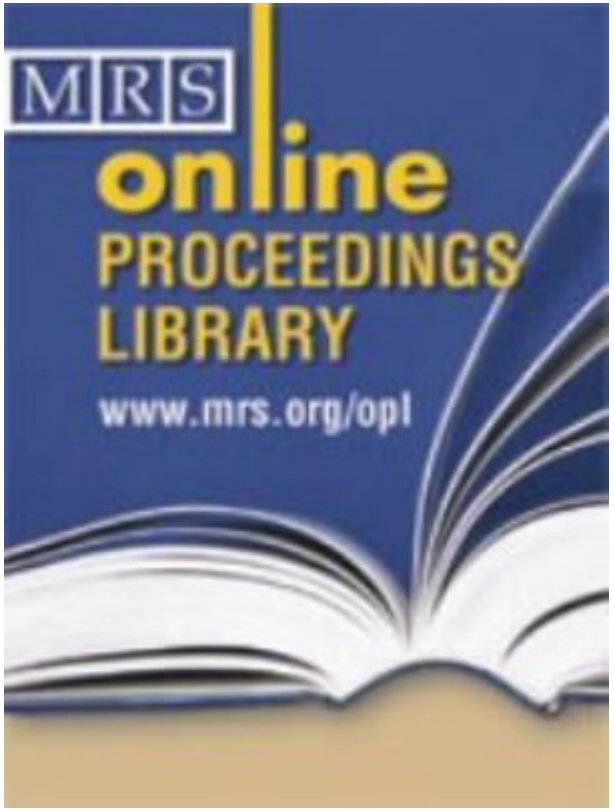
MRS Energy & Sustainability : A Review Journal

- 能源和可持续性发展 （2014年新刊）



CAMBRIDGE

材料学会在线会议论文集

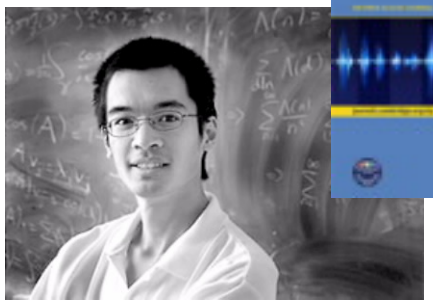


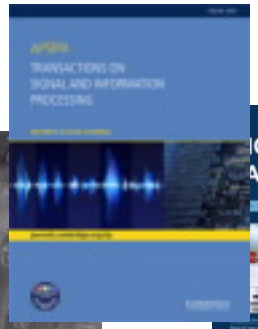
详细记录过去三十年材料科学的发展

含超过100,000篇会议论文，每天更新

“新”的出版形式：Open Access

- 剑桥大学出版社6种纯OA期刊，及混合期刊，高质量
- 《Forum of Mathematics, Pi》
  《Forum of Mathematics, Sigma》
  编委均为获得菲尔茨奖章的数学大家，可谓明星云集





ORCID和Altmetric

Welcome to NLC CJDA 2011

Twinning Trial

MathJax Switch off

What is MathJax?

ABOUT AUTHOR QUERY

JOURNAL INFORMATION

JOURNAL CONTENT

SUBSCRIBE AND RECOMMEND

RELATED LINKS

ARTICLE MENU

SPECIAL SALES

TOOLS

ACCESS INFORMATION

Journal of Fluid Mechanics

Journal of Fluid Mechanics / Volume 735 / November 2013, pp 613-646

©2013 Cambridge University Press

DOI: http://dx.doi.org/10.1017/jfm.2013.520 (About DOI), Published online: 29 October 2013

Table of Contents - Volume 735 - 2013

PDF (2.461 MB) References (92 KB) Request Permissions Altmetric 12

Previous Abstract | Next Abstract

Metrics Altmetric 9

Blogged by 1

Tweeted by 3

0 readers on Mendeley

0 readers on CiteULike

See more details | Close this

Papers

Laminar–turbulent transition induced by supersonic boundary layer

N. De Tullio[a1 c1 id1], P. Paredes[a2], N. D. Sar

[a1] Aeronautics and Astronautics, Faculty of Engineering and the Environment, University of Southampton, Southampton SO17 1BJ, UK

[a2] School of Aeronautics, Universidad Politécnica de Madrid, Plaza Cardenal Cisneros 3, E-28040 Madrid, Spain

id1 http://orcid.org/0000-0001-8376-4337

Abstract

The linear instability and breakdown to turbulence induced by an isolated roughness element in a boundary

42

Score in context

Article is amongst the highest ever scored in this journal (ranked #35 of 632)

show more...

Mentioned by

4 news outlets

8 tweeters

1 Weibo user

Extended lifesp the FAT10 gen

News Twitter Weibo

So far Altmetric has seen 11

Labone

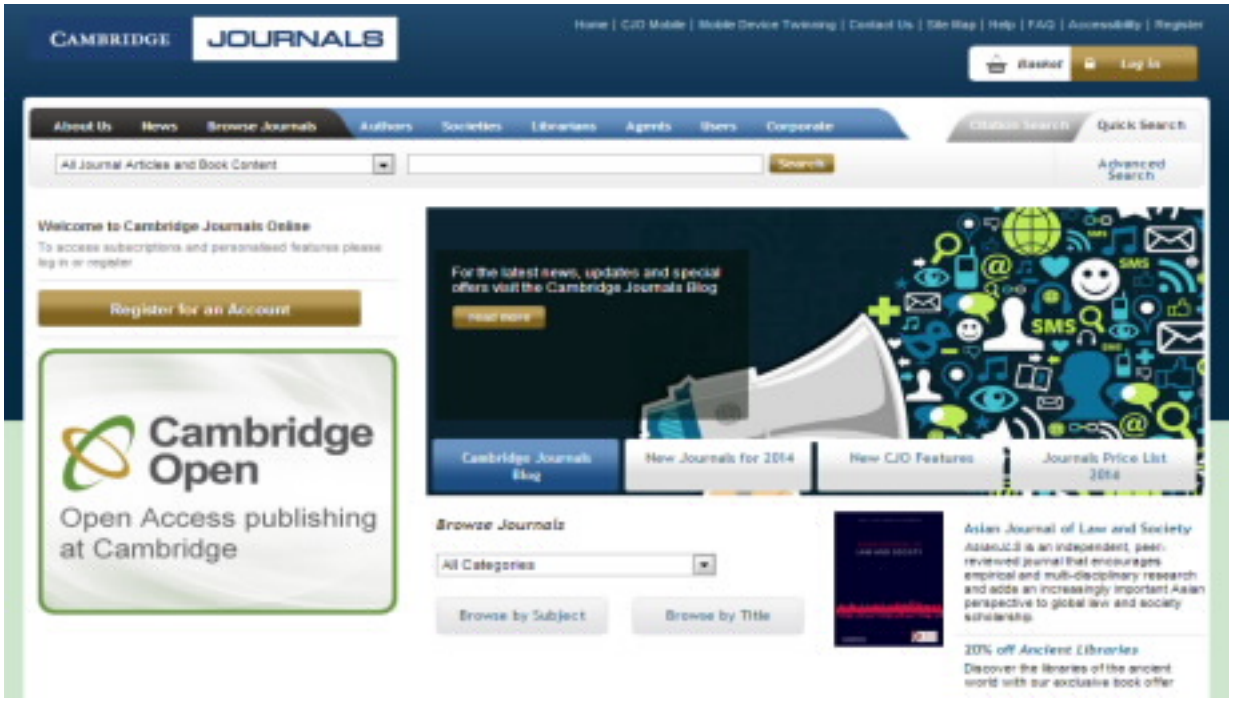
【研究发现长寿新通路—氨基己糖途径】衰老伴随着蛋白平衡的失控。而蛋白合成与降解依赖于内质网。研究者发现ER蛋白的正确折叠需要恰当的糖基化修饰，而氨基己糖途径正是N-聚糖的重要来源，活化该途径可强化内质网功能而延长寿命，补充N-聚糖的前体n-乙酰葡糖胺可杯可延长寿命。http://t.cn/8sw06Hw

14-Mar-2014

和新浪微博链接

NEW

平台调整——提升访问速度


CAMBRIDGE JOURNALS
Welcome to Cambridge Journals Online
Register for an Account
Cambridge Open
Open Access publishing at Cambridge
For the latest news, updates and special offers visit the Cambridge Journals Blog
Cambridge Journals Blog
New Journals for 2014
New CJO Features
Journals Price List 2014
Browse Journals
All Categories
Browse by Subject
Browse by Title
Asian Journal of Law and Society
20% off Ancient Libraries

内容分发网络
Content Delivery Network

采用CDN加速技术及增加服务器

CAMBRIDGE

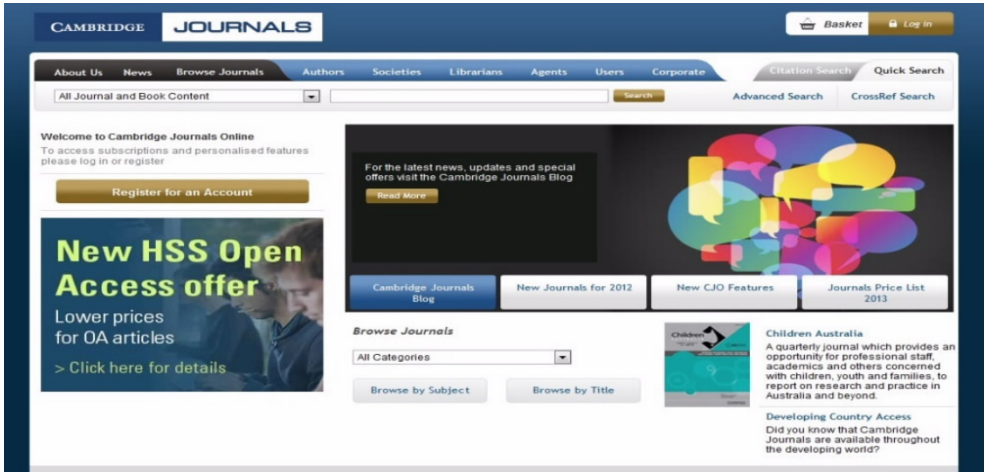
剑桥期刊回溯库

国家图书馆
NATIONAL LIBRARY OF CHINA

CAMBRIDGE
UNIVERSITY PRESS

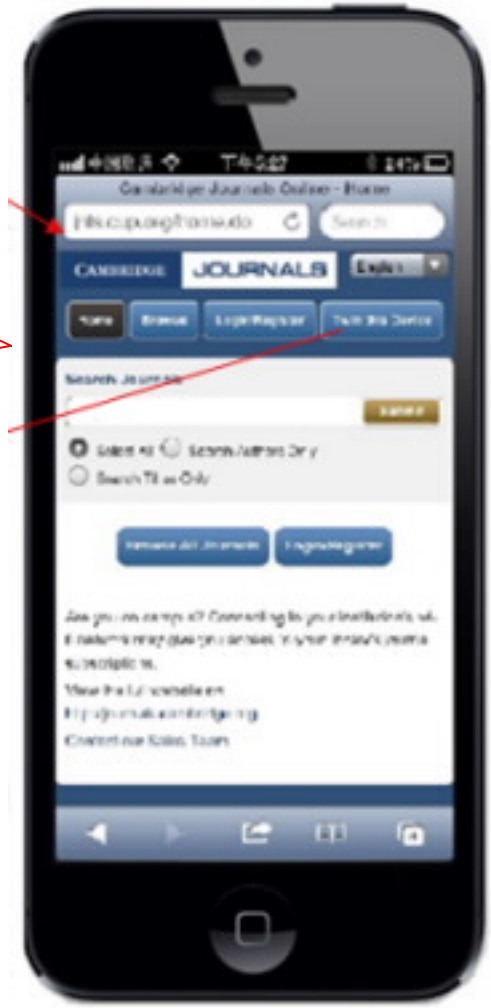
剑桥期刊回溯库信息

- 内容: 包含207种期刊,
- 参考索引超过八百万条。
- 回溯年限:1770年至1996年。
- 根据2013年使用情况，多数高校平均过刊用量是现刊的20%-25%左右，
- 免费申请开通
- 无后续平台费



通过移动终端访问CJO

使用移动设备访问剑桥期刊站点时，页面将自动跳转至精简版，CJOm（http://jnls.cup.org）为您节省流量并加快访问速度



CAMBRIDGE

剑桥图书在线

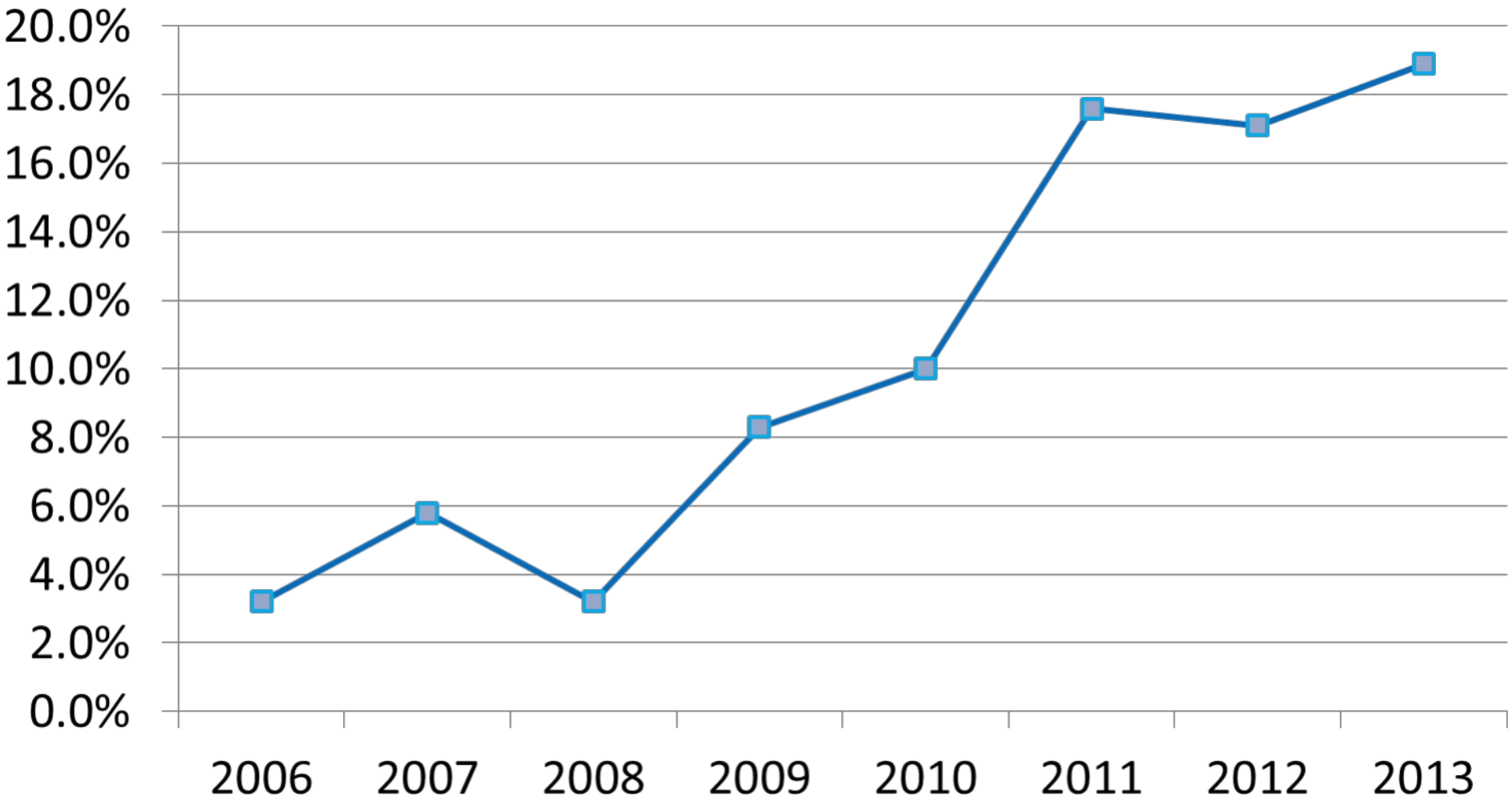
Cambridge Books Online

ebooks.cambridge.org

CAMBRIDGE
UNIVERSITY PRESS

CAMBRIDGE

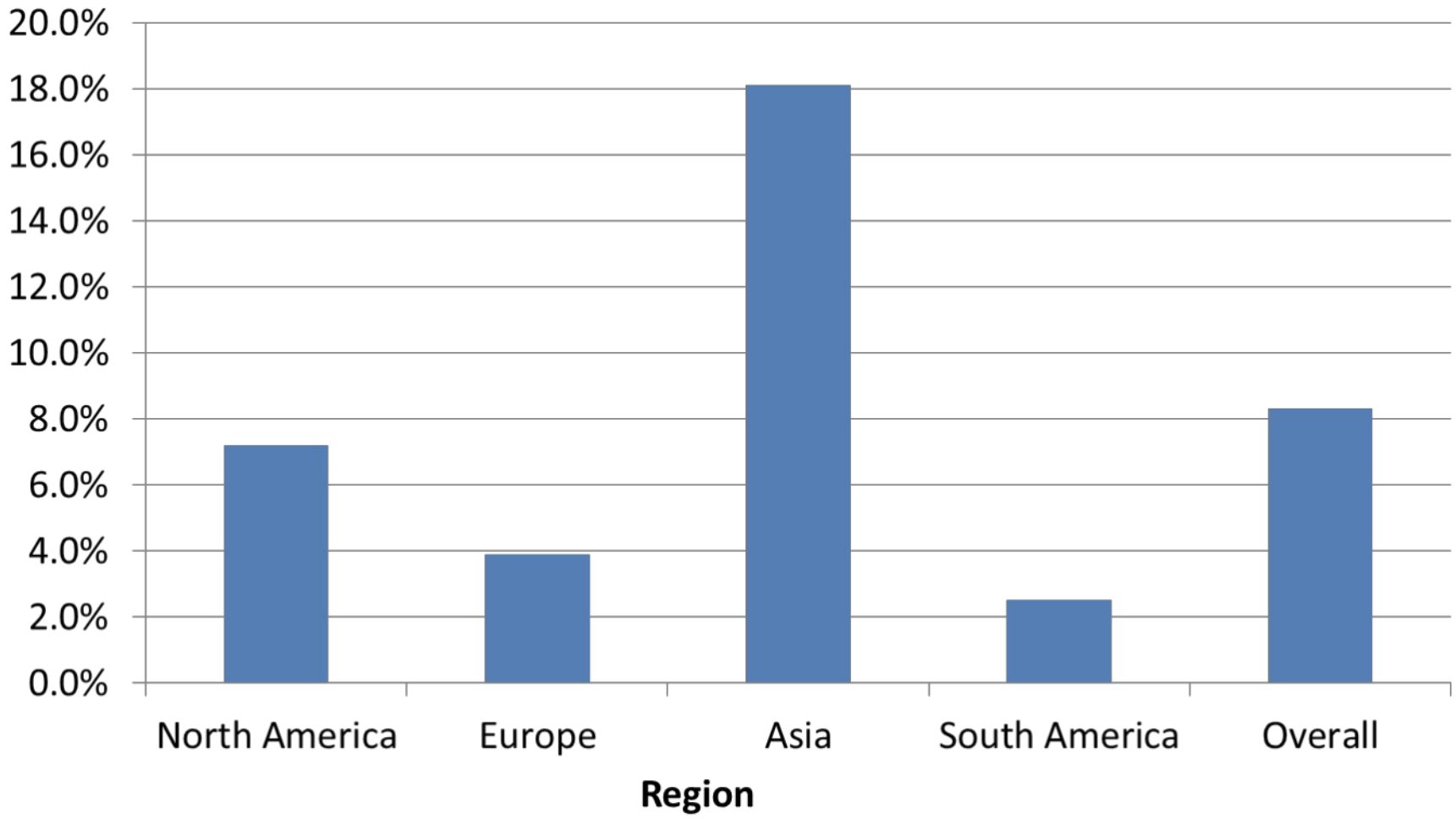
图书馆图书预算百分比（电子书）



Source: Survey of librarians by Publishers Communications Group, 2014

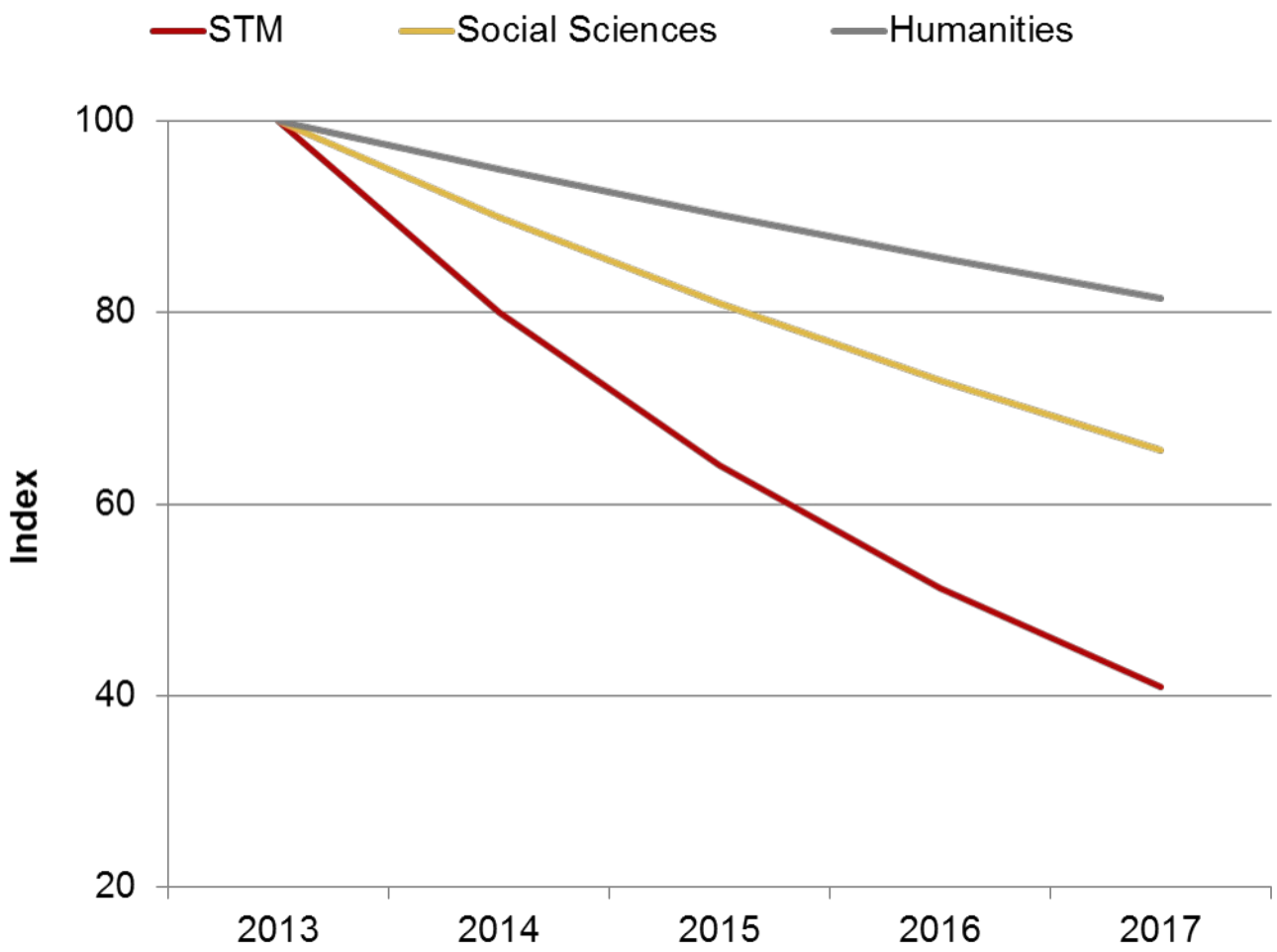
CAMBRIDGE UNIVERSITY PRESS

电子书经费变化趋势



Source: Survey of librarians by Publishers Communications Group, 2014

按学科纸本书购买量变化 2013-2017*



预测到2017年，STM纸本书购买量下降到40%

*(Cambridge commissioned research: North American Library market, 2013)

CAMBRIDGE

Cambridge Books Online

剑桥图书在线

全学科覆盖：人文社科、理工科以及医学和法律

20,000余本精选图书在线，**电子书与纸本书同步上线**

图书半衰期长，出版年可回溯到1950年

超过60位在文学、经济、物理、化学、医学等领域获诺贝尔奖的作者先后在剑桥大学出版社出过书。

与**剑桥期刊在线**实现交叉检索，剑桥电子书和期刊的全新整合平台

CAMBRIDGE

Cambridge Books Online

剑桥图书在线

达尔文

莎士比亚

霍金

乔姆斯基

康德

陶哲轩

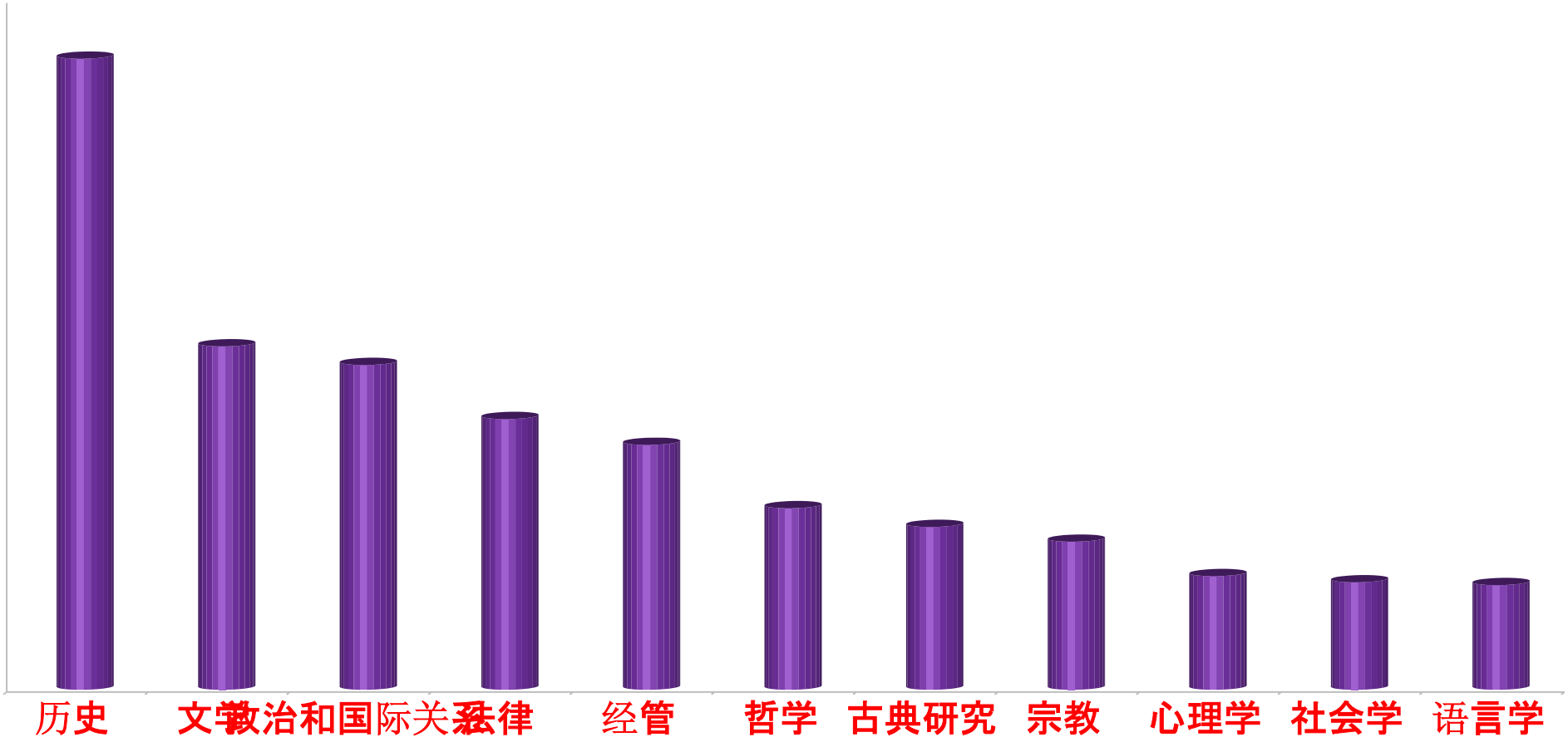
诺贝尔奖章

菲尔兹奖章

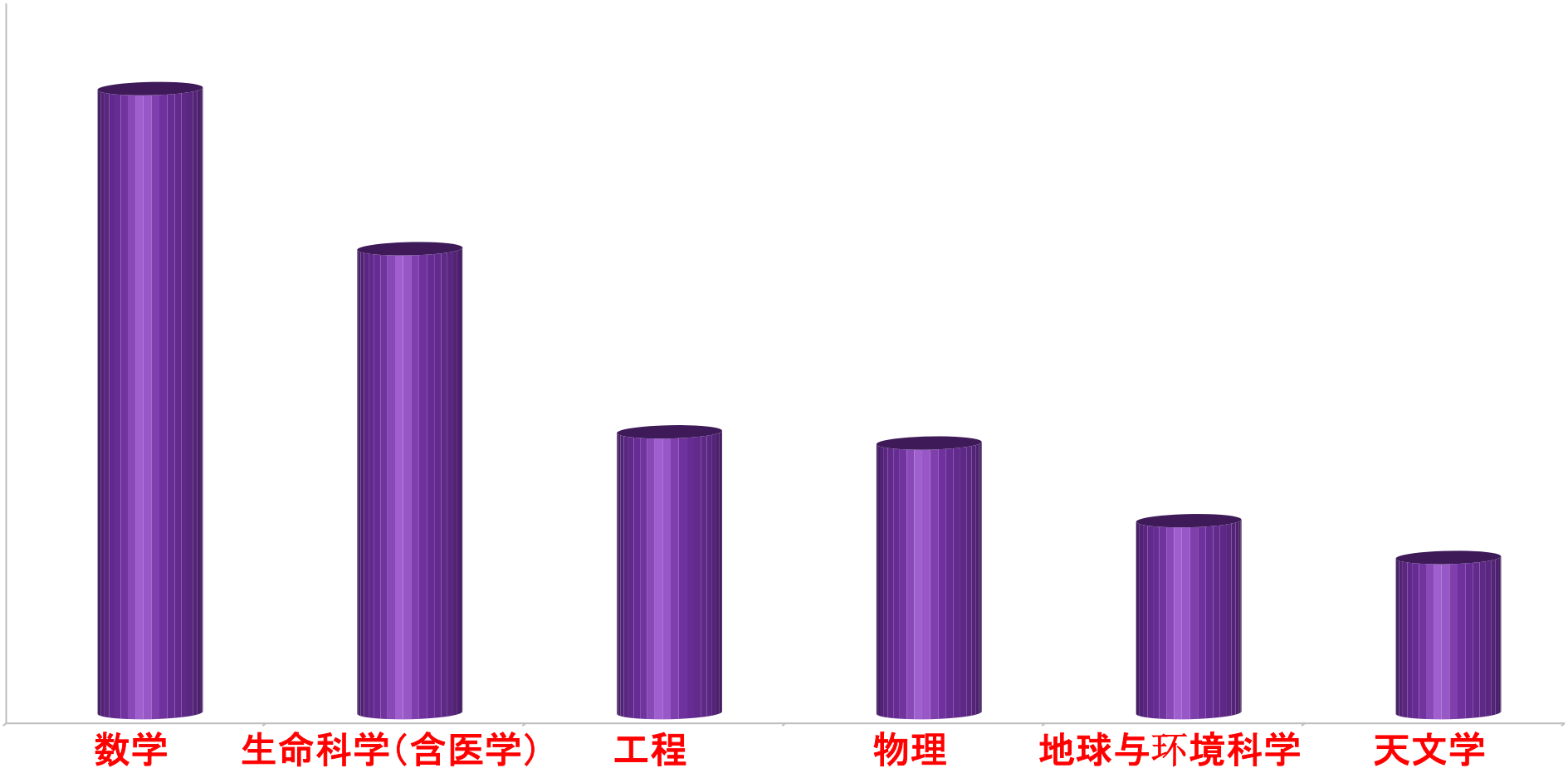
- CHOICE 杰出学术图书大奖
- “英国法律学者学会”最佳图书奖
- “美国国际法学会”最佳图书奖
- “美国社会学学会”杰出图书大奖
- “美国心理学学会”杰出图书大奖
- “BMA英国医学会”年度最佳图书奖

CAMBRIDGE UNIVERSITY PRESS

HSS



STM



CAMBRIDGE

Cambridge Books Online

剑桥图书在线

支持
移动阅读

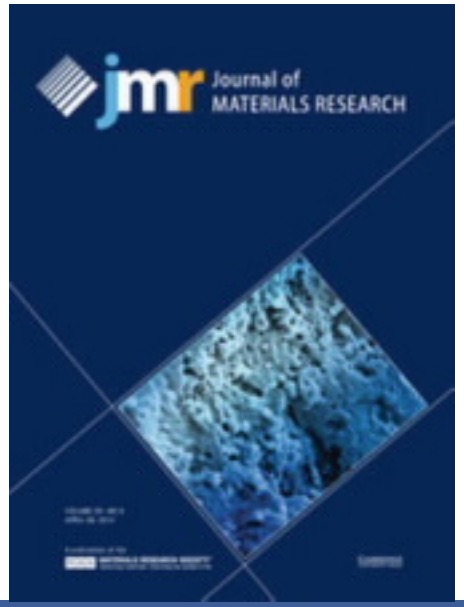
标准
PDF格式

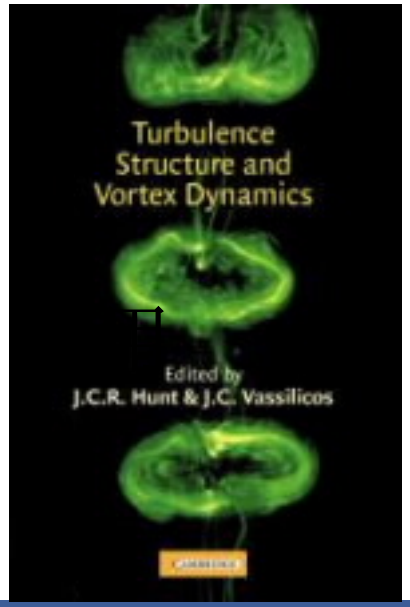
DRM、无
并发用户限
制

购买
方式灵活

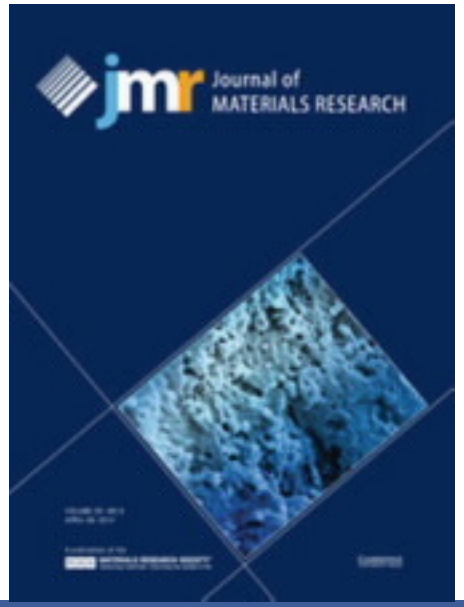
CAMBRIDGE
UNIVERSITY PRESS

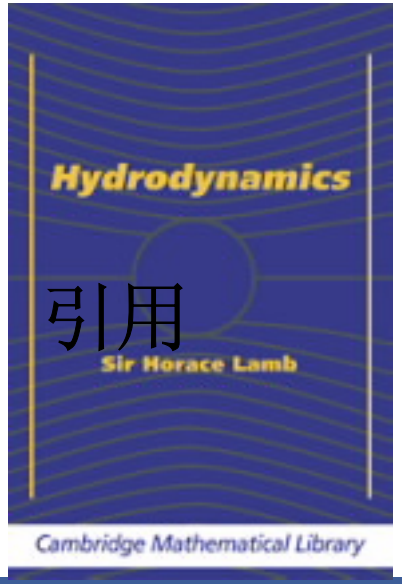
近年剑桥期刊上哈尔滨地区老师的论文对剑桥图书的引用





2001年


jmr
Journal of
MATERIALS RESEARCH


Hydrodynamics
Sir Horace Lamb
Cambridge Mathematical Library

引用

1993年

Journal of
Fluid Mechanics
VOLUME 700

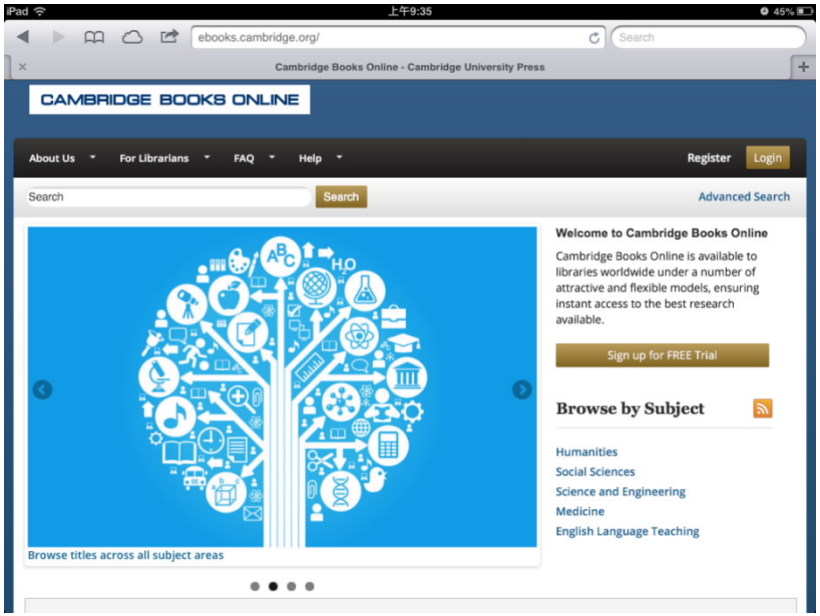
CONTACT
MECHANICS
K.L.JOHNSON

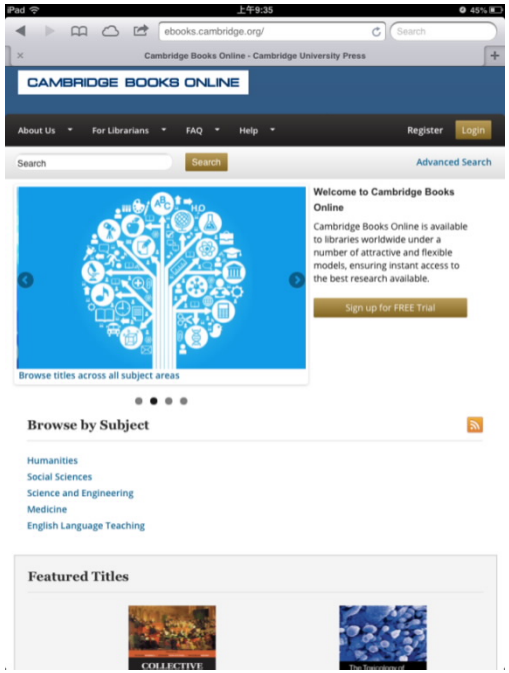
引

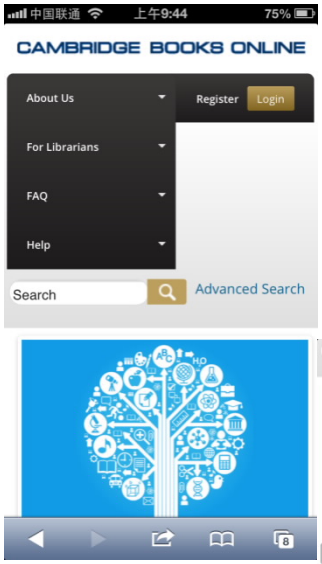
1985年

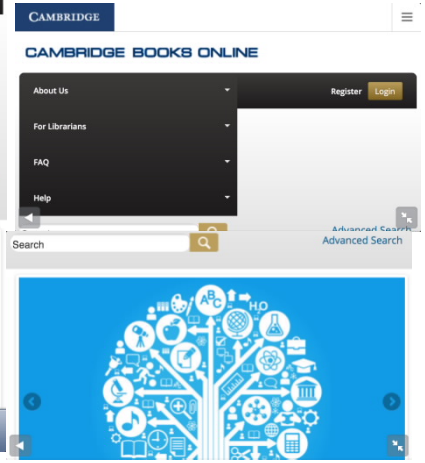
CAMBRIDGE

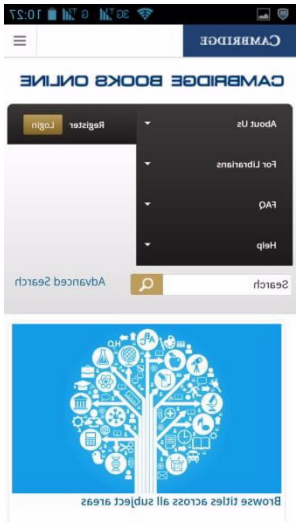
CBO和移动终端

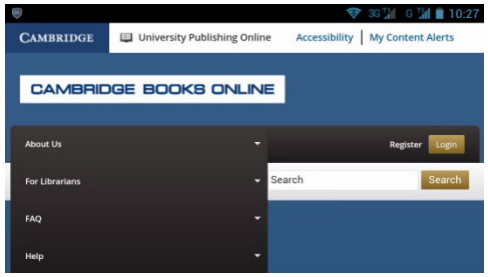












CAMBRIDGE UNIVERSITY PRESS

“新”的出版形式：Open Access

- “开放获取图书目录（DOAB）”收录来自62个学术出版社的近2000种同行评审的OA图书
- 剑桥大学出版社计划中有6本OA图书将会出版。
- 互动内容，让读者参与讨论和点评。
- 免费提供并让读者有机会参与我们其他OA预出版书单。
- 参与OA图书出版项目 – Knowledge Unlatched（知识解锁）（目前200家大学图书馆和13家学术出版商加盟）

我们合作的发现系统厂商

ExLibris

SFX

EBSCO A-to-Z

EBSCO HOST

EBSCO Discovery Service

Alma

Primo

Discovery Platform Providers

Summon

SerialsSolutions KNOWLEDGEWORKS

OCLC WorldShare

WorldCat Local

OCLC WorldCat

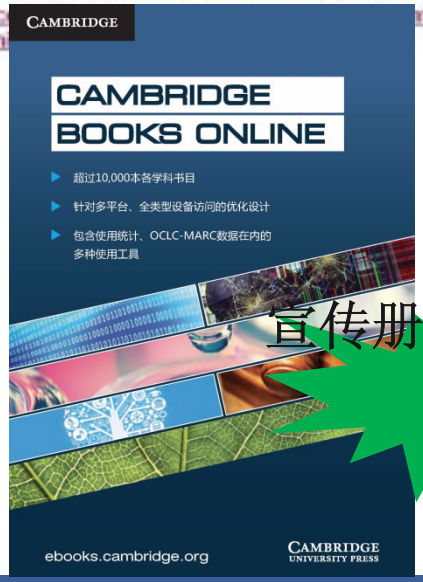
SerialsSolutions

WorldCat Discovery Services

市场宣传

培训海报

学科推广



宣传册

市场宣传

CAMBRIDGE JOURNALS
剑桥大学出版社邀请您体验剑桥期刊在线
Cambridge Journals Online
Journal of Fluid Mechanics
试用推广

CAMBRIDGE JOURNALS
AFRICA
AFRICA BIBLIOGRAPHY 2011
W.E.B. Du Bois Institute
Du Bois Review: Social Science Research on Race
新刊介绍

剑桥图书馆馆员日（上海、北京）

培训时间:5月16日上午9:20-10:00
培训地点:哈工大二校区主楼508室

祝各位老师的生活和事业像华梅面包和马迭尔冰棍一样甜蜜！