

# 开放存取与学术出版的未来

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2012-11-23

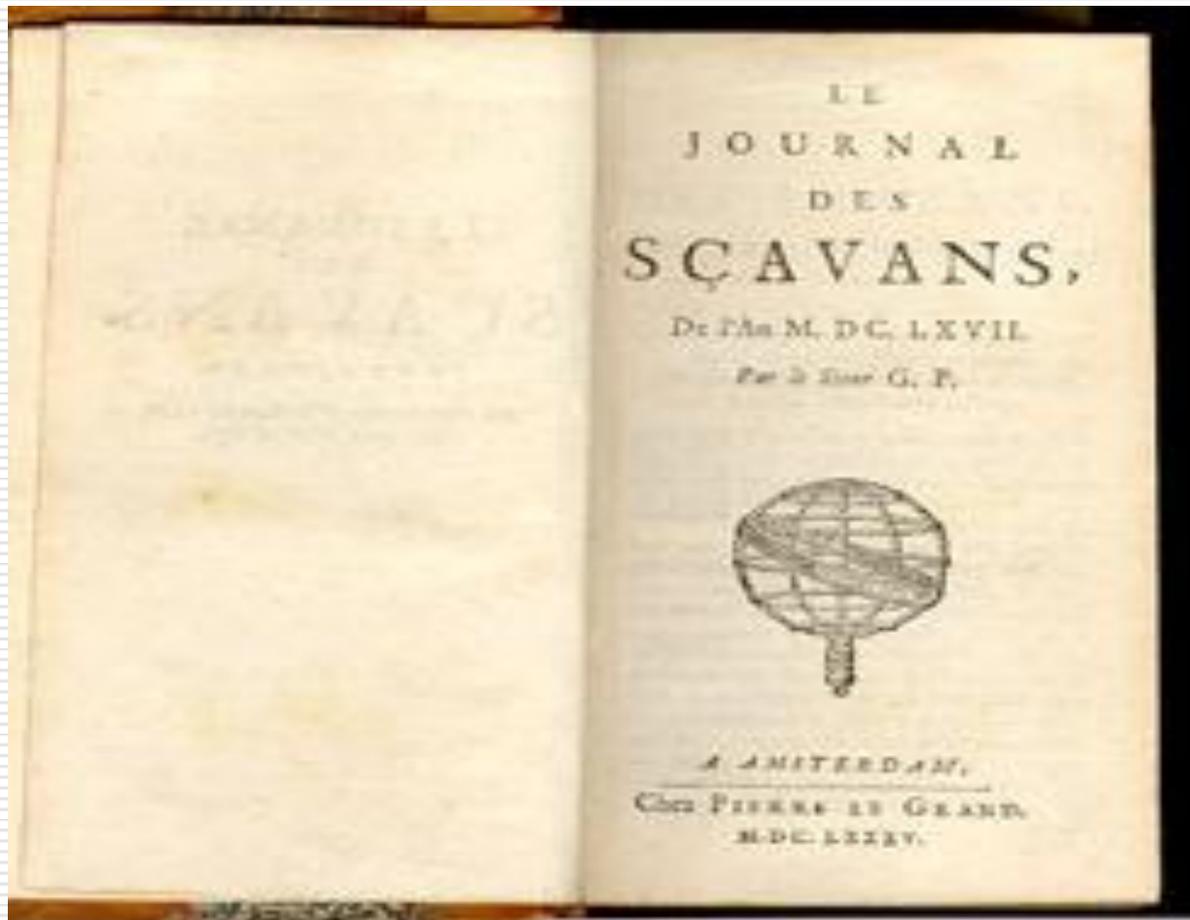


# 纲要

- 1 开放存取概念及产生背景
- 2 开放存取发展历程与现状
- 3 现有学术出版的不足
- 4 开放存取对未来学术出版的影响
- 5 学术期刊开放存取出版模式
- 6 促进我国开放存取学术出版的思路与建议



# 1 开放存取概念及产生背景



1665年创刊于法国的  
第一本杂志  
《学者杂志》  
( Journal des Scavans )



# 1 开放存取概念及产生背景

## □ 1.1 产生背景

- 学术期刊危机：价格暴涨近**180%**，学术交流受阻。
- 两种主要实现途径：**OA期刊**和**OA仓储**
- 各方参与：科研人员、出版机构、图书馆、科研资助机构、政府等；**20世纪90年代末**



## 1.2 开放存取概念

- By "open access" to this literature, we mean its free availability on the public internet, permitting any users to read, download, copy, distribute, print, search, or link to the full texts of these articles, crawl them for indexing, pass them as data to software, or use them for any other lawful purpose, without financial, legal, or technical barriers other than those inseparable from gaining access to the internet itself. The only constraint on reproduction and distribution, and the only role for copyright in this domain, should be to give authors control over the integrity of their work and the right to be properly acknowledged and cited.
- 《Budapest Open Access Initiative》 (BOAI)



## 1.3 开放存取意义

- “医学是研究如何挽救生命的科学。以病人生命风险所换来宝贵的医学知识，不应被视为任何人的知识财产，在医学知识传播过程中，不应该有任何人为的障碍”。
- 上海复旦大学曾昭冲，放射医学博士，**BMC Cancer**期刊编审委员



# 1.4 开放存取三层含义

1



2



3



# 1.5 open access 译名：开放存取

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# 1.6 开放存取出版的类型

## The two open-access strategies: Gold and Green

### Open-Access Publishing (OApub) (BOAI-2)

1. Create or Convert 23,000 open-access journals (1000 exist currently)
2. Find funding support for open-access publication costs (\$500-\$1500+)
3. Persuade the authors of the annual 2,500,000 articles to publish in new open-access journals instead of the existing toll-access journals

### Open-Access Self-Archiving (OAarch) (BOAI-1)

1. Persuade the authors of the annual 2,500,000 articles they publish in the existing toll-access journals to also self-archive them in their institutional open-access archives



## 2.1 开放存取发展标志性进展

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- 最初倡导
- BOAI
- 柏林宣言
- **OECD**宣言
- **IFLA**声明
- 北京研讨会
- 英国免费获取计划





# Open Access at the Max Planck Society

## Berlin Declaration

The Berlin declaration on Open Access to Scientific Knowledge of 22 October 2003 was written in English (*Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities*) and is one of the milestones of the open access movement. The wording of the English version shall prevail.

## Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities

PDF Versions: [Arabic](#) | [Chinese \(Simp\)](#) | [Chinese \(trad\)](#) | [English](#) | [French](#) | [German](#) | [Greek](#) | [Italian](#) | [Polish](#), [Portuguese](#) | [Russian](#) | [Spanish](#)

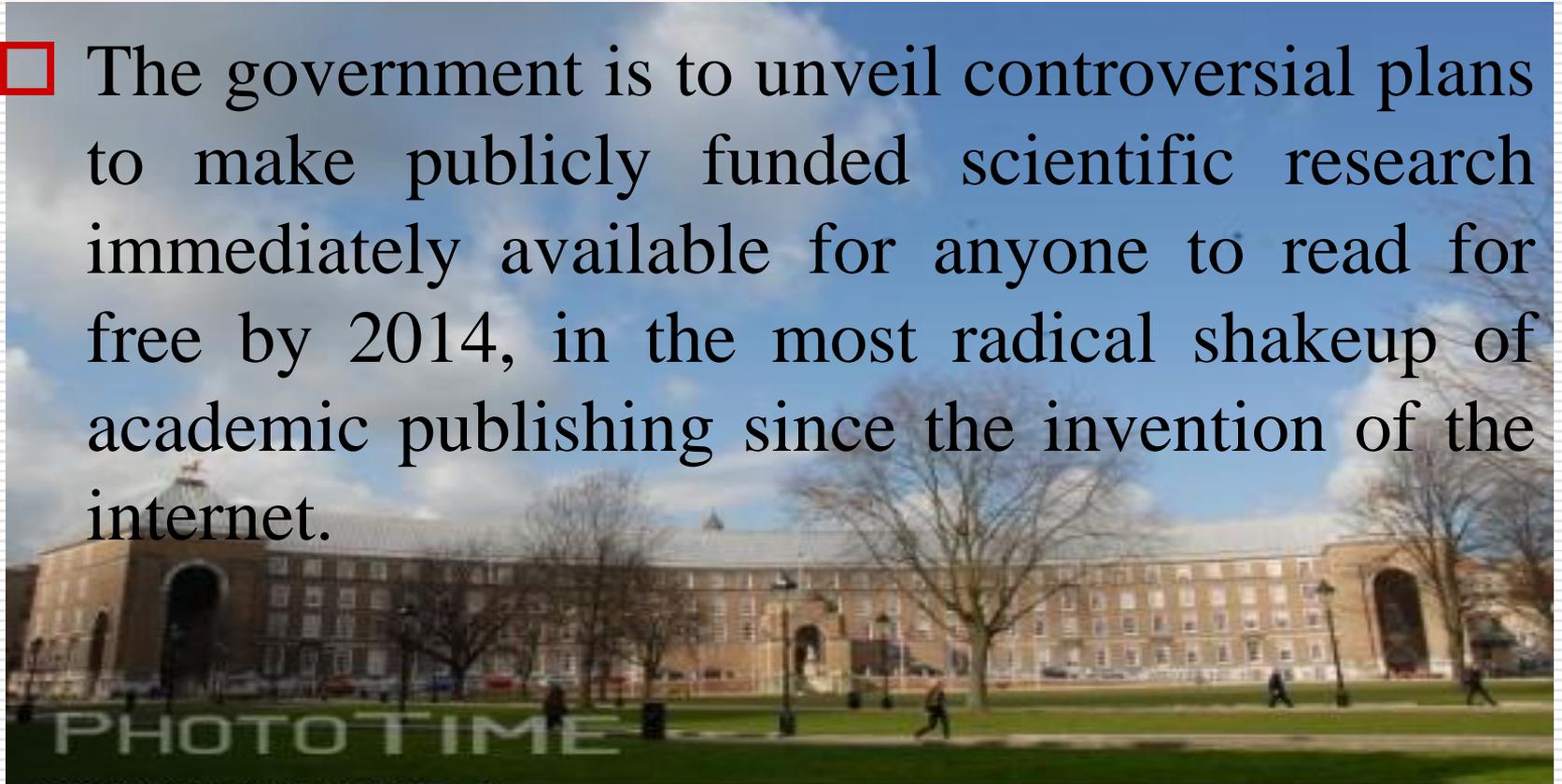
## Preface

The Internet has fundamentally changed the practical and economic realities of distributing scientific knowledge and cultural heritage. For the first time ever, the Internet now offers the chance to constitute a global and interactive representation of human knowledge, including cultural heritage and the guarantee of worldwide access.

We, the undersigned, feel obliged to address the challenges of the Internet as an emerging functional medium for distributing knowledge. Obviously, these developments will be able to

## Free access to British scientific research within two years

- The government is to unveil controversial plans to make publicly funded scientific research immediately available for anyone to read for free by 2014, in the most radical shakeup of academic publishing since the invention of the internet.



© 时代图片 www.phototime.cn



## 2.2 开放存取发展历史纪年表

- 第一阶段：持续到**2003**年**5月20**号《布达佩斯开放获取宣言》发布。以开放源代码软件的发布为特点。
- 第二阶段：第二阶段以**2003**年**12月12**日联合国世界信息峰会公布行动计划为标志，标志着开放存取这一运动在世界范围内获得共识，并开展行动。



# Open source software

Dspace (MIT)

EPrint (Southampton)

Feodra

Drupal

Electronic Theses and Dissertations

Open Journal Systems

Open Arch



# CAS-IR(中科院):Dspace二次开放

中国科学院机构知识库网络 (CAS IR GRID) : 主页 - Windows Internet Explorer

文件(F) 编辑(E) 查看(V) 收藏(A) 工具(T) 帮助(H)

地址 http://www.irgrid.ac.cn/



## 中国科学院 机构知识库服务网络

CHINESE ACADEMY OF SCIENCES Institutional Repositories Grid

中国科学院机构知识库网络 (CAS IR GRID) >

ALL
检索 高级检索 注册

登录/注册

Email:

密码:

记住我 登录 | 提交

[浏览] BROWSE

研究所知识库列表

- 学科主题
- 内容类型
- 所有条目

[分类导航] FACETED BROWSING

- 研究所知识库列表 + MORE
  - 高能物... [19489]
  - 金属研... [18795]
  - 大连化... [18674]
  - 长春应... [18269]
  - 工程热... [17341]
- 作者 + MORE
  - zhan... [4138]
  - wang [4045]
  - li [3645]
  - liu [3046]
  - j [2834]
- 内容类型 + MORE

**最新采集 Recent Additions**

- Conodonts around the Permian/Triassic boundar..
- study on analysis and qualification assessmen..
- 高效农用抗生素创新研究体系
- Microbial community and N removal mechanism O..
- Synthesis of N-Alkyl Aza-C-Glycosides by Intr..
- Stereoselective Synthesis of N-alkyl substituo..
- 3-O-乙酰基-4,6-二-O-苄基-1,2-环内缩葡萄糖的合..
- 吡喃半乳糖基三唑类化合物的“锅法”合成
- 炮制对中药苍耳子特征成分噻嗪双酮类含量的影响
- 小麦品系“07鉴126”抗白粉病基因分子标记与基因..

CAS IR GRID 是定期采集中国科学院研究所IR的数据建立的联合机构知识库服务网络。

**来源IR: 77**

**数据总量: 353783**

**全文条目: 281236**

**英文条目: 138107**

**最新更新: 2012-11-09**

**成员单位 Communities & Collections**

选择成员单位并浏览其专题

<input type="radio"/> 力学研究所	<input type="radio"/> 半导体研究所
<input type="radio"/> 软件研究所	<input type="radio"/> 地理科学与资源研究所
<input type="radio"/> 地质与地球物理研究所	<input type="radio"/> 遥感应用研究所
<input type="radio"/> 植物研究所	<input type="radio"/> 古脊椎动物与古人类研究所
<input type="radio"/> 计算技术研究所	<input type="radio"/> 化学研究所
<input type="radio"/> 上海天文台	<input type="radio"/> 上海有机化学研究所
<input type="radio"/> 上海微系统与信息技术研究所	<input type="radio"/> 上海光学精密机械研究所
<input type="radio"/> 华南植物园	<input type="radio"/> 昆明动物研究所
<input type="radio"/> 合肥物质科学研究院	<input type="radio"/> 广州地球化学研究所
<input type="radio"/> 广州能源研究所	<input type="radio"/> 南海海洋研究所

[浏览排行] BROWSE RANKING

总排行 月排行 周排行

1. 高温下煤中矿物质.. [92]
2. Discussion about... [42]
3. 聚酯酯多元醇与聚.. [40]
4. 我国半导体物理研.. [39]
5. 科学与工程技术领.. [36]
6. 广州市饮用水、奶.. [35]
7. Elemental and Sr... [35]
8. 基于地表温度-植.. [33]
9. 水生生物监测手册 [29]
10. 新技术革命思潮在.. [29]

[用户服务] SERVICE

- CAS IR GRID简介
- 管理帮助
- 联系我们

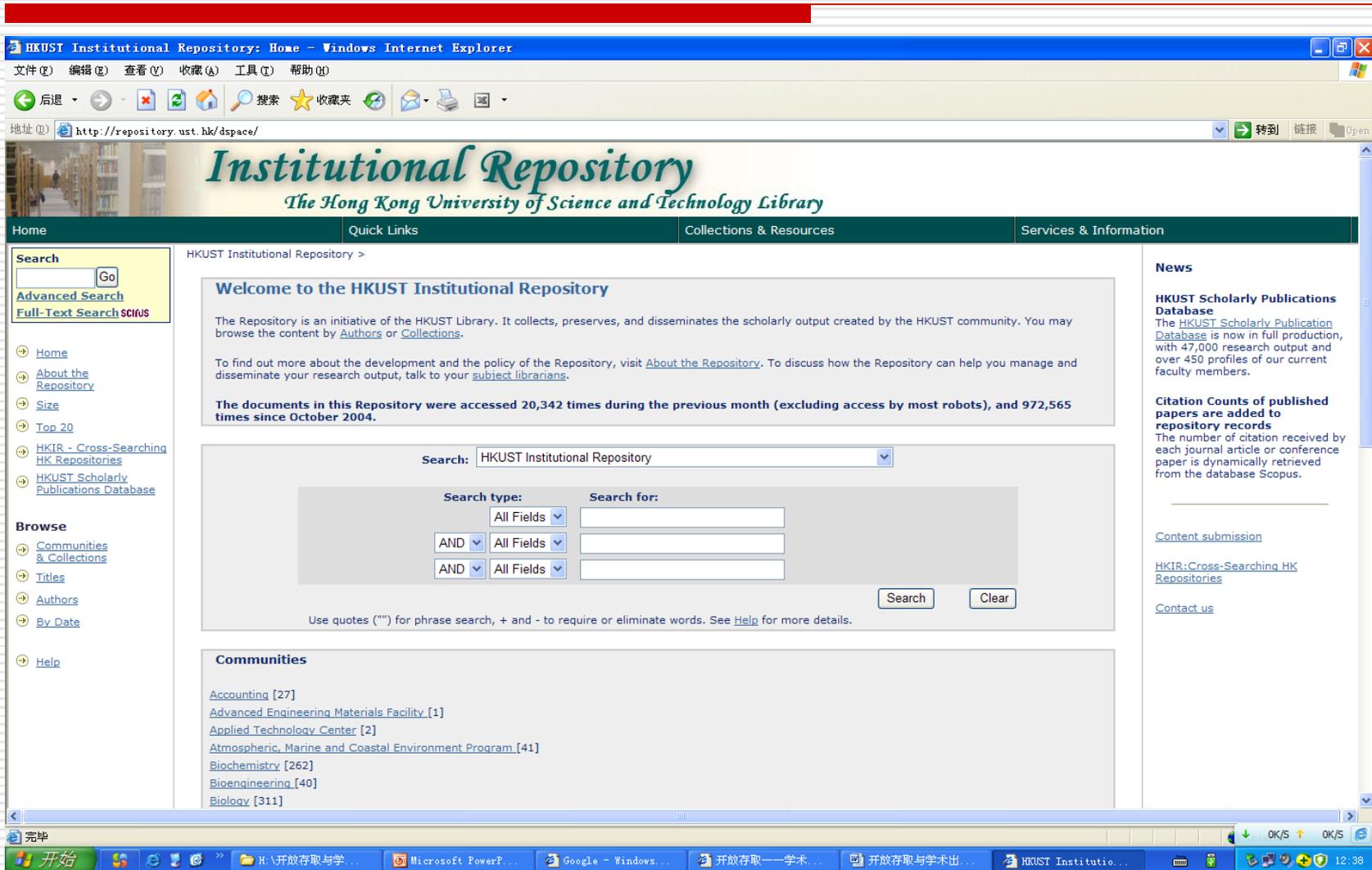
[相关链接] LINKS

中科院机构知识库网络 CAS IR Grid

综合资源集成登记系统 IRSR



# 香港科技大学: Dspace



The screenshot shows the HKUST Institutional Repository website in Internet Explorer. The browser title is "HKUST Institutional Repository: Home - Windows Internet Explorer". The address bar shows "http://repository.ust.hk/dspace/".

The website header features the title "Institutional Repository" and "The Hong Kong University of Science and Technology Library". Navigation tabs include "Home", "Quick Links", "Collections & Resources", and "Services & Information".

The main content area includes a search box with the text "Search: HKUST Institutional Repository". Below the search box, there are options for "Search type" and "Search for:" with dropdown menus and input fields. A "Search" button and a "Clear" button are also present.

The "Communities" section lists various academic disciplines with their respective document counts:

- Accounting [27]
- Advanced Engineering Materials Facility [1]
- Applied Technology Center [2]
- Atmospheric, Marine and Coastal Environment Program [41]
- Biochemistry [262]
- Bioengineering [40]
- Biology [311]

The right sidebar contains "News" and "HKUST Scholarly Publications Database" information, including a link for "Content submission" and "Contact us".

The taskbar at the bottom shows the system tray with the time "12:38" and several open applications, including "Microsoft PowerPoint" and "Google - Windows".

# 台湾大学机构仓储: Dspace



臺灣機構典藏 NTUR:主頁 - Windows Internet Explorer

文件(F) 編輯(E) 查看(V) 收藏(A) 工具(T) 幫助(H)

地址: http://ntur.lib.ntu.edu.tw/

English | 正體中文 | 簡體中文 | 全文筆數/總筆數: 62678/186855  
造訪人次: 6782076 線上人數: 194

RC Version 5.0 © Powered By DSPACE, MIT. Enhanced by NTU Library IR team.

登入 · 上傳 · 說明 · 關於NTUR · 管理

臺灣大學 機構典藏 NATIONAL TAIWAN UNIVERSITY INSTITUTIONAL REPOSITORY

NTUR中的社群 [62678/186855] [ 全文筆數/總筆數 ]

- + 文學院 [2448/13259]
- + 理學院 [11823/24555]
- + 社會科學院 [2265/10536]
- + 醫學院 [4555/31017]
- + 醫學院附設醫院 [800/6406]
- + 牙醫專業學院 [297/1589]
- + 獸醫專業學院 [264/1689]
- + 工學院 [11318/26563]
- + 生物資源暨醫學院 [5364/20038]
- + 管理學院 [3210/7945]
- + 公共衛生學院 [2197/6145]
- + 電機資訊學院 [12253/19034]
- + 法律學院 [980/5352]
- + 生命科學院 [4431/10731]
- + Test [52/52]
- + 其他校內單位 [518/2080]

上尊排行 下載排行

社群

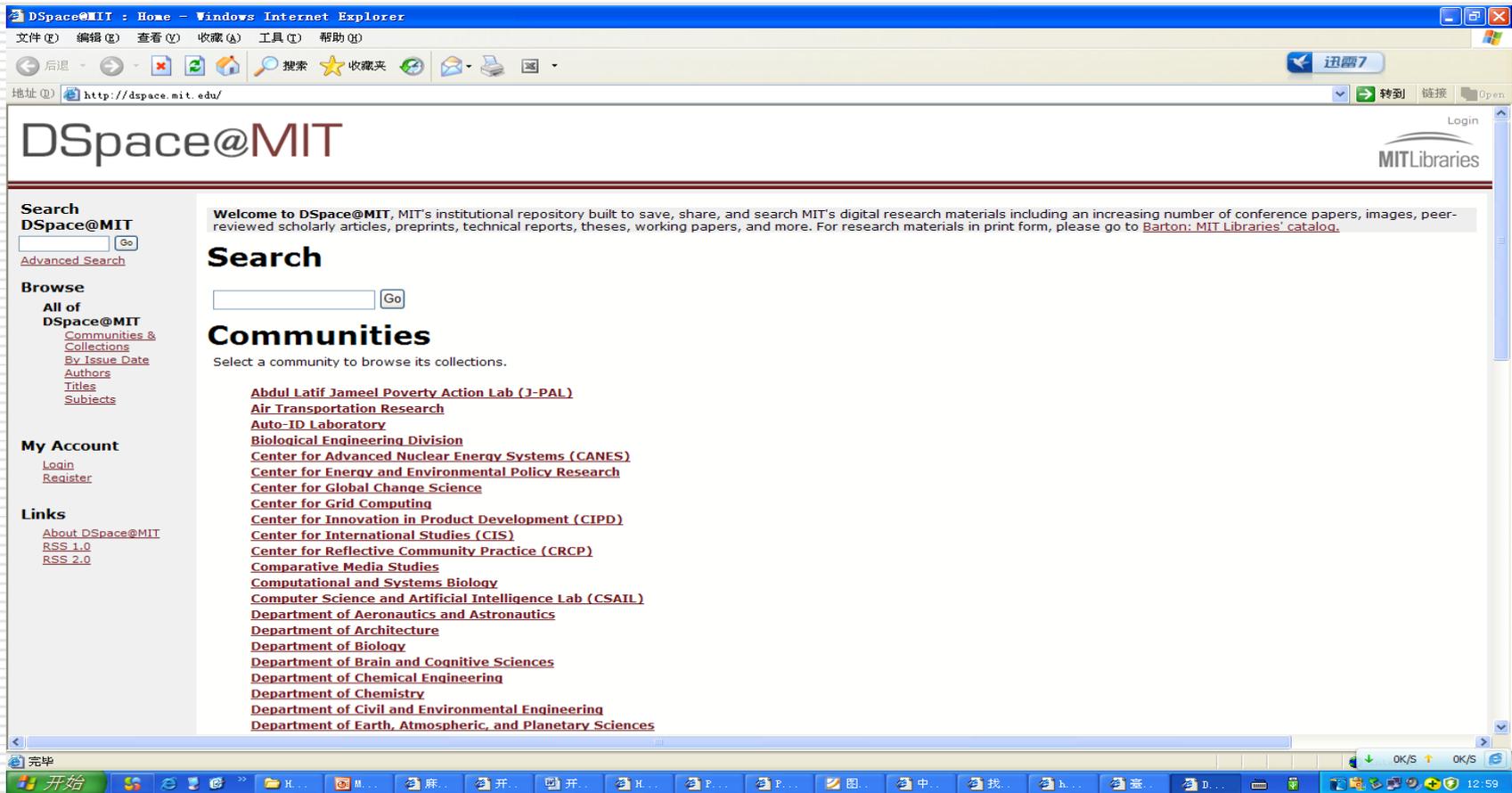
- 電機工程學系 [6216/10135]
- 化學系 [3527/6470]
- 資訊工程學系 [2914/4227]
- 物理學系 [2795/4178]
- 機械工程學系 [2610/6312]
- 化學工程學系 [1789/3788]
- 土木工程學系 [1689/4981]
- 材料科學與工程學系 [1311/2781]
- 生命科學系 [1082/1425]
- 地質科學系 [1080/2818]

作者

- Peng, Shie-Ming [493/627]
- Lee, Gene-Hsiang [398/449]
- Chen, Liang-Gee [225/246]
- Wang, Yu [222/325]
- Pei, Soo-Chang [195/217]
- Sun, Chi-Kuang [184/197]
- Fu, Li-Chen [178/235]
- Lin, Ching-Fuh [156/208]
- Chou, Pi-Tai [155/195]
- Mou, Chung-Yuan [151/204]

最後更新時間: 2012-11-19 08:09

# MIT机构仓储: Dspace



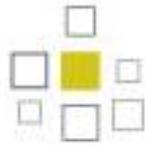
The screenshot shows the DSpace@MIT website interface. The browser title bar reads "DSpace@MIT : Home - Windows Internet Explorer". The address bar shows "http://dspace.mit.edu/". The main content area features the "DSpace@MIT" logo and a "Login" link. A welcome message states: "Welcome to DSpace@MIT, MIT's institutional repository built to save, share, and search MIT's digital research materials including an increasing number of conference papers, images, peer-reviewed scholarly articles, preprints, technical reports, theses, working papers, and more. For research materials in print form, please go to [Barton: MIT Libraries' catalog](#)." Below this is a "Search" section with a search box and a "Go" button. A "Communities" section lists various departments and centers, such as "Abdul Latif Jameel Poverty Action Lab (J-PAL)", "Air Transportation Research", "Auto-ID Laboratory", "Biological Engineering Division", "Center for Advanced Nuclear Energy Systems (CANES)", "Center for Energy and Environmental Policy Research", "Center for Global Change Science", "Center for Grid Computing", "Center for Innovation in Product Development (CIPD)", "Center for International Studies (CIS)", "Center for Reflective Community Practice (CRCP)", "Comparative Media Studies", "Computational and Systems Biology", "Computer Science and Artificial Intelligence Lab (CSAIL)", "Department of Aeronautics and Astronautics", "Department of Architecture", "Department of Biology", "Department of Brain and Cognitive Sciences", "Department of Chemical Engineering", "Department of Chemistry", "Department of Civil and Environmental Engineering", and "Department of Earth, Atmospheric, and Planetary Sciences". The left sidebar contains navigation links for "Search", "Browse", "My Account", and "Links". The Windows taskbar at the bottom shows the "开始" button and several open applications.





## 2.3现状：OAR

arc



DSpace

RePEc

arXiv.org

E-LIS E-prints in Library and Information Science  
eprints.rclis.org

SOCOLAR



OAster

...find the pearls

citebase Search

SCIRUS  
for scientific information only



图书馆情报学 开放文库

Open Access Repository of Library and Information Science

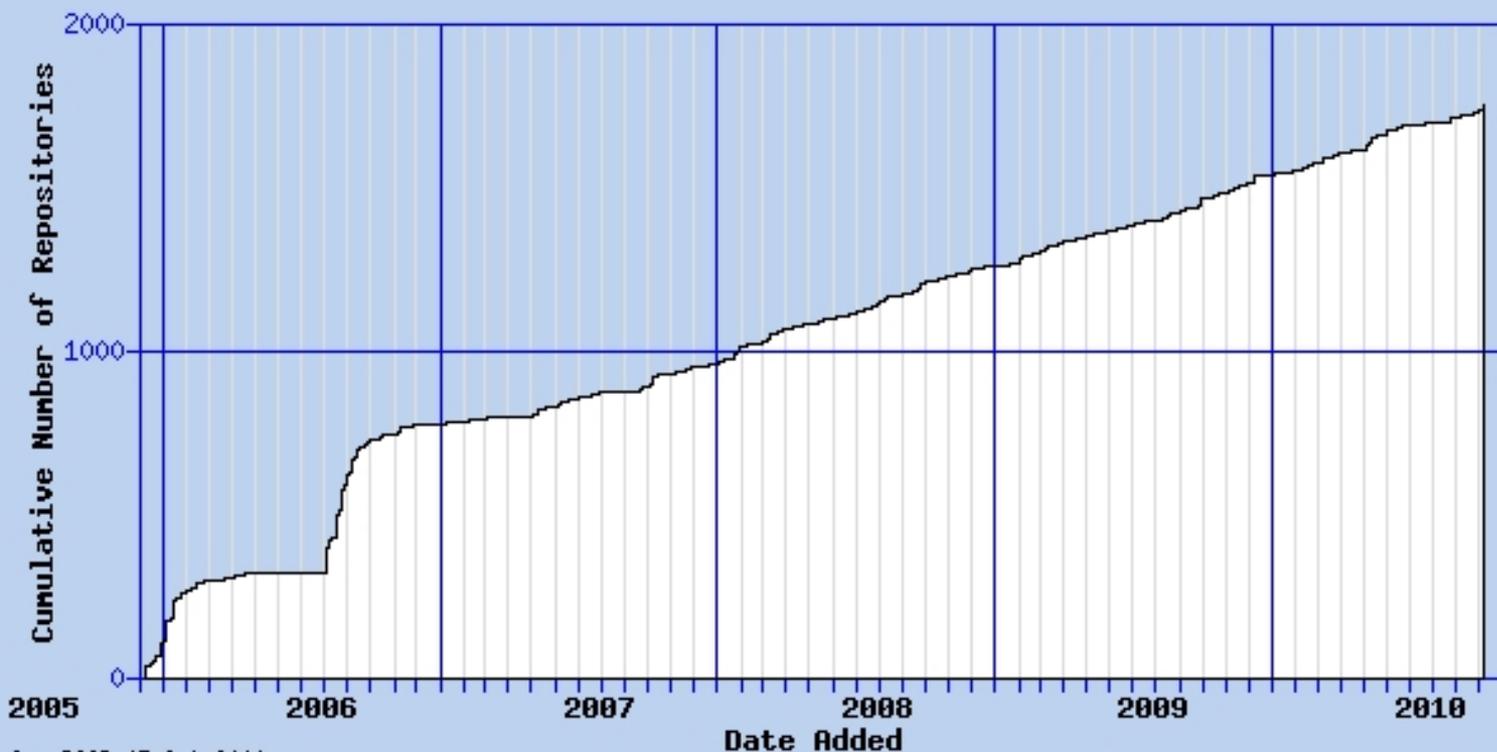


1	国际开放课程联盟	<a href="http://www.ocwconsortium.org/">http://www.ocwconsortium.org/</a>	
2	中国开放教育资源协会 (CORE)	<a href="http://www.core.org.cn/">http://www.core.org.cn/</a>	
3	开放课程计划 (OOPS)	<a href="http://www.myoops.org/cocw/">http://www.myoops.org/cocw/</a>	
4	大学堂 (视频)	<a href="http://greatlearning.grids.cn/">http://greatlearning.grids.cn/</a>	
5	日本开放课程联盟	<a href="http://www.jocw.jp/">http://www.jocw.jp/</a>	
6	麻省理工学院	MIT OCW中文简体	<a href="http://ocw.mit.edu/OcwWeb/web/courses/lang/cn2/cn2.htm">http://ocw.mit.edu/OcwWeb/web/courses/lang/cn2/cn2.htm</a>
		MIT OCW中文繁体	<a href="http://ocw.mit.edu/OcwWeb/web/courses/lang/cn1/cn1.htm">http://ocw.mit.edu/OcwWeb/web/courses/lang/cn1/cn1.htm</a>
		MIT主站	<a href="http://ocw.mit.edu">http://ocw.mit.edu</a>
		西安交大镜像	<a href="http://ocw.xjtu.edu.cn">http://ocw.xjtu.edu.cn</a>
		浙江大学镜像	<a href="http://ocw.zju.edu.cn">http://ocw.zju.edu.cn</a>
7	卡耐基梅隆大学 (CMU OLI)	<a href="http://www.cmu.edu/oli">http://www.cmu.edu/oli</a>	
8	莱斯大学 (Rice Connexions)	<a href="http://cnx.rice.edu/content">http://cnx.rice.edu/content</a>	
9	索菲娅 (Sofia OCI)	<a href="http://sofia.fhda.edu/gallery">http://sofia.fhda.edu/gallery</a>	
10	塔夫茨大学 (Tufts OCW)	<a href="http://ocw.tufts.edu">http://ocw.tufts.edu</a>	
11	犹他州立大学 (USU OCW)	<a href="http://ocw.usu.edu/Index/ECIndex_view">http://ocw.usu.edu/Index/ECIndex_view</a>	
12	约翰霍普金斯大学 (JHSPH OCW)	<a href="http://ocw.jhsph.edu/">http://ocw.jhsph.edu/</a>	
13	伯克利大学	<a href="http://webcast.berkeley.edu/">http://webcast.berkeley.edu/</a>	
14	东京大学	<a href="http://www.putclub.com/jocw/tokyo/index.htm">http://www.putclub.com/jocw/tokyo/index.htm</a>	
15	加拿大维多利亚大学经济系	<a href="http://web.uvic.ca/econ/info.html">http://web.uvic.ca/econ/info.html</a>	
16	国立交通大学 (台湾)	<a href="http://ocw.nctu.edu.tw/">http://ocw.nctu.edu.tw/</a>	
17	英国开放大学	<a href="http://openlearn.open.ac.uk/">http://openlearn.open.ac.uk/</a>	

## 2.4 开放存取资源增势

Growth of the OpenDOAR Database

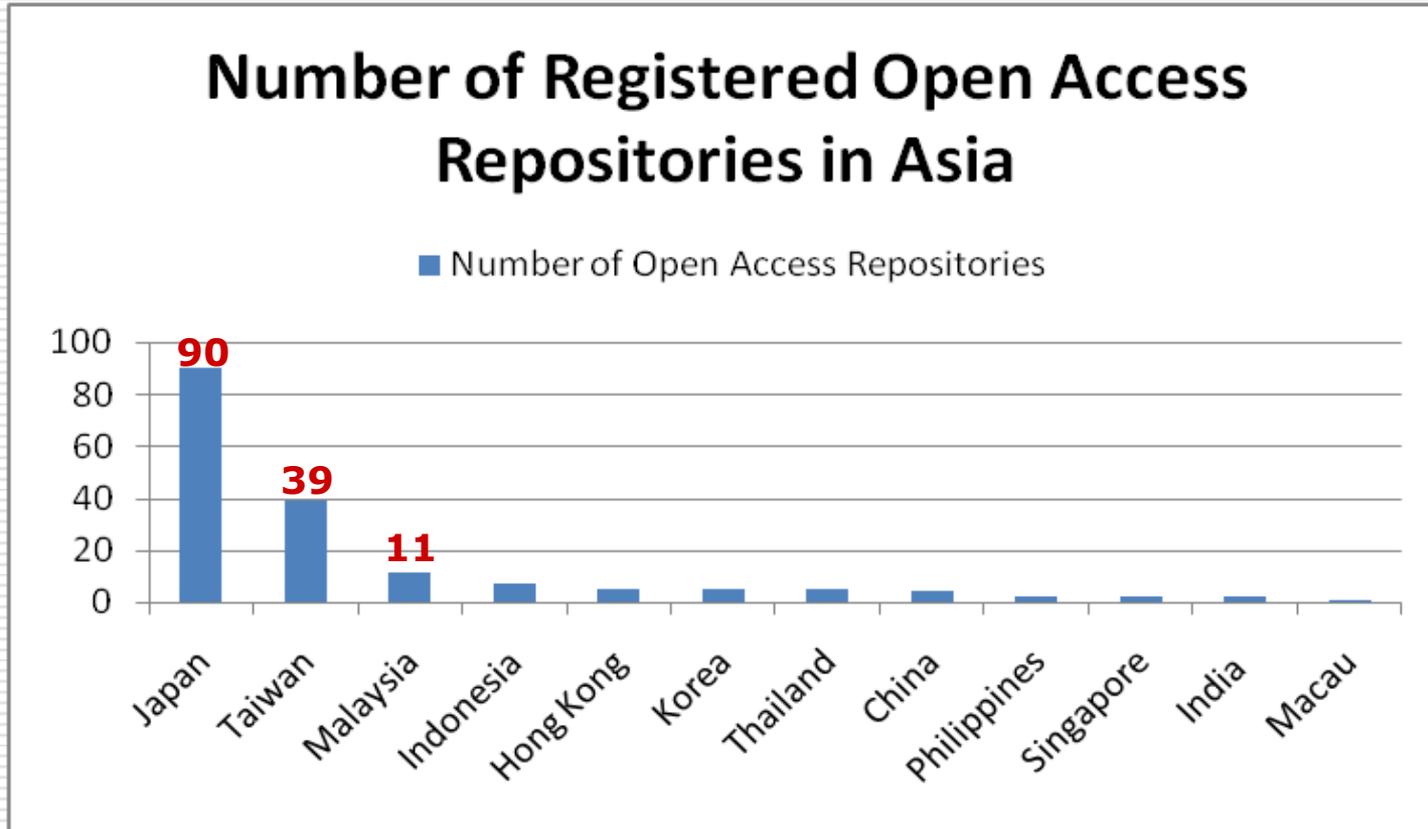
Worldwide



全球开放存取机构典藏的增长



# 开放存取资源增势

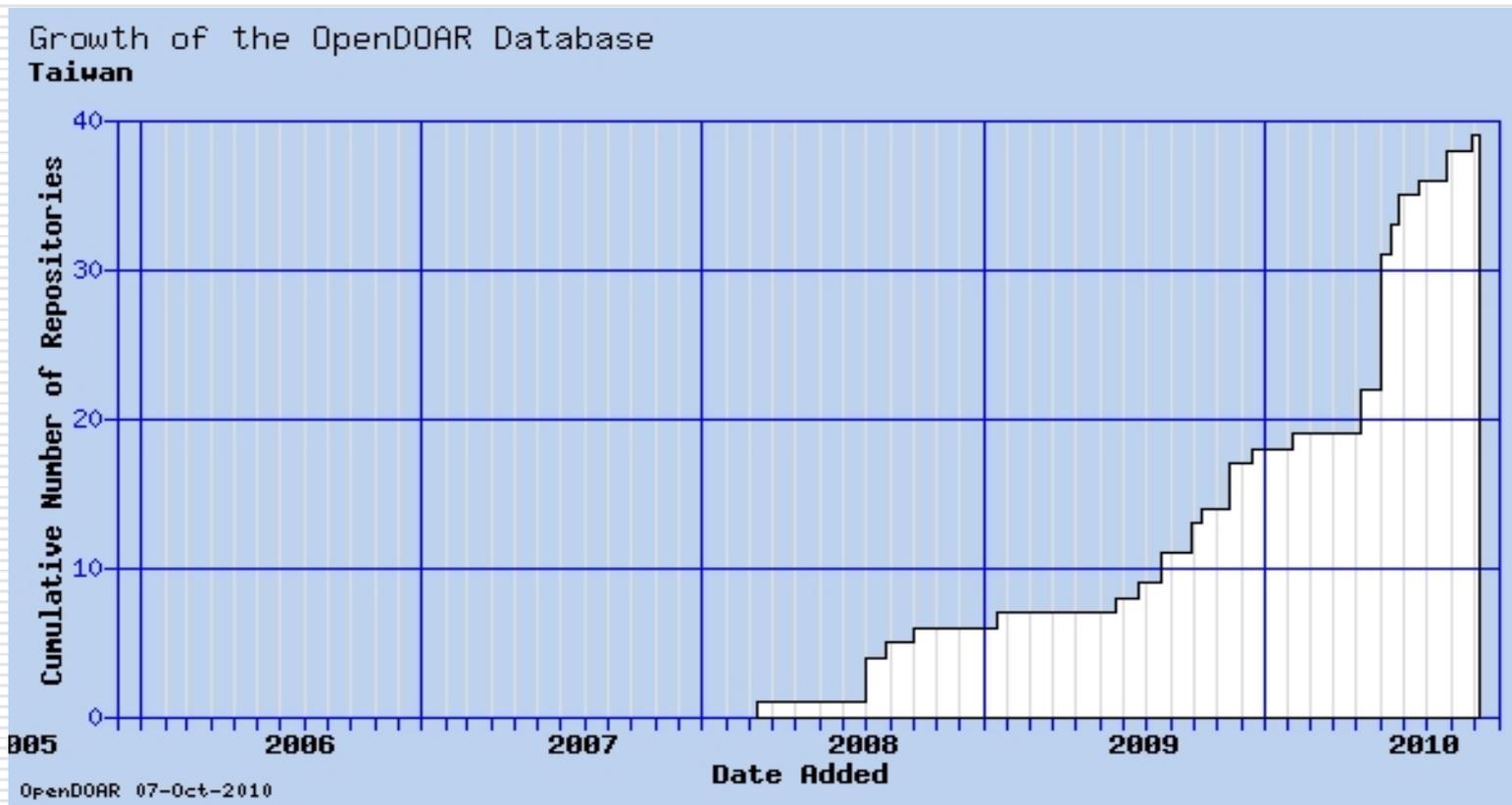


Source : OpenDOAR, University of Nottingham, October 7, 2010

亚洲开放存取典藏机构现状



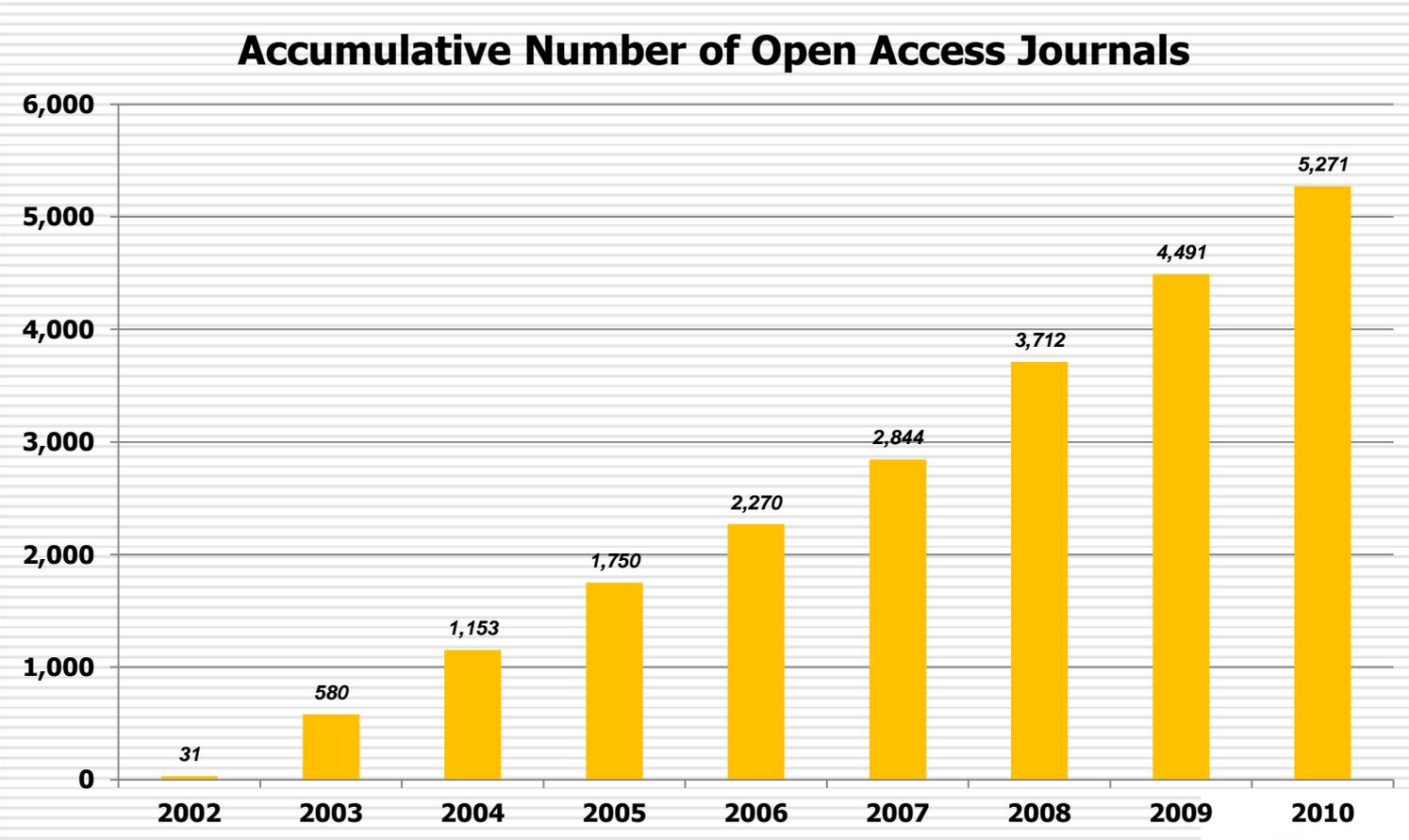
## 2.4 开放存取资源增势



台湾开放存取机构典藏的增长



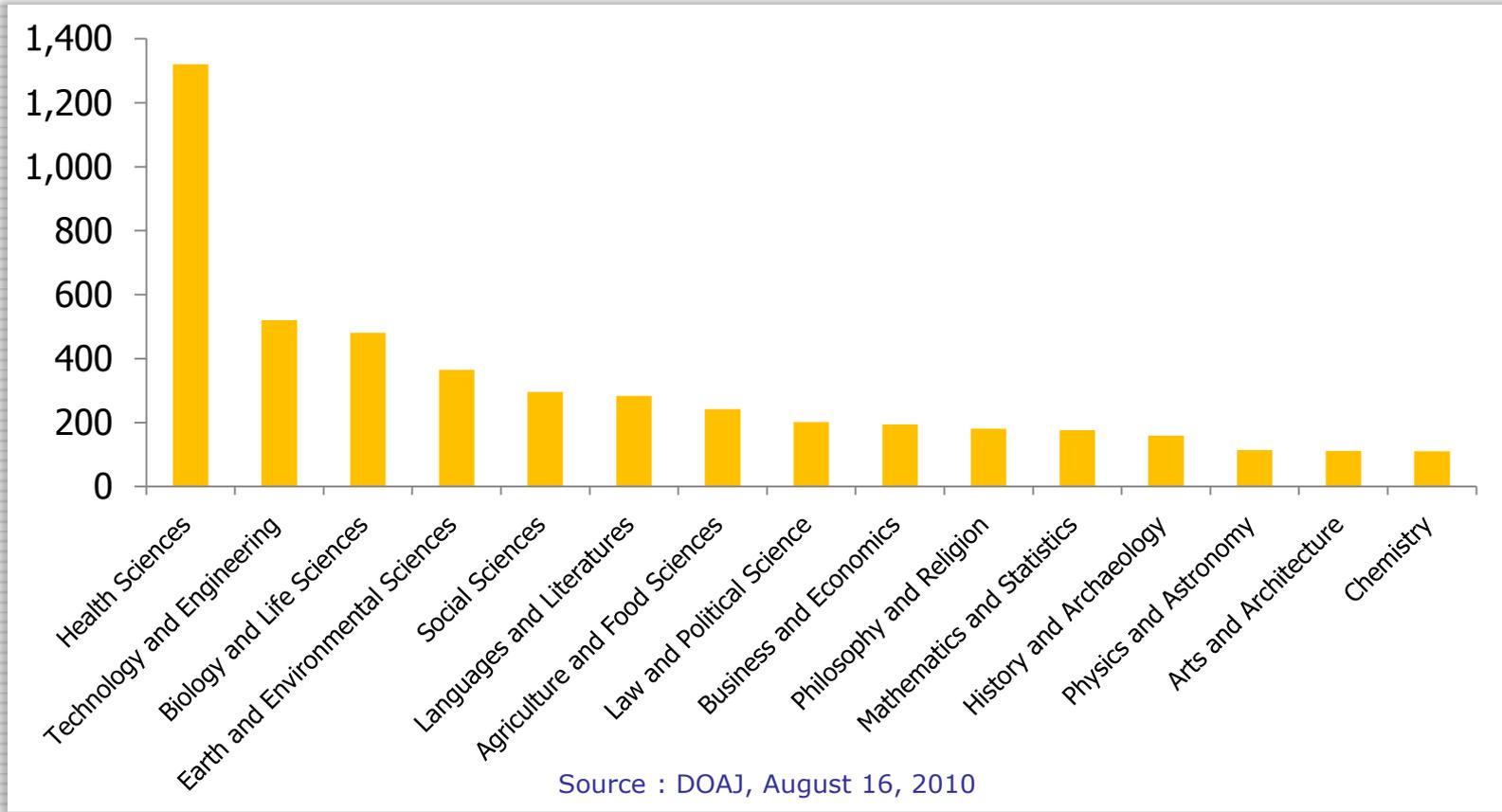
## 2.4 开放存取资源增势



开放存取类期刊的增长



# 开放存取型学术期刊学科分布状态



Free, full text, quality controlled scientific and scholarly journals, covering all subjects and many languages

Search

Browse

Suggest a journal

About

Support DOAJ!

Statistics

Contact

## Journals

Search journals

## Articles

More than one word in a field will be treated as phrase.

All Fields

and  or  not

All Fields

Search articles

### NEWS

**22/10 2012:** OA week 22-28 October

**13/7 2012:** Article about APC:s (Article Processing Charges)

**24/10 2011:** DOAJ site available in Greek

**19/10 2011:** DOAJ Promotion material available for OA Week

**15/9 2011:** 7000 journals and the DOAJ site in Turkish

**27/6 2011:** Article about OA publishing

**9/6 2011:** DOAJ site now also in French

[News Archive](#)

### DOAJ AS OF TODAY

**8361** journals

**4121** journals searchable at article level

**927262** articles

Open Access info

For publishers

Journals added last 7 days

Journals added last 30 days

## 3 现有学术出版的不足

### □ 3.1 科研人员

- 更新时滞
- 数据库访问权限



## 3.2 图书馆

各数据库存在大量重复  
数据各馆重复订购  
各数据库价格昂贵  
外文库价格涨幅过大  
外文库利用率低  
无法摆脱捆绑销售



- 
- **3.3**政府提供基金资助，出版商控制文献的获取；
  - **3.4**商业出版商牟取的利润：利润平均在20%-40%



# 4 开放存取对学术出版的影响



OPEN  ACCESS



## 4.1 市场化还是公益化



## 4.2 学术期刊国际化

### □ 关于开放存取未来市场占有率的预测



假设：

总出版量每年以3.5%增长

OA出版量每年以20%增长



## 4.3 拓展服务手段

Springer Open Choice 其中30多种期刊2011年降低订费

» *Press Releases*    Home > About Springer > Media > Press Releases

SHARE

Heidelberg / Dordrecht / New York / London, 18 June 2010

### Springer Open Choice uptake affects 2011 journal pricing

Springer has analyzed the uptake of its open access option Open Choice for articles published in 2009 and is pleased to share its impact on 2011 pricing.

Springer Open Choice allows authors to publish their article with open access in exchange for payment of a fee, for the majority of its journals. The articles are then immediately freely available and the copyright remains with the author, and articles are published under the Creative Commons Attribution



## Springer 是混合型期刊的先驱

从2004年开始，Springer允许作者可选择传统或开放存取出版方式。



Springer Open Choice

Your research. Your choice. Learn more about Springer's well-established journals with the open access option

The advertisement features a close-up of a hand holding a silver key with the Springer logo (a chess knight) on its head. The background is a soft, out-of-focus blue sky. The text is overlaid on a light blue gradient at the bottom of the image.





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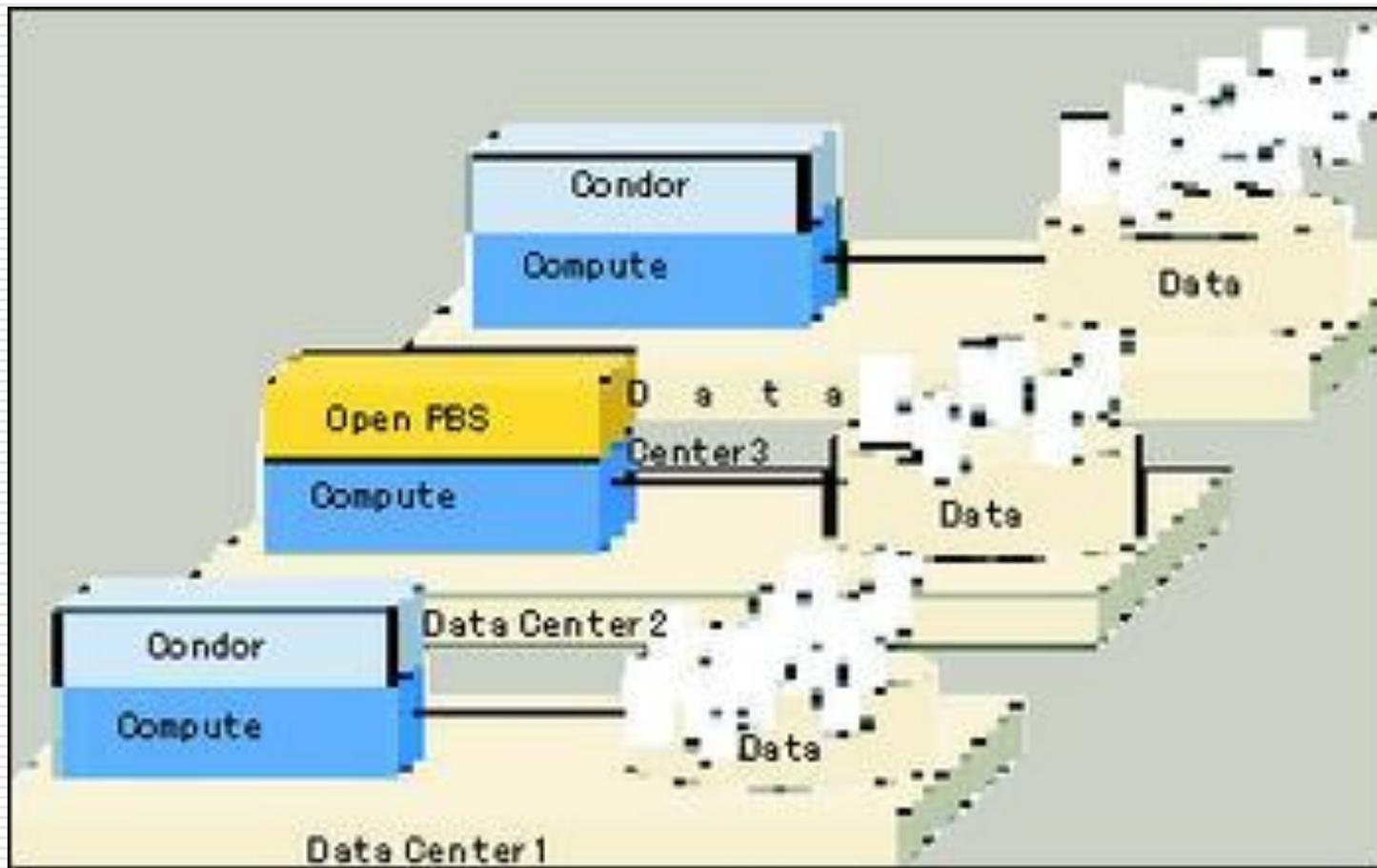




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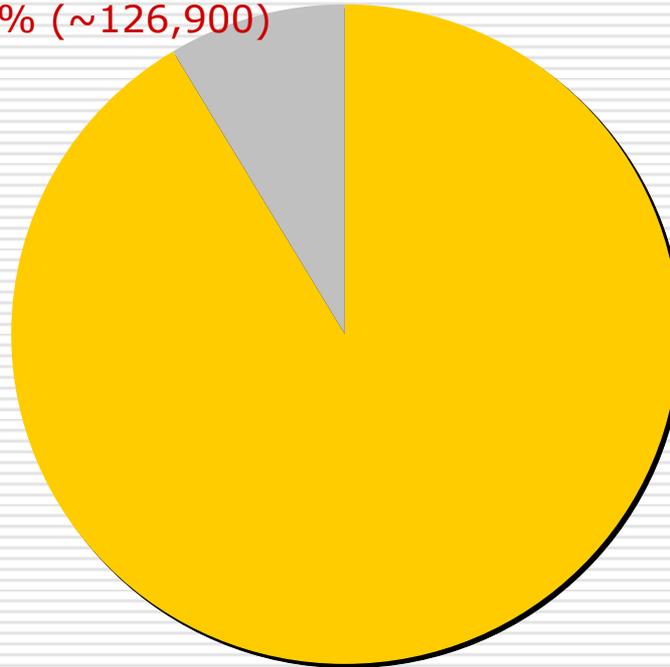
## 4.4 缓解我国科技期刊信息资源分散的状况



## 4.5 减小数字鸿沟

Global Share of Articles Published in 2008/2009

OA Article Share  
9.4% (~126,900)



Total annual article  
output  
~1.35 million



## 4.6 科研人員對OA出版的接受與認可程度



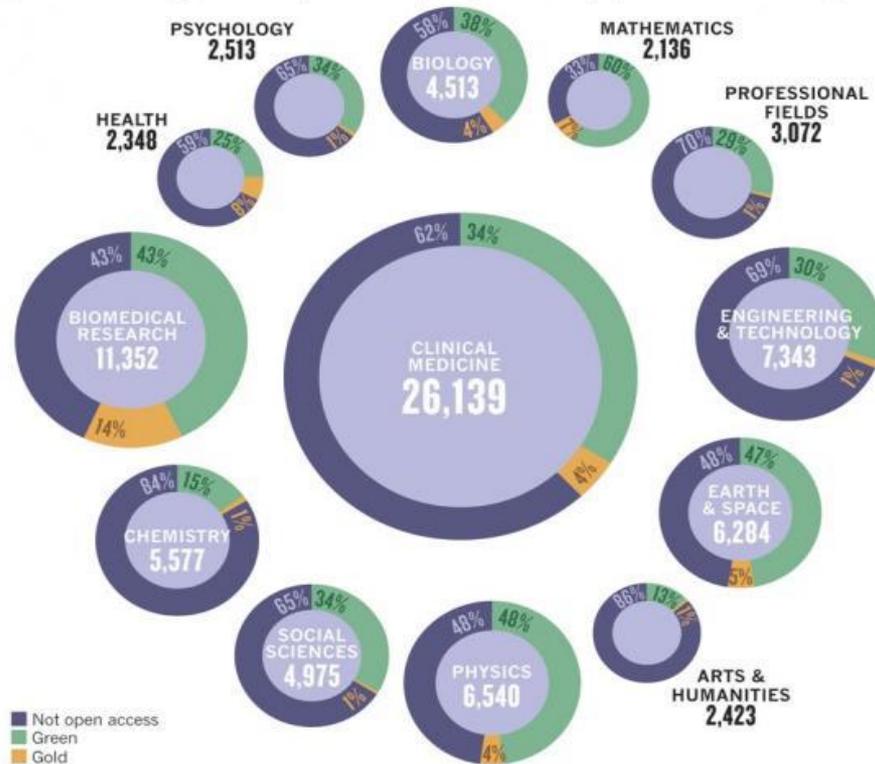
- 国内对开放存取出版较为了解的学科为生命科学和物理科学，其领域科研人员对开放存取“非常了解”的比例分别为**14.6%**、**15%**。
- 我国用户对国内外运行较成功的开放存取资源系统，如开放存取期刊名录(DOAJ)、中国科技论文在线、科学公共图书馆( PLoS)、奇迹文库等，了解其中**1**个及**1**个以上的占**53%**。
- 接受程度：国内医学领域用户对开放存取期刊的接受程度超过**50%**；**20.08%**的用户在选择自己成果出版模式时选择开放存取期刊；如用户单位将开放存取期刊与传统期刊同等看待，则有**12.6%**的用户优先选择开放存取期刊，有**55.12%**的用户认为开放存取期刊与传统期刊均可。



# 各国开放存取政策

## OPEN ACCESS IN THE UK

Of the 85,215 research papers published by UK academics in 2010 (as indexed by Web of Science), around 5% were gold open access, whereby authors pay for open publication. Another 35% were green open access — published behind a pay wall and then put in a free repository. However, the proportion varied between disciplines.



Google 图片搜索 http://img.mit.edu/newsoffice/images/article\_images/original/20101019171629-1.jpg 的 - Windows Internet Explorer

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massachusetts institute of technology

# MITnews

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## In the open

Hundreds of scholarly articles are now freely available online thanks to MIT's landmark Open Access policy.

Morgan Bettex, MIT News Office

October 19, 2010

today's news

### A different operating procedure



Katherine Kellogg, the Mitsui Career Development Associate Professor in Contemporary Technology  
Photo: Dominick Reuter

MIT Sloan's Katherine Kellogg goes inside hospitals to study medical practices.

**Department snapshot: Electrical Engineering and Computer Science**

A year after the MIT Libraries began implementing the faculty's landmark open access policy, hundreds of scholarly articles are now freely available online — and the effort to democratize access to published research is gaining momentum inside the Institute and beyond.



Graphic: Christine Daniloff

"It looks like the policy is working extremely well, and that we are on track," reports Richard Holton, professor of philosophy and chair of the Faculty Committee on the Library System that has been in charge of implementing the policy [approved by MIT's faculty in March 2009](#). Under the policy, faculty authors give MIT nonexclusive permission to disseminate their journal articles for open access through DSpace@MIT, an open-source software platform launched in 2002 to store the digital research materials of MIT

multimedia

Video: "MIT Faculty Open Access Policy"  
From TechTV

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Compact for Open-Access Publishing Equity

Richard Holton

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http://www.openmedicine.ca/images/2/e39/table1.png - Windows Internet Explorer

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后退 搜索 收藏夹

地址 http://www.openmedicine.ca/images/2/e39/table1.png

**Table 1: Common misconceptions about the new NIH open access policy**

Fiction	Fact
The mandate is to publish in open access journals.	The mandate is to deposit in an open access repository (PubMed Central).
The mandate is to bypass journals and peer review.	The mandate is to provide open access to articles already published in peer-reviewed journals.
The mandate applies to the published version of articles.	The mandate applies to the final versions of the authors' peer-reviewed manuscripts.
The mandate directs deposits to PubMed.	The mandate directs deposits to PubMed Central.
The mandate requires a 12-month embargo on the copy in PubMed Central.	The mandate permits an embargo of up to 12 months on the copy in PubMed Central.
The new NIH budget is US\$29 million.	The new NIH budget is US\$29 billion.
The new mandate will last for only 1 year.	The new mandate will last indefinitely.
The mandate requires violation of copyright law.	The mandate requires compliance with copyright law.

完毕

开始

任务栏: H:\开放存... Microsoft... 开放存取与... open acces... Open acces... 百度搜索\_t... Google 图... http://www... 20:33



Open access policy | Wellcome Trust - Windows Internet Explorer

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地址: http://www.wellcome.ac.uk/About-us/Policy/Spotlight-issues/Open-access/index.htm

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**Spotlight issues**

- Counterfeit medicines
- Intellectual property
- Mitochondrial diseases
- Health impacts of climate change
- Influenza
- Personal information
- Data sharing

**Open access**

- eLife
- Guides and reports
- Policy
- Europe PMC
- News
- Harmful misuse of

### Open access at the Wellcome Trust

It is a fundamental part of our charitable mission to ensure that the work we fund can be read and utilised by the widest possible audience. We therefore support unrestricted access to the published outputs of research through our [open access policy](#).

Sir Mark Walport introduces open access at the Wellcome Trust



Running time: 1 min 22 s.

Windows taskbar: 开始 | 运行: H:\开放存... | Microsoft... | 开放存取与... | open acces... | Open acces... | 百度搜索\_t... | Google 图... | http://www... | 20:34





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# 5 学术期刊开放存取出版模式



## 5.1 现状

- 开放程度：完全OA 出版和选择OA 出版两种。完全OA 出版是指学术期刊现刊各期所有文章均可开放获取；选择OA 出版是指期刊部分开放获取，即只有部分论文可开放获取。
- 开放时间：即时OA 出版和延迟OA 出版。即时OA 出版是指开放获取出版与印刷版同步；延迟OA 出版是指印刷版发行一段时间后再开放获取。
- 2010 年调查显示，我国科技领域开放获取期刊中80.9%的期刊实行完全OA 出版，19.1%的期刊是选择OA 出版，69.7%的期刊为即时OA 出版，30.3%的期刊为延时OA 出版。



## 5.2运营机制

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- 作者付费( 包括评审费、编辑加工费等所有出版费用)
- 广告或赞助收入补贴
- 会员费
- 其他收入（增值服务、社会资助等）



## 5.3 多种付费机制并行

---

- 建立在**3B**理论框架下的自负盈亏运作机制
- 建立在经济学效益成本分析基础上的多方付费机制
- 建立在科学版权评估基础上的版税补偿机制。





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## 6 促进我国开放存取学术出版的思路与建议



## □ 6.1 纳入科研评价体系

- 作为对现有科研绩效评价体系的补充，国家科技管理部门应该建立一套针对开放存取出版发表科研成果的评级体系。
- 对于国内外的高水平开放存取出版平台应该予以认可。
- 将已有的开放存取期刊、开放存取仓储等予以划分层级，可参照传统期刊的权威、核心、一般三级划分标准。
- 只有这样，才能激励作者向网络平台投稿，解决学术成果开放存取出版的源动力不足问题。
- 教育部《中国科技论文在线》项目



## □ 6.2 版权

- 版权垄断阻碍了科技期刊开放存取的发展。
- 缺乏相应的国家政策和法律法规。
- 由于对开放存取缺少了解，一些人存在对开放存取版权的错误认识。比如，有些人认为开放存取出版是没有版权的出版，从而出现一些轻视或无视版权的行为。
- 法律不够健全或执行不力，少数用户道德素质不高和相关技术的限制等原因，出现一些学术不端行为，使作者的权利得不到维护。



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## □ 6.3 平台融合

- 检索方式的统一;
- 检索结果的统一;
- 学科类目的统一;

## □ 6.4 内容融合：OA仓储与OA期刊

## □ 6.5 国际接轨、国际规则



