



中国科学院
CHINESE ACADEMY OF SCIENCES



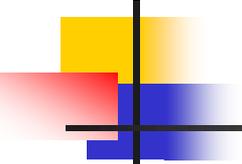
中国科学院文献情报中心
National Science Library, Chinese Academy of Sciences

From Open Repository to Open Scholarly Communication: Experiences Learned in China (CAS)

Zhang Zhixiong

National Science Library, Chinese Academy of
Sciences

May.17th, 2018



Outline

- **OA Repository in CAS**
- **Opportunity for OA Repository**
- **From OA Repository to Open Scholarly Communication**
- **Conclusion**



Outline

- **OA Repository in CAS**
- **Opportunity for OA Repository**
- **From OA Repository to Open Scholarly Communication**
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The Chinese Academy of Sciences

- A national team and a locomotive driving national technological innovation
 - 124 institutes, including 5 universities & supporting organization
 - 56,000 professional researchers
 - > 60,000 students, most of which are doctoral candidates
- CAS tops Nature Index for 6 years



National Science Library, CAS

- More than 500 staff
- HQ in Beijing
- 2 branches in Chengdu, Wuhan
- Provide information Services for CAS





Open Repositories in CAS

- From 2006, more than **110 IRs** been setup and run by the research institutes
- with the software, guidance and services provided by the Library

中国科学院力学研究所机构知识库

最新提交 Recent Additions

- Comments on theoretical foundation of... [预印本文, 2018-05]
- H₂O-H₂O体系氢键网络研究 [预印本文, 2018-05]
- 基于多尺度耦合的纳米材料力学性能研究 [预印本文, 2018-05]
- 弹性波在材料缺陷检测中的应用 [预印本文, 2018-05]
- 基于多尺度耦合的纳米材料力学性能研究 [预印本文, 2018-05]
- 弹性波在材料缺陷检测中的应用 [预印本文, 2018-05]
- 基于多尺度耦合的纳米材料力学性能研究 [预印本文, 2018-05]
- 弹性波在材料缺陷检测中的应用 [预印本文, 2018-05]

内容类型 Type of Content

- 预印本文 [10399]
- 学位论文 [15399]
- 会议论文 [194]
- 期刊论文 [136]
- 研究报告 [7]
- 专利 [325]
- 科技论文 [613]
- 学位论文 [12]
- 预印本文 [19]
- 会议论文 [5]
- 期刊论文 [1]
- 研究报告 [5]
- 学位论文 [5]
- 专利 [5]

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- 二阶张量表示非对称性张量 [预印本文, 2018-05]
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- 弹性波在材料缺陷检测中的应用 [预印本文, 2018-05]

内容类型 Type of Content

- 预印本文 [10691]
- 学位论文 [1594]
- 会议论文 [1267]
- 期刊论文 [192]
- 研究报告 [1866]
- 专利 [15]
- 科技论文 [1045]
- 学位论文 [427]
- 预印本文 [12]
- 王蔚 [376]
- 期刊论文 [19820]
- 专利 [1825]
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最新提交 Recent Additions

- 面向云数据的弹性关键技术研究 [预印本文, 2018-01]
- 大数据背景下网络数据异常检测技术研究 [预印本文, 2018-01]
- 真点云数据异常检测技术研究 [预印本文, 2018-01]
- 基于深度学习的网络数据异常检测技术研究 [预印本文, 2017-12]

内容类型 Type of Content

- 预印本文 [44]
- 期刊论文 [4521]
- 会议论文 [2055]
- 学位论文 [2119]
- 研究报告 [2119]
- 专利 [24]
- 科技论文 [4521]
- 会议论文 [2055]
- 学位论文 [2119]
- 研究报告 [2119]
- 专利 [24]



Open Repositories in CAS

https://www.base-search.net/Search/Results?q=country:cn&refid=dcmapen

Entire Document country:cn

- Verbatim search
 Additional word forms
 Multilingual synonyms
 Boost open access documents

760,642 hits in 128,237,566 documents

1. Preparation and AFM characterization of self-ordered porous alumina films on semi-insulated GaAs substrate

Author: Zhou HY [claim]; Qu SC [claim]; Wang ZG [claim]; Liang LY [claim]; Cheng BC [claim]; Liu JP [claim]; Peng WQ [claim]

Description: Self-ordered porous alumina films on a semi-insulated GaAs substrate were prepared in oxalic acid aqueous solutions by three-step anodization. The I-t curve of anodization process was recorded to observe time effects of anodization. Atomic force m...

Publisher: ELSEVIER SCI LTD

Year of Publication: 2006

Source: Zhou, HY (Zhou, H. Y.); Qu, SC (Qu, S. C.); Wang, ZG (Wang, Z. G.); Liang, LY (Liang, L. Y.); Cheng, BC (Cheng, B. C.); Liu, JP (Liu, J. P.); Peng, WQ (Peng, W. Q.). Preparation and AFM characterization of self-ordered porous alumina films on semi...

Content Provider: Institute of Semiconductors: SEMI OpenIR (Chinese Academy of Sciences) / 中国科学院半导体研究所机构知识库

Detail View | Email this | Add to Favorites | Check in Google Scholar | Export Record

- Content Provider
- (259,206) Xi'an Jiaotong Univ.: XJTU Academic Hub
 - (132,147) Xiamen Univ.: Institutional Repository
 - (43,456) Inst. of Engineering Thermophysics: ETP OpenIR
 - (27,801) Peking Univ.: Institutional Repository (PKU IR)
 - (27,800) Research Center for Eco-Environmental Sciences: ...
 - (23,443) Changchun Inst. of Applied Chemistry: CIAC OpenIR
 - (16,508) Inst. of Mechanics (CAS): IMECH-IR
 - (15,416) Inst. of Semiconductors: SEMI OpenIR
 - (14,835) Shenyang Inst. Of Automation: SIA OpenIR
 - (13,845) CASNW OpenIR (CAREERI)
 - (13,004) Inst. of Oceanology: IOCAS-IR
 - (12,548) Nanjing Inst. of Geology and Palaeontology: ...
 - (12,460) Institute of Automation: CASIA OpenIR
 - (12,237) Shanghai Inst. of Organic Chemistry: SIOC OpenIR
 - (12,037) Inst. of Hydrobiology: IHB OpenIR
 - (10,726) Inst. of Mountain Hazards and Environment: IMHE...
 - (10,520) Inst. of Psychology: PSYCH OpenIR
 - (9,309) Xi'an Inst. of Optics and Precision Mechanics: ...
 - (8,334) Guangzhou Inst. of Geochemistry: GIG OpenIR

- Content Provider
- Language
- Document Type
- Access

More Options

2. Defect influence on luminescence efficiency of GaN-based LEDs

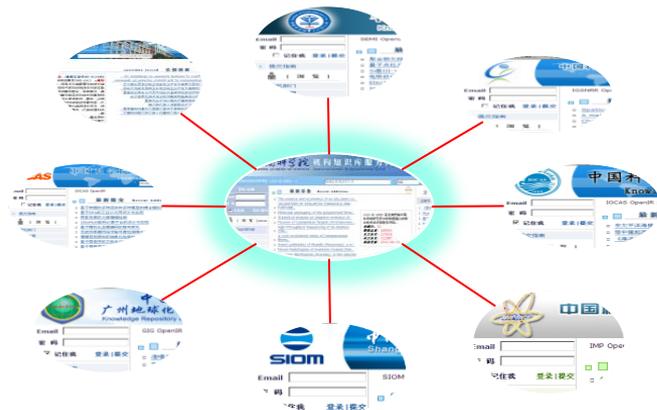
http://211.77.30.120/



Open Repositories in CAS

■ Aggregator: **CAS IR Grid**

- **> 110 IRs** from CAS
- **802,567 items**
- **600,686 full text papers**
- **486,875 English papers**
- **18,155,990 total downloads**
- **17,076,748 downloads outside CAS**
- **The largest Institute Repository Services in China**



<http://www.irgrid.ac.cn>



Chinese Open Research Cloud, CORC

- CORC
- 169 IRs registered
 - 57 IRs outside CAS
 - Including Univ. in and outside China Mainland
- 1,145,396 items

www.chinair.org.cn

CORC 中国开放科研知识云 首页 科研机构 检索 知识图谱 申请加入 托管服务 登录 注册

在169家知识库, 1145396篇文献中检索

ALL 检索

最新成果

美国研究图书馆协会开展软件长期保存和合理使用的最佳实践.	[开放获取动态,2017-10]
中低活性和低资源遗传多样性研究	[期刊论文,2017-04]
甘肃连修复除污染土壤的效果	[期刊论文,2017-04]
肌肉蛋白氧化对肉类品质影响的研究综述	[期刊论文,2017-04]
包装方式和冷藏过程中牦牛肉蛋白质生化特性的影响	[期刊论文,2017-04]

重点成果推荐

1 Effects of heavy metals on plants and resistan...	♥ 8816
2 General relationship between strength and hard...	♥ 8011
3 Tensile and compressive properties of AISI 304...	♥ 6683
4 Heavy metals in plants and phytoremediation - ...	♥ 5022
5 Highly evolved juvenile granites with tetrad R...	♥ 4843
6 A high throughput Nile red method for quantita...	♥ 4836

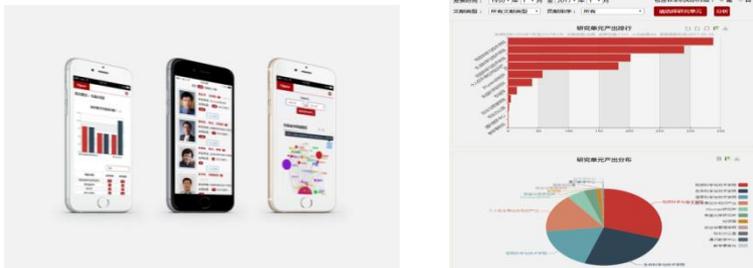
<http://www.chinair.org.cn/>



CSpace

- A Enhanced Chinese version of DSpace
- V 6.0 released 2017

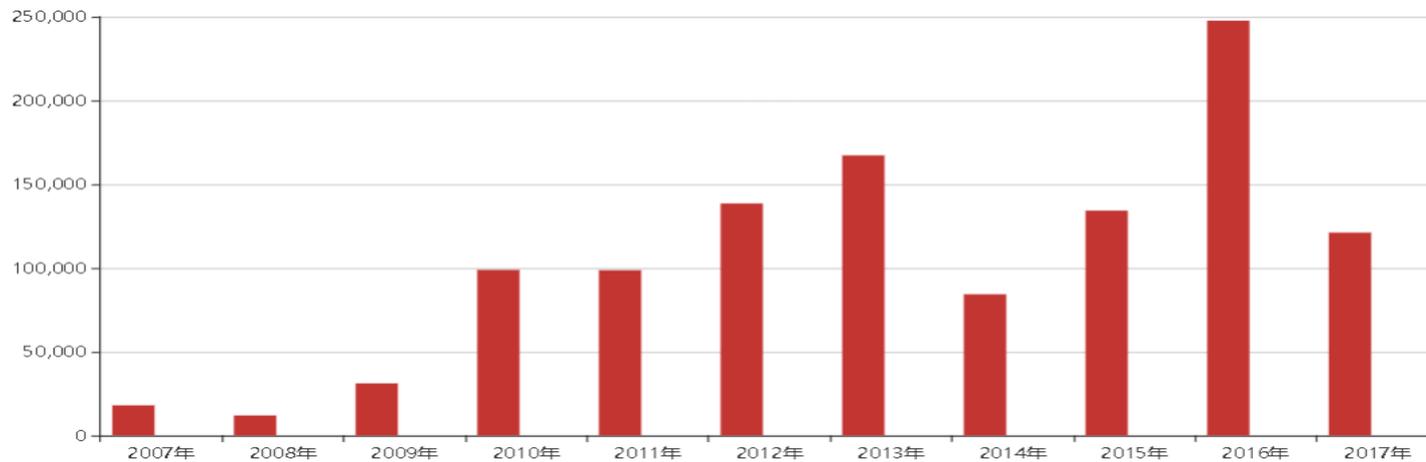
中国科学院兰州文献情报中心，机构知识管理平台CSpace 6.0，2017.9





The Challenge of OA Repository

■ Submission Rate of CORC



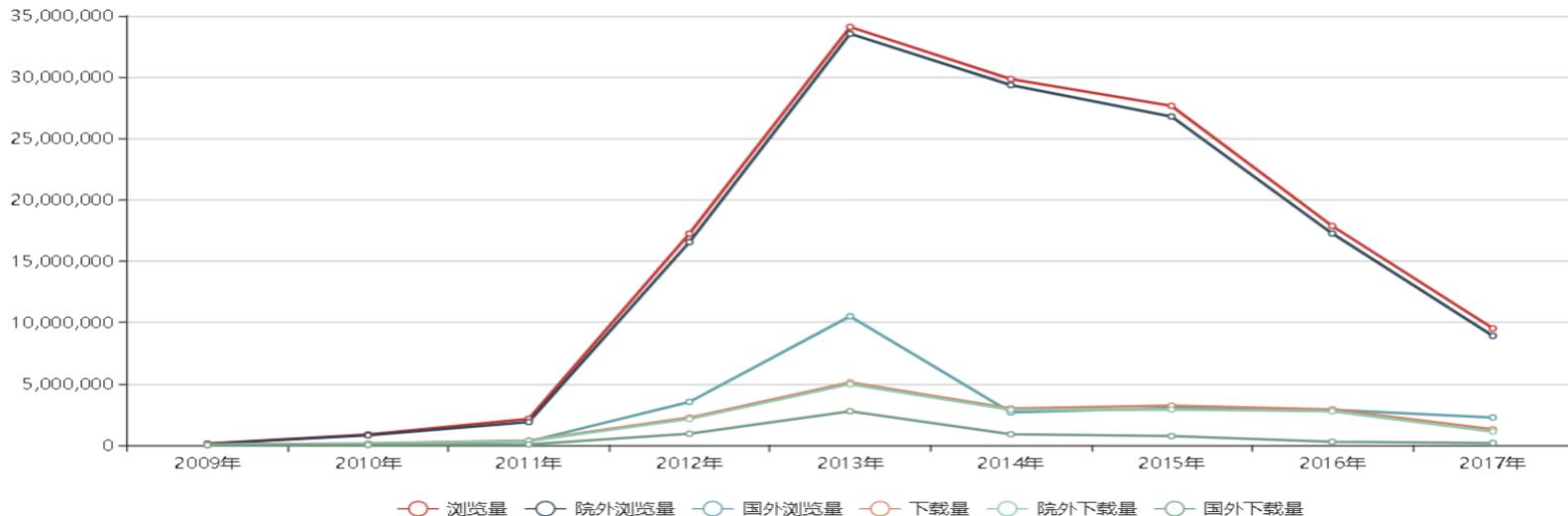


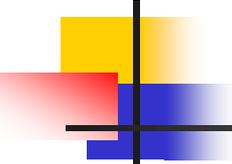
The Challenge of OA Repository

■ Access Rate from CORC

访问趋势统计

从2009-1-01到2018-5-01 周期：年





Opportunity

- Do we still have opportunity in developing OA Repository in Google World?



Outline

- OA Repository in CAS
- Opportunity for OA Repository
- From OA Repository to Open Scholarly Communication
- Conclusion



Opportunity for OA Repository

- In fact, from the very begin of OA movement
- Opportunity for OA Repository are always with us
- It lies in **Scholarly Communication**, especially **lies in Changes in Scholarly Communication**
- Scholarly Communication are **changing from journal-centric model to alternatives**



Changes in Scholarly Communication

■ Igniting Change in Scholarly Communication: SPARC, Its Past, Present, and Future

Igniting Change in Scholarly Communication:
SPARC, Its Past, Present, and Future

(As published in *Advances in Librarianship*, Vol. 26)

Mary M. Case
Director, Office of Scholarly Communication
Association of Research Libraries
21 Dupont Circle, NW
Suite 800
Washington, DC 20036
202-296-2296 x112

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[www.arl.org/
sparc](http://www.arl.org/sparc)

SPARC: Igniting Change in Scholarly Communication

Rick Johnson, Senior Advisor (rick@arl.org)
Scholarly Publishing & Academic Resources Coalition

Crimea 2008 International Conference
Sudak, Autonomous Republic of Crimea, Ukraine



Changes in Scholarly Communication

- 2003, Suzanne E. Thorin,
Indiana University Bloomington
- **Global Changes in Scholarly
Communication**

GLOBAL CHANGES IN SCHOLARLY COMMUNICATION

Suzanne E. Thorin

1. Chapter Overview

For more than a decade, the cost of print and electronic journals, particularly in the sciences, has increased rapidly at the same time as the amount of research being reported via published articles has grown exponentially. The publicity surrounding the cost of finished publications has come about because librarians, in a growing number of cases, simply can no longer afford to purchase some journals. At first blush, the traditional scholarly communication system, apart from the pricing structure, still seems to work. However, under what is still on the surface a relatively stable environment for teaching, learning and scholarship, potentially seismic changes are occurring that are affecting each stage of the scholarly communication process. These challenges include lack of communication between disciplines and a lack of understanding of the social and cultural practices of various disciplines.

When looking closely at the term scholarly communication, it has a somewhat broader meaning than publication, as it also includes the processes by which scholars communicate with one another as they create new knowledge and by which they measure its worth with colleagues prior to making a formal article available to the broader community, which is then purchased and preserved or licensed by academic libraries world-wide.

This chapter divides the scholarly communication process into three distinct aspects: (1) the process of conducting research, developing ideas and communicating informally with other scholars and scientists; (2) the process of preparing, shaping and communicating to a group of colleagues what will become formal research results; and (3) the ultimate formal product that is distributed to libraries and others in print or electronically. The chapter describes some of the strategic issues within the traditional system of scholarly



Opportunity for OA Repository

- **Untill recently, Changes in Scholarly Communication are becoming more and more a reality**



中国科学院
CHINESE ACADEMY OF SCIENCES



中国科学院文献情报中心
National Science Library, Chinese Academy of Sciences

2017 BREAKTHROUGH of the YEAR



Science

2017 BREAKTHROUGH OF THE YEAR
Cosmic convergence

RUNNERS-UP

- Life at the atomic level
- A tiny detector for the shiest particles
- Deeper roots for *Homo sapiens*
- Pinpoint gene editing
- Biology preprints take off**
- A cancer drug's broad swipe
- A new great ape species
- Earth's atmosphere 2.7 million years ago
- Gene therapy triumph

BREAKDOWNS

- Trump and scientists: an epic estrangement
- A bad year for cetaceans
- #MeToo: sexual harassment in science

RELATED ITEMS

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Biology preprints take off



(DAVIDE BONAZZI/SALZMAN ART)

For decades, biologists sat on the sidelines as their colleagues in physics routinely shared draft manuscripts online before they were published in a peer-reviewed journal. But preprint sharing in biology took off this year, as thousands of life scientists posted their unreviewed papers online and funders threw their weight behind this mode of scientific communication.

The stage was set 4 years ago when Cold Spring Harbor Laboratory in New York launched the free biology preprint server, bioRxiv. A trickle of bioRxiv papers in computational biology grew to include experimental studies in fields from microbiology to cell biology and neuroscience. Prominent life scientists fanned out to persuade their colleagues that preprints speed the pace of science and help young investigators build a research record.

Early this year, organizations in the United States and the United



bioRxiv

- launched by Cold Spring Harbor Laboratory in New York, 2013
- The movement still has a long way to go
 - The 1500 or so biology preprints posted each month on bioRxiv
- “It’s amazing how **rapidly things have changed**”
- “It’s a **major cultural change in communication.**”
——Ronald Vale (cell biologist, University of California)



Changes in Scholarly Communication





SSRN was acquired by Elsevier and expanded to important areas such as biology and chemistry

ELSEVIER

SSRN
build

Elsevier > Elsevier Connect > SSRN—the lea

Tools & Technology

SSRN—the leading repository and onl:

Elsevier's acquisition of the strengthen it alongside Mer advancement for each comm

By Gregg Gordon Posted on 17 May 2016





SSRN was acquired by Elsevier and expanded to important areas such as biology and chemistry

New Networks

Biology	BioRN	Chemistry	ChemRN	Education	EduRN
Engineering	EngRN	Women's & Gender Studies	WGSRN		

Research Networks

Accounting	ARN	Health Economics	HEN	Marketing	MKT
Anthropology & Archaeology	AARN	Hebrew	HRN	Music & Composition	MRCN
Classics	CRN	Information Systems & eBusiness	ISN	Negotiation	NEG
Cognitive Science	CSN	Innovation	IRPN	Philosophy	PRN
Corporate Governance	CGN	Law	LSN	Political Science	PSN
Economics	ERN	Leadership	LRN	Rhetoric & Communication	RCRN
Entrepreneurship	ERP	Literature	LIT	Social Insurance	SIRN



Fund agencies accept preprints in a project application and reports

Citing interim research products in applications, proposals and reports

Interim research products can be cited anywhere other research products are cited. These sections include the following:

- [R&R Other Project Information Form, Bibliography & References Cited](#)
- [R&R Senior/Key Person Profile \(Expanded\) Form, Biographical Sketch](#)
- [PHS 398 Research Plan, Progress Report Publication List](#)
- [PHS 398 Career Development Award Supplemental Form, Progress Report Publication List](#)
- [PHS Fellowship Supplemental Form, Progress Report Publication List](#)
- [RPPR, section C - Products](#)

To cite the product, applicants and awardees must include the Digital Object Identifier and the Object type (e.g. preprint, protocol) in the citation. Also list any information about the document version (e.g. most recent date modified), and if relevant, the date the product was cited.



Fund agencies accept preprints in a project application and reports

W



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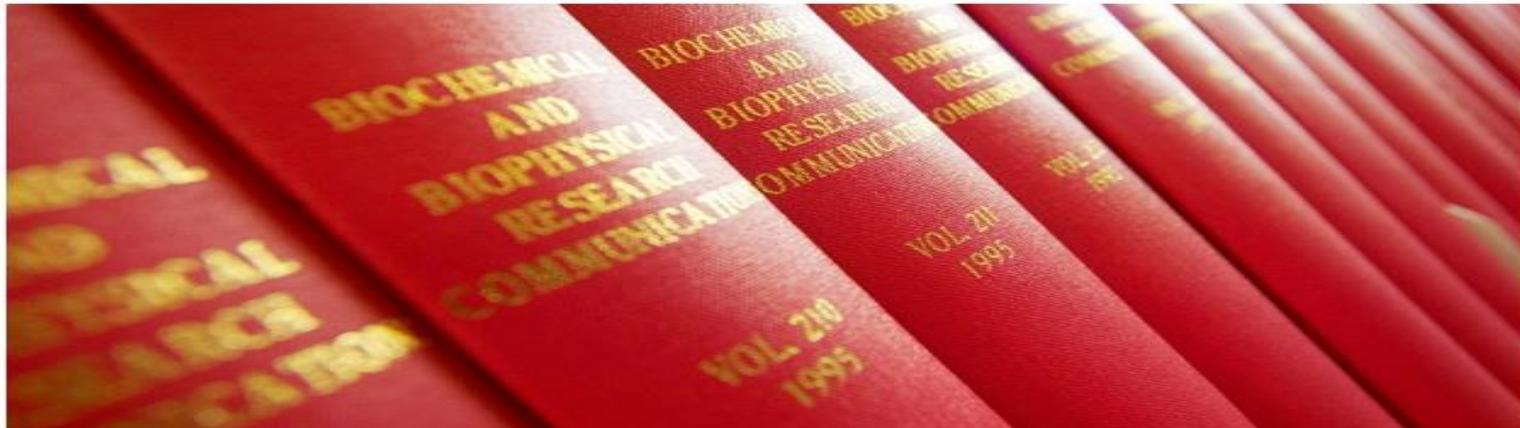


HOME ABOUT CANCER - SUPPORT US - OUR RESEARCH - FUNDING FOR RESEARCHERS - SHOP - ABOUT US -

Home > Funding for researchers > Research features > We accept preprints in grant applications: new guidance for researchers

We accept preprints in grant applications: new guidance for researchers

Category: Research Feature  30 May 2017  Cancer Research UK



We allow – and encourage – our researchers to deposit preprints of their publications, and to cite preprints and other non-traditional research outputs in their funding applications. We're updating our application guidelines to



Revolutionary Changes in Scholarly Communication

- In addition to preprint, many vivid models Scholarly Communication, not just **journal-centric model**
 - Data Archive, Data Repositories, Data Cite, Data Portal,
 - Social Network (Research Gate)
 - Social Storage (SlideShare)
 - Self media (blog, Wechat)
 - Citations -> Altmetrics
 -



Revolutionary Changes Communication

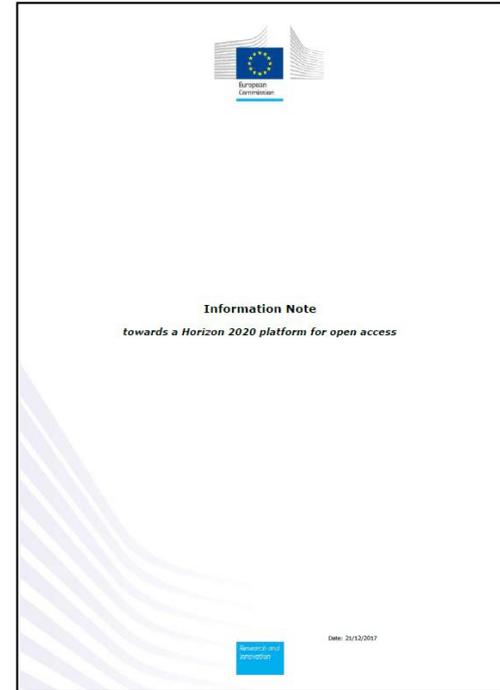
- LIBER Europe Strategy 2018-2022
- Association of European Research Libraries





European Commission Open Research Publishing Platform

- 2017, EU proposes to fund a European Commission **Open Research Publishing Platform**
- The main aim of the platform is to offer **a free and fast publication possibility for peer reviewed articles as well as pre-prints** resulting from Horizon 2020 funding.





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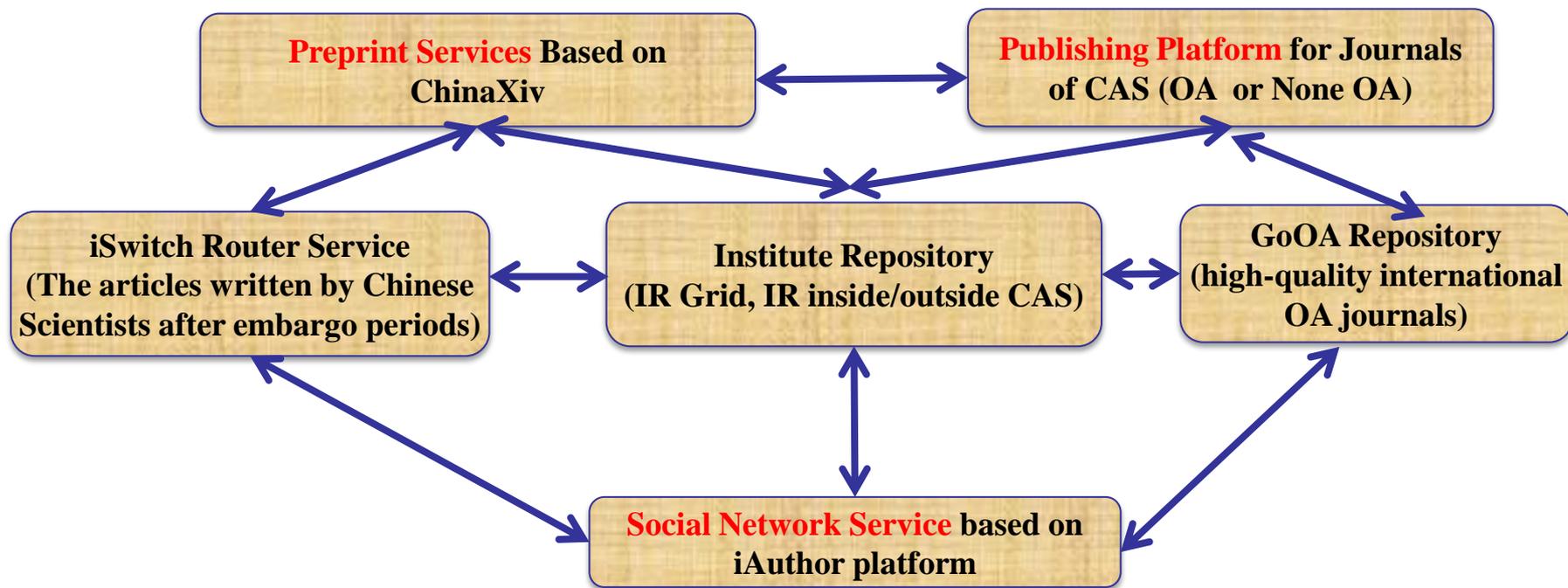


From OA Repository to Open Scholarly Communication

- National Science Library, CAS try to build an Open Scholarly Communication environment for the researcher and students
- Try to enhance the Institute Repositories into a Open Scholarly Communication environment

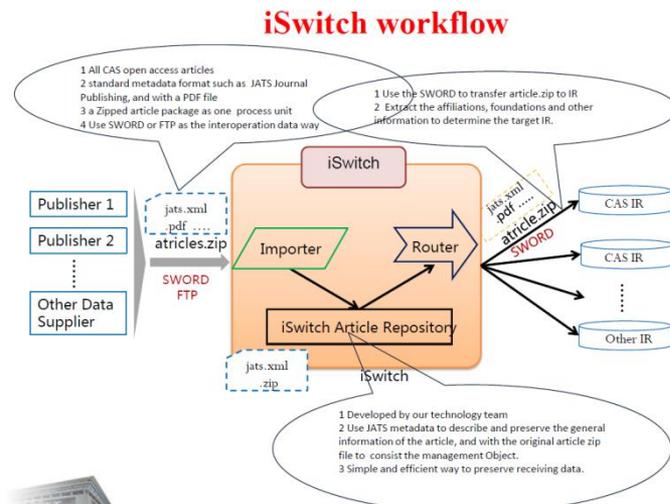


Open Scholarly Communication Environment



iSwitch Router Service

- Router Service Engine iSwitch for Open Access Articles
- Collect the articles written by Chinese Scientists published in international journal after embargo periods
- Disseminate the articles to IR



Na Liang, Xiaolin Zhang, Li Qian, Hongbo Shi, Router Service Engine
iSwitch for Open Access Articles, 2014



GoOA Repository

- GoOA Repository
- Selected Open Access Journals
- Collect the article in those high-quality OA journals
- <http://gooa.las.ac.cn/>

The screenshot displays the GoOA website interface. At the top, there is a navigation bar with links for Home, OA Journals, Journal Evaluation, Open API, FAQs, About GoOA, and OA Journal Ranking Reports. A search bar is located on the right side of the navigation bar.

The main content area features a "Hot Concepts" section with a list of topics and their respective counts: gene expression(1082), Human(934), aging(910), teaching In Astronomy(521), angiogenesis(486), biomarker(463), evolution(429), DNA methylation(404), antioxidant(368), and nuclear Physics(326). There is a "+More" link below the list.

Below the "Hot Concepts" section is a "Journals" section with a list of journals and their counts: BioMed Research International(12315), Mathematical Problems in Engineering(9780), The Scientific World Journal(6999), Evidence-Based Complementary and Alterna, BMC Bioinformatics(5175), BMC Cancer(4856), Abstract and Applied Analysis(4946), International Journal of Mathematics and Mat, BMC Public Health(4185), and Indian Journal of Ophthalmology(4102). There is a "+More" link below the list.

Below the "Journals" section is an "Authors" section with a list of authors and their counts: Hamid Reza Karimi(87) and Viraj V. Vivantkot(79). There is a "+More" link below the list.

On the right side of the main content area, there is a search bar with a dropdown menu for "Articles" and a search button. Above the search bar, there are statistics for Journals (2525), Publishers (127), Articles (441759), and Figures/Tables (448125).

Below the search bar, there is a "Hot Articles" section with a list of articles. The first article is "The Way-Finding in Educational Modular Buildings: The Case of the Male Engineering Building at Qatar University" with a thumbnail image of a building. The second article is "Novel Crashworthy Device for Pier Protection from Barge Impact" with a thumbnail image of a bridge pier. The third article is "Effects of Cyclic Loading on the Mechanical Properties of Mature Bedding Shale" with a thumbnail image of a shale sample.



Publishing Platform

- With the help from **Computer Network Information Center, CAS**
- Developing and running the **Unified Publishing Platform** for more than **300 kinds of Journals of CAS**
 - OA or None OA

The screenshot displays the Visit ScienceDB website interface. At the top, there is a navigation bar with 'HOME', 'EDITORIAL BOARD', 'FOR AUTHORS', 'ABOUT', and 'BROWSE'. Below the navigation bar, there are icons for 'chondrichthans', 'bony fishes', and 'tetrapods'. The main content area features a 3D morphological data visualization of *Pauropetalichthys magnoculus* from the Early Devonian of Qujing, Yunnan, China. The visualization shows a blue box with text: 'Carboniferous to now', '3D morphological data of *Pauropetalichthys magnoculus* from the Early Devonian of Qujing, Yunnan, China', and a phylogenetic tree with 'petalichthyids' highlighted in blue. To the right of the visualization are two 3D models of the fossil skull, one showing the internal structure in green and the other in yellow. Below the visualization, there is a 'Recommended Articles' section with a link to 'Pool mirroring the sky and clouds. From the source run fresh currents" — Introducing China Scientific Data' by Guo Huadong, published on June 1, 2016. At the bottom right, there is a video player for '1991~2001年北京十三陵台站地磁数据集' by 赵秀宽, 吴宝元, 宁百秀, published on 2017年11月14日.



Social Network Service based on iAuthor



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朱道本 ✔ Language : 简体中文

其他名: Zhu Daoben, Daoben Zhu, Zhu D B, D B Zhu

ORCID:0000-0002-6354-940X

机构: 中国科学院化学研究所

学术主页: <http://iAuthor.las.ac.cn/CN/0000-0002-6354-940X>

研究主题 全部 按年份

thin films(6) organic semiconductors(8) Mobility(4) silver(1)

gold nanoparticles(7) Photoluminescence(13) Cycloaddition(7)

[60]fullerene(6) zinc(1) ZnO(2) fullerenes(18) 碳(1) LB膜(6)

Magnetic properties(12) conductivity(18) 薄膜(3) 富勒烯(11) 碳60(6)

C-60(3) 分子器件(13) synthesis(24) 合成(7) fluorescence(13)

导电性(4) polymers(10) crystal structure(25) wettability(7) 薄膜(2)

luminescence(5) self-assembly(20) 制备(7) tetrathiafulvalene(13)

electrochemistry(8) semiconductors(6) fullerene(18) electroluminescence(18) ET(2)

carbon nanotubes(10) crystal(1) Pyrene(3) charge transfer(5) DMQ(2)

酞菁(2) Langmuir-Blodgett films(13) FT-IR(1) light-emitting diodes(6)

Surface chemistry(7) phthalocyanine(8) optical properties(7)

膜70(2)

按年代分组

- 2014(26)
- 2013(26)
- 2012(31)
- 2011(33)
- 2010(58)
- 2009(53)
- 2008(79)
- 2007(76)
- 2006(82)
- 2005(94)

展开

科研产出 (1167) Web of Science被引次数 (40107) CSCD被引次数 (310)

姓名、题名、刊名 检索 全选 取消全选 排序 导出

☐	☉	[1] Jiang Runsheng, Li Yongjun, Qin Zhihong, 更多 . A chiral macrocyclic receptor for sulfate anions with CD signals[J]. RSC ADVANCES, 2014, 4(4): 2023-2028.
☐	☉	[2] Bai Huitao, Cheng Pei, Wang Yifan, 更多 . A bipolar small molecule based on indacenodithiophene and diketopyrrolopyrrole for solution processed organic solar cells[J]. JOURNAL OF MATERIALS CHEMISTRY A, 2014, 2(3): 778-784. Web of Science被引次数: 8
☐	☉	[3] Jiao Fei, Zhang Fengjiao, Zang Yaping, 更多 . An easily accessible carbon material derived from carbonization of polyacrylonitrile ultrathin films: ambipolar transport properties and application in a CMOS-like inverter. 2014.
☐	☉	[4] Lin Yuze, Ma Lanchao, Li Yongfang, 更多 . Small-Molecule Solar Cells with Fill Factors up to 0.75 via a Layer-by-Layer Solution Process[J]. ADVANCED ENERGY MATERIALS, 2014, 4(1): Web of Science被引次数: 6

按类型分组

- 期刊论文(872)
- wos(293)



ChinaXiv: a Preprint Service from China

- Launched in 2016
- To build the national preprint service infrastructure in China
- Accept scholarly preprints in English or Chinese
- In all the field of natural science

The screenshot shows the ChinaXiv website interface. The header includes the ChinaXiv logo and navigation links for Home, Submit, Browse, Search, Journals, MyCenter, and About. A search bar is visible with the text "Enter search keywords" and a "Search Q" button. The main content area displays a search result for a preprint titled "Carbon storage in a wolfberry plantation chronosequence established on a secondary saline land in an arid irrigated area of Gansu Province, China". The authors listed are MA Quanlin, WANG Yaolin, LI Yizhe, SUN Tao, and Eileenor MILNE. The abstract text is partially visible, discussing carbon storage and its potential in wolfberry plantations.

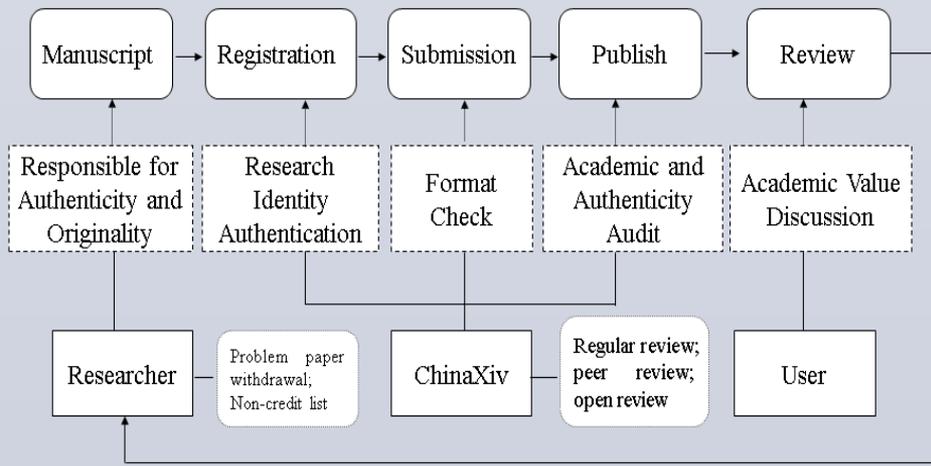


ChinaXiv: a Preprint Service from China

ChinaXiv Governance Model



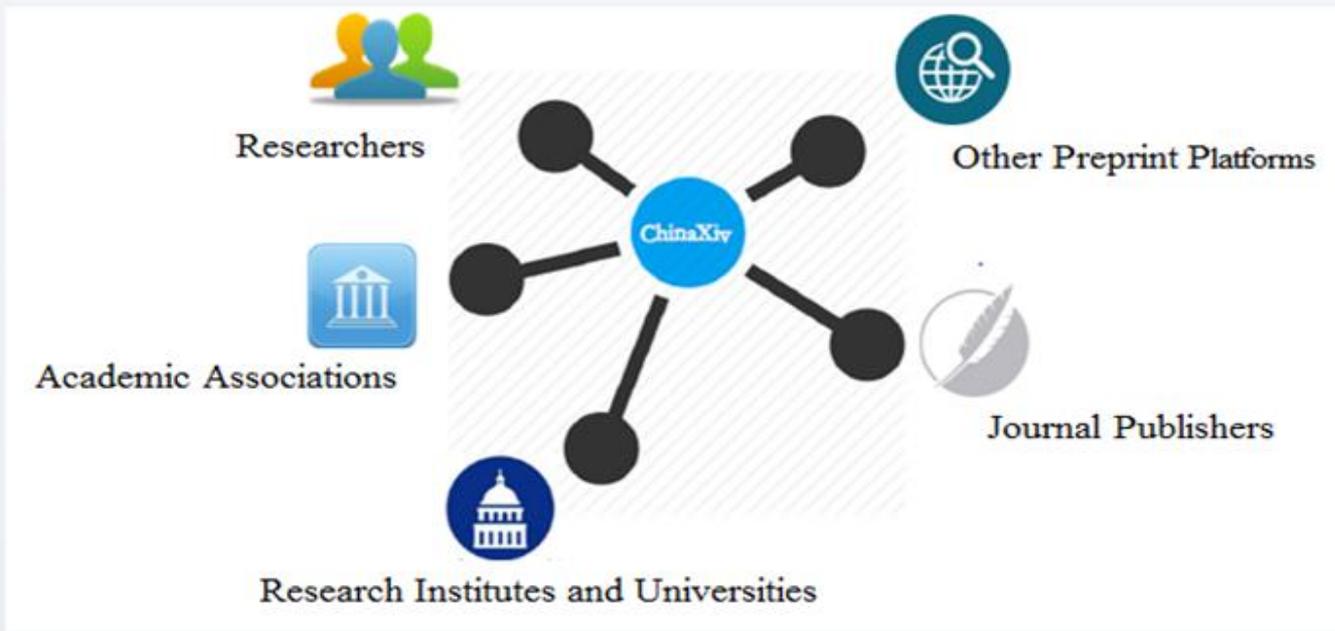
ChinaXiv Quality Control Mechanism





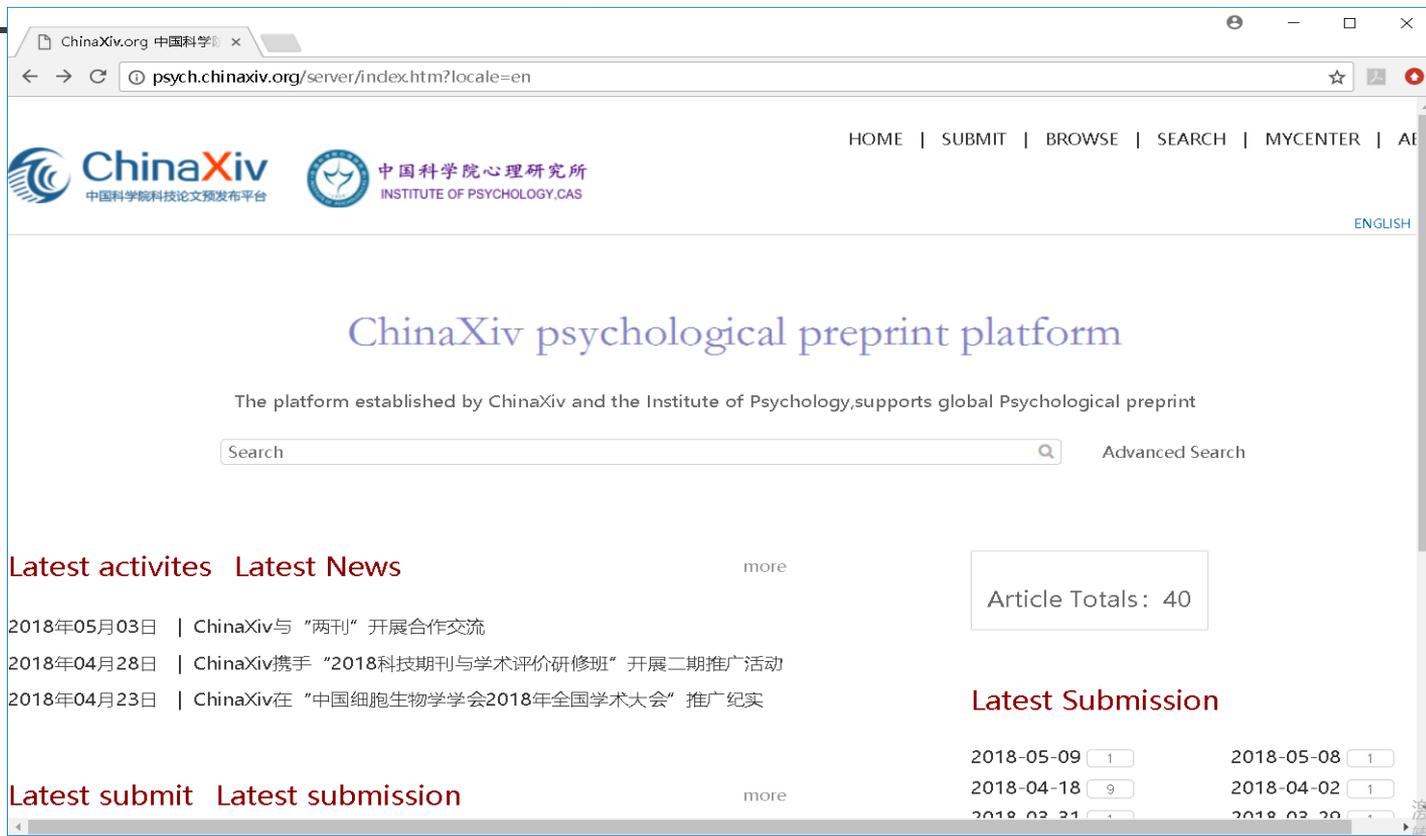
ChinaXiv: a Preprint Service from China

ChinaXiv Promotion and Cooperation Strategy





ChinaXiv: a Preprint Service from China

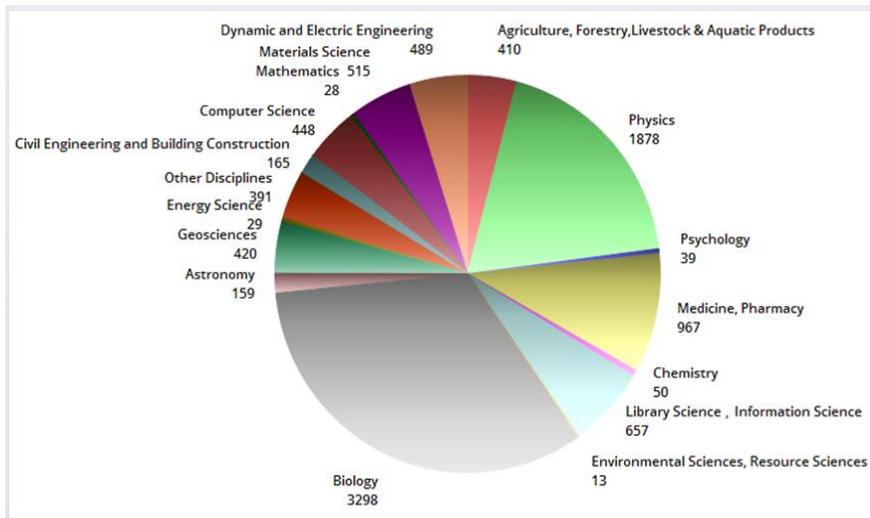


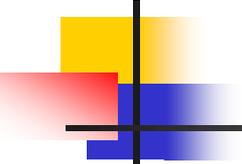
The screenshot shows the homepage of the ChinaXiv psychological preprint platform. The browser address bar displays the URL `psych.chinaxiv.org/server/index.htm?locale=en`. The page features navigation links for HOME, SUBMIT, BROWSE, SEARCH, MYCENTER, and ABOUT. Logos for ChinaXiv (中国科学院科技论文预发布平台) and the Institute of Psychology, CAS (中国科学院心理研究所) are visible. The main heading reads "ChinaXiv psychological preprint platform". Below this, a descriptive sentence states: "The platform established by ChinaXiv and the Institute of Psychology, supports global Psychological preprint". A search bar with a magnifying glass icon and a link to "Advanced Search" is provided. On the left, there are sections for "Latest activities" and "Latest News" with a "more" link, and "Latest submit" and "Latest submission" with a "more" link. On the right, a box indicates "Article Totals: 40" and a "Latest Submission" section lists recent uploads with dates and counts: 2018-05-09 (1), 2018-05-08 (1), 2018-04-18 (9), 2018-04-02 (1), 2018-03-21 (1), and 2018-03-20 (1).



ChinaXiv: a Preprint Service from China

The screenshot shows the ChinaXiv website interface. At the top, there are navigation links for 'Login', 'Reg', 'English', and '中文'. Below this is the 'ChinaXiv' logo and the tagline '中国科学院科技论文预发布平台'. A secondary navigation bar includes 'Home', 'Submit', 'Browse', 'Search', 'Journals', 'MyCenter', and 'About'. A search bar is present with the text 'Enter search keywords' and a 'Search' button. The main content area is divided into several sections: 'Latest activities—Latest News' with a list of recent events, 'Latest submit' with a 'LATEST SUBMISSION' button, and a featured article titled '鼎湖山针阔叶混交林CO2浓度及通量变化特征' (CO2 concentration and flux change characteristics of the Dinghu Mountain needle-leaved broad-leaved mixed forest). On the right side, there is a box showing 'Article Totals: 10,092' and a 'Preprint policy of Journal' section.





Outline

- **OA Repository in CAS**
- **Opportunity for OA Repository**
- **From OA Repository to Open Scholarly Communication**
- **Conclusion**



Conclusion

- Changes in Scholarly Communication is a opportunity for OA repository
- The OA repository should not be **a warehouse for data**, but **a stage** for scientist (students)
 - to disseminate the findings, share the research results, exchange the ideas, make friends, communicate and cooperate
- OA repository still has a long way to go



THANKS!

Thank you for your attention!
谢谢关注!



<http://chinaxiv.org>

ChinaXiv DOI prefix: 10.12074