

ASIA-PACIFIC ASSOCIATION OF MEDICAL EDITORS CONVENTION 2012

Institutional repositories and libraries : being visible

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Library

University of Malaya

OUTLINE



- Abstract
- Introduction
- Examples of Institutional Repositories or IRs
- Visibility via the Web
- Malaysia
- University of Malaya
- Issues and challenges
- Conclusion

ABSTRACT

- The development of institutional repositories (IRs) is rampant and the task of developing and maintaining them is left to the university libraries. Most of the materials uploaded to the IRs are created by the staff of the university and therefore IRs now take the role of information disseminators on the academic activities of the university community. Many see IRs as a means of making a university visible through its publications and publishing activities and its presence helps to enhance the visibility of research as well as publications emanating from research. The traditional mode of scholarly publishing is seen by many as being too slow and is unable to keep up with STM research output. Within the university setting, the library is seen as the most suitable entity to propagate IRs. Libraries have always played a vital role in the information cycle and it is a natural progression for the library to manage as well as maintain an IR.



INTRODUCTION

- Definition of Institutional Repositories or IRs
 - Crow (2002) - “digital collections that capture and preserve the intellectual output of university communities”.
 - Johnson (2002) - “any collection of digital material hosted, owned or controlled, or disseminated by a college or university, irrespective of purpose or provenance” .
 - Johnson (2002) – “a digital archive of the intellectual product created by the faculty, research staff, and students of an institution; accessible to end users both within and outside of the institution, with few if any barriers to access” .

- University libraries worldwide - develop and maintain IRs to manage and disseminate digital materials and provide access to scholarship of the university
 - Materials created by staff of the university.
 - IRs serve to disseminate information on the academic activities of the university community.
- Why an institution must have an IR?
 - To increase visibility and citation impact of institution's scholarship
 - To provide unified access to institution's scholarship
 - To provide open access to institution's scholarship
- Open access - users are free to “read, download, copy, distribute, print, search or link to the full texts of 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“, (Budapest Open Access Initiative, 2002)

EXAMPLES OF INSTITUTIONAL REPOSITORIES



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DIGITAL ACCESS TO SCHOLARSHIP AT HARVARD

A SERVICE OF THE OFFICE FOR SCHOLARLY COMMUNICATION

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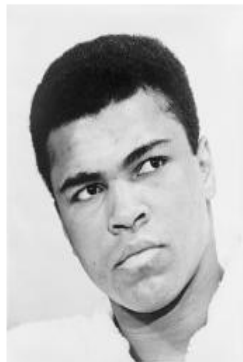
What is DASH?

A central, open-access repository of research by members of the Harvard community.



Featured Works

I Am the Greatest!



Overconfidence might not be such a bad trait, at least from an evolutionary standpoint. In their article, "Evolution: Selection for Positive Illusions," Profs. Matthijs van Veelen and Martin Nowak observe that most of us overestimate our abilities and underestimate our exposure to risk.

That sounds like a recipe for disaster, but thinking you're the greatest (even if you're really just "pretty good") may actually offer an evolutionary advantage.

Martin Nowak is a Professor of Mathematics and Biology, as well as the Director of the Program for Evolutionary Dynamics at Harvard. You can find a complete list of Prof. Nowak's articles in DASH [here](#).

Best Intentions, Ironic Results

The humor in shows like *The Office* and *Curb Your Enthusiasm* usually arises out of their protagonists' penchant for saying or doing things with the best intentions. But the



Search

- Keyword Search
- Advanced Search

Browse

- Communities & Collections
- Harvard-affiliated Authors
- All Authors
- Titles
- Keywords
- FAS Departments
- By Issue Date
- By Submit Date

This Week's Most Downloaded Works

1. Political Instability and Economic Growth
2. Same Sex Marriage, Full Faith and Credit, and the Evasion of Obligation
3. Workplace Wellness Programs Can Generate Savings
4. Kant's Formula of Universal Law



DSpace at Cambridge

June 2012: due to infrastructure changes, DSpace@Cambridge and associated services may be intermittently unavailable. We apologise for the inconvenience.

DSpace@Cambridge is the institutional repository of the University of Cambridge. The repository was established in 2003 to facilitate the deposit of digital content of a scholarly or heritage nature, allowing academics and their departments at the University to share and preserve this content in a managed environment.

For more information on DSpace@Cambridge's services please visit the support web site.



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Search input field with placeholder text and search icon

Advanced Search

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Research data management

DSpace user information

Open access

Recent Submissions

Ya ri a bsod Collection 1

Remodeling of central metabolism in invasive breast cancer compared to normal breast tissue - a GC-TOFMS based metabolomics study

Language Landscape: Mapping the Dynamics of Language Diversity

Sustainable Solutions for Endangered Languages Data: The Language Archive

Affordable and Expedient: Platforms and Technologies for the Capture and Cartographic Presentation of Linguistic and Cultural Data

News

The PrePARE project is coming to an end today! See the article in the Cambridge Research News for details about findings and outputs.

"Science as an open enterprise" (Royal Society), "Open Access for publicly funded research" (Finch Report)- read most recent news on Open Access issues.

Subscribe to DSpace@Cambridge newsletter



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- Issue Date
- Department
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[ScholarBank@NUS](#) > About

About ScholarBank@NUS

ScholarBank@NUS is the institutional repository of National University of Singapore. It houses scholarly output of NUS to facilitate dissemination, access to knowledge for creation of new knowledge. The collections include journal articles, conference papers, datasets, teaching materials, patented works and students' theses. This repository supports open access to scholarly communication while preserving the scholarly output of the NUS for future generations.

By depositing your works in the repository, they become more visible to your peers (through Google Scholar etc) and thus get cited more!

ScholarBank@NUS provides a secured and stable platform for storage and retrieval.

You have control over who has access to your work, either open access to the world or restricted to NUS community.

VISIBILITY VIA THE WEB



- Web presence and visibility – indicators of global performance of universities - eg. Ranking Web of Universities (<http://www.webometrics.info>)
- IRs tracked via
 - OpenDOAR (Directory of Open Access Repositories- <http://www.opendoar.org>) – 2196 IRs - “OpenDOAR is a project to list and categorise academic open access research repositories. The aim is to provide a comprehensive and authoritative list of such repositories ... This will **increase the accessibility and use of the content of these repositories, which will benefit the authors of the research material** and the researchers who wish to find it”.
 - ROAR (Registry of Open Access Repositories - <http://roar.eprints.org/>) – 2947 IRs - “The aim of ROAR is to promote the development of open access by providing timely information about the growth and status of repositories throughout the world. Open access to research **maximises research access and thereby also research impact, making research more productive and effective**”.

RANKING WEB OF UNIVERSITIES

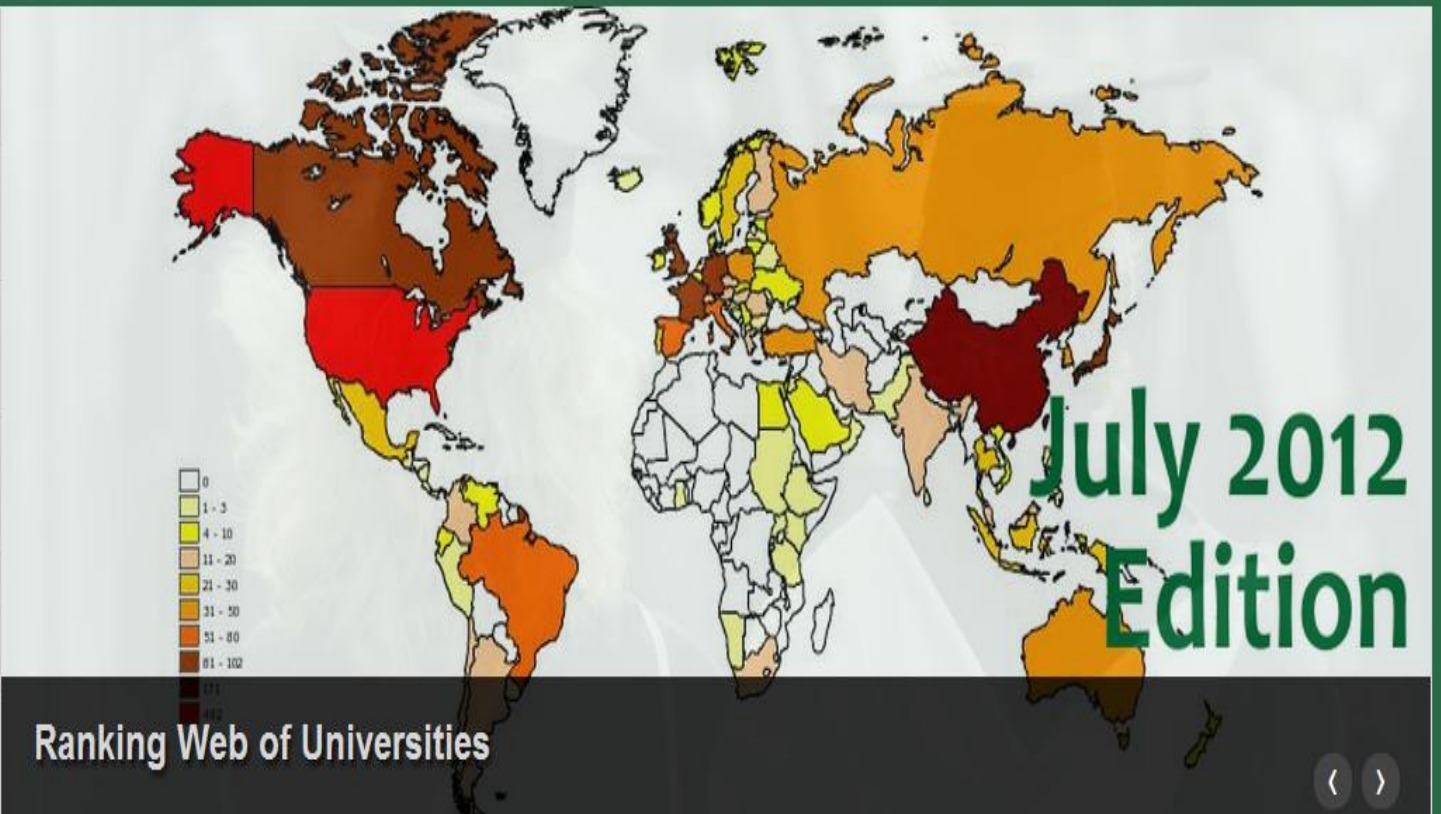
- Repositories
- Hospitals
- Business Schools
- Research Centers

SEARCH



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- AMERICA
- ASIA
- EUROPE
- OCEANIA
- RANKING BY AREAS
- DOMAINS RANKING

- WORLD
- AMERICAS
- ASIA/PACIFIC
- EUROPE
- AFRICA
- ARAB WORLD



The Directory of Open Access Repositories - OpenDOAR

[Search for repositories](#) | [Search repository contents](#) | [List of repositories](#) | [Repository Statistics](#)

OpenDOAR is an authoritative directory of academic open access repositories. Each OpenDOAR repository has been visited by project staff to check the information that is recorded here. This in-depth approach does not rely on automated analysis and gives a [quality-controlled](#) list of repositories.

As well as providing a simple [repository list](#), OpenDOAR lets you [search for repositories](#) or [search repository contents](#). Additionally, we provide tools and support to both repository administrators and service providers in sharing best practice and improving the quality of the repository infrastructure. Further explanation of these features is given in a project document [Beyond the list](#).

The current directory lists repositories and allows breakdown and selection by a variety of criteria - see the [Find](#) page - which can also be viewed as [statistical charts](#). The underlying database has been designed from the ground up to include in-depth information on each repository that can be used for search, analysis, or underpinning services like text-mining. The OpenDOAR service is being developed incrementally, developing the current service as new features are introduced. A list of [Upgrades and Additions](#) is available.

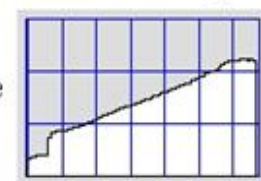
Developments will be of use both to users wishing to find original research papers and for service providers like search engines or alert services which need easy-to-use tools for developing tailored search services to suit specific user communities.

OpenDOAR is one of the SHERPA Services including [RoMEO](#) and [JULIET](#), run by the [Centre for Research Communications](#) (CRC). Current development work is [currently funded](#) by [JISC](#), with contributions from the CRC host organisation, the [University of Nottingham](#).

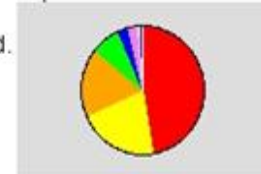
OpenDOAR has also been identified as a key resource for the Open Access community ([K.B. Oliver & R. Swain, 2006](#) - PDF) and identified as [the leader in repository directories](#) in a study by [Johns Hopkins University](#). OpenDOAR was one of the services which contributed to [SHERPA](#) being awarded the [2007 SPARC Europe Award for Outstanding Achievements in Scholarly Communications](#).

More information on the project is available on this site through the [About](#) page.

OpenDOAR has over 2000 listings!



Growth of the OpenDOAR Database



Repositories by Continent



Registry of Open Access Repositories

Welcome to the Registry of Open Access Repositories

The aim of ROAR is to promote the development of open access by providing timely information about the growth and status of repositories throughout the world. Open access to research maximises research access and thereby also research impact, making research more productive and effective. [More information...](#)

Any Country ▾ Any Software ▾ Any Repository Type ▾ Sort by number of recs ▾ Search

Displaying results 1 to 20 of 2947.
1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Next

Export 2947 results as Activity table ▾ Export

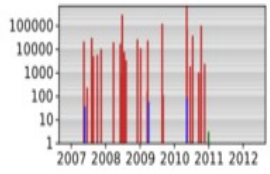
RSS 1.0 Atom RSS 2.0

Search Content Graphical analysis



1.

Deposit Activity

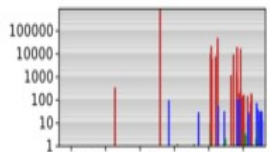


[Networked Digital Library of Theses and Dissertations Union Catalog \(1533400 records\)](#) - 18 April 2006 [\[Record Details\]](#)



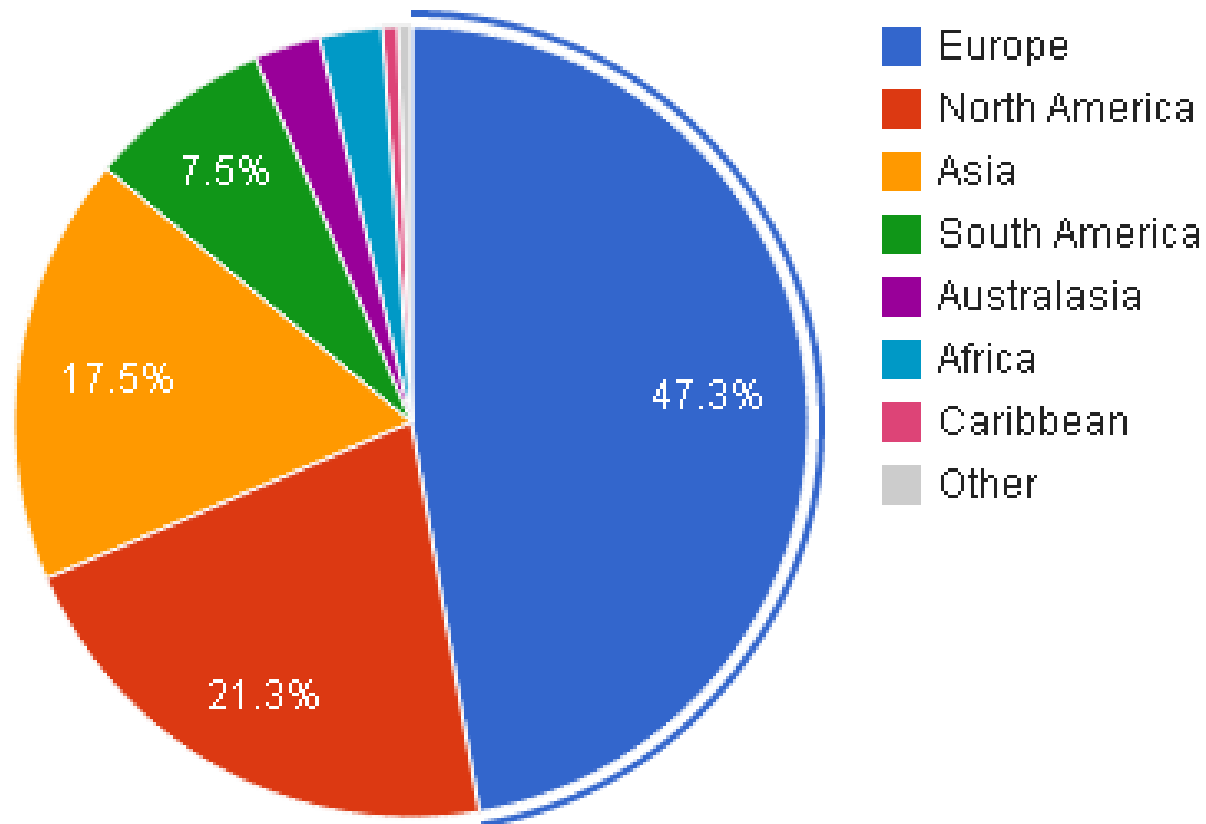
2.

Deposit Activity



[Virtual Library of Historical Press \(1008486 records\)](#) - 4 April 2006 [\[Record Details\]](#)

Proportion of Repositories by Continent - Worldwide

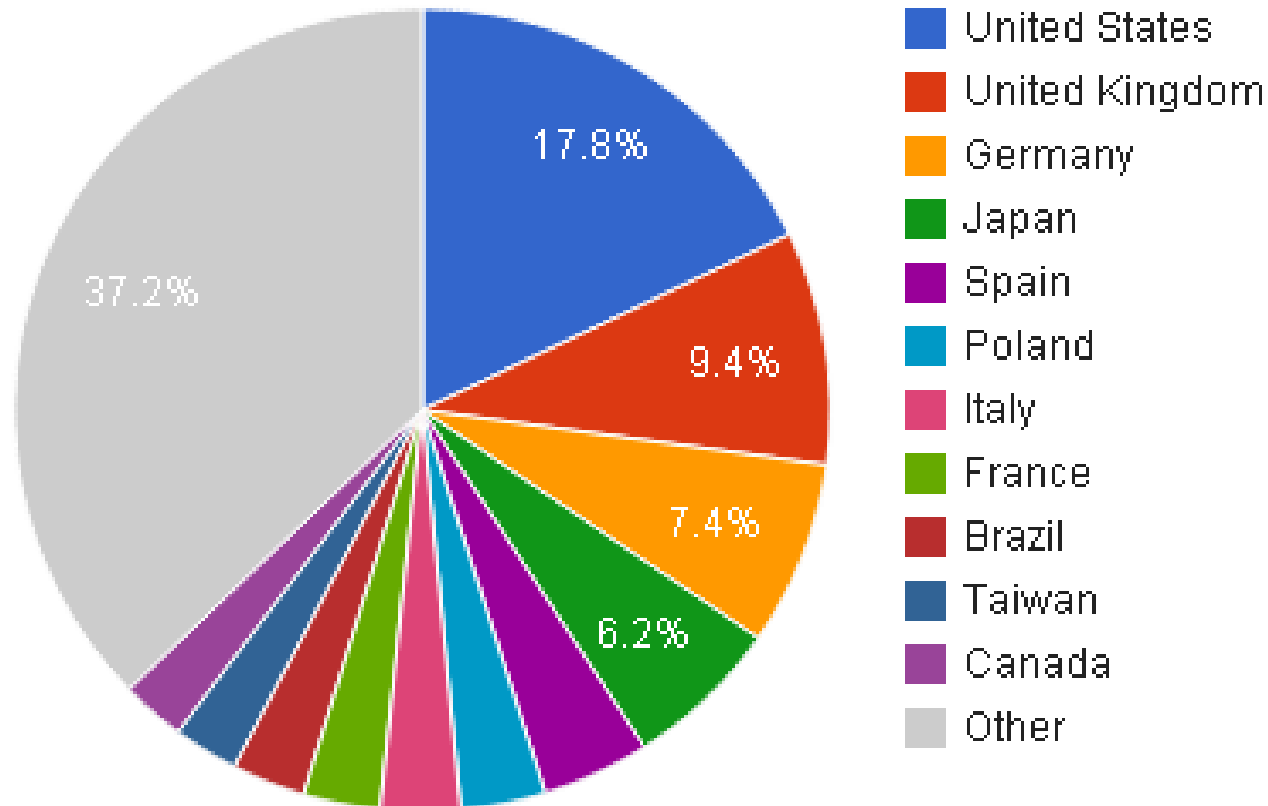


Total = 2196 repositories

OpenDOAR - 01-Sep-2012



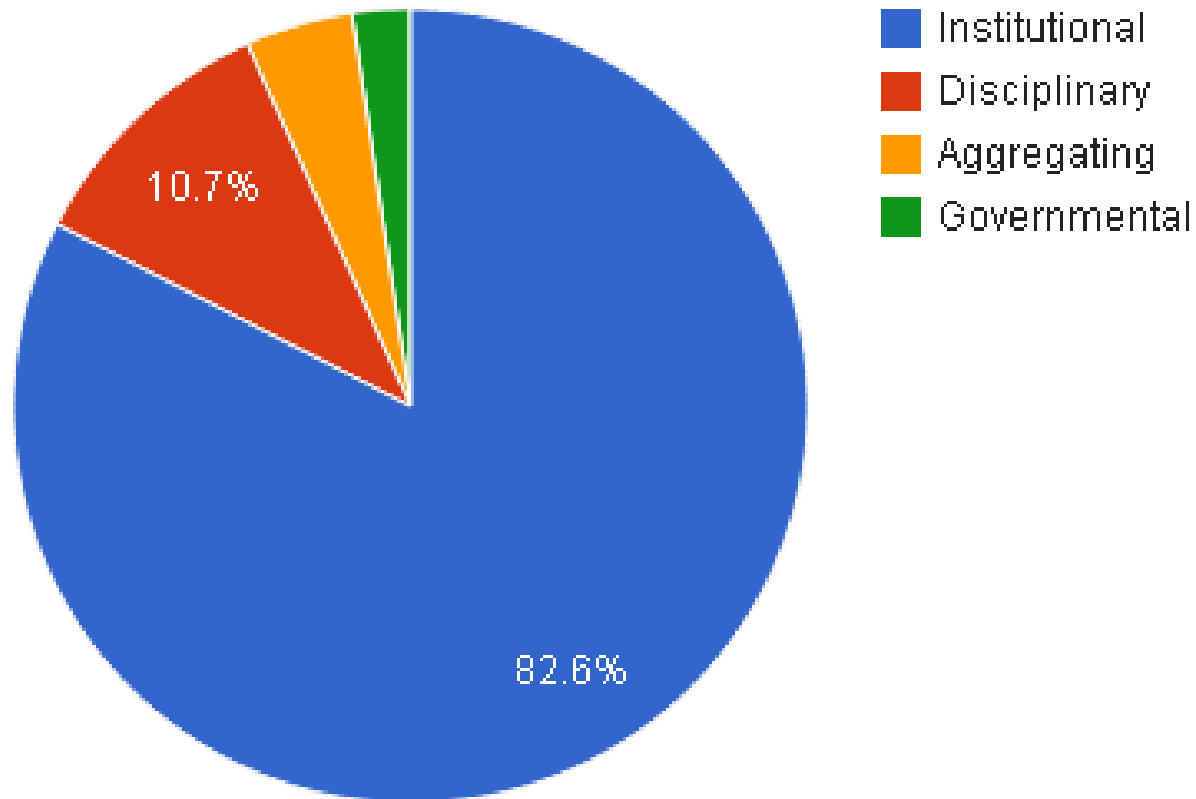
Proportion of Repositories by Country - Worldwide



Total = 2196 repositories

OpenDOAR - 01-Sep-2012

Open Access Repository Types - Worldwide

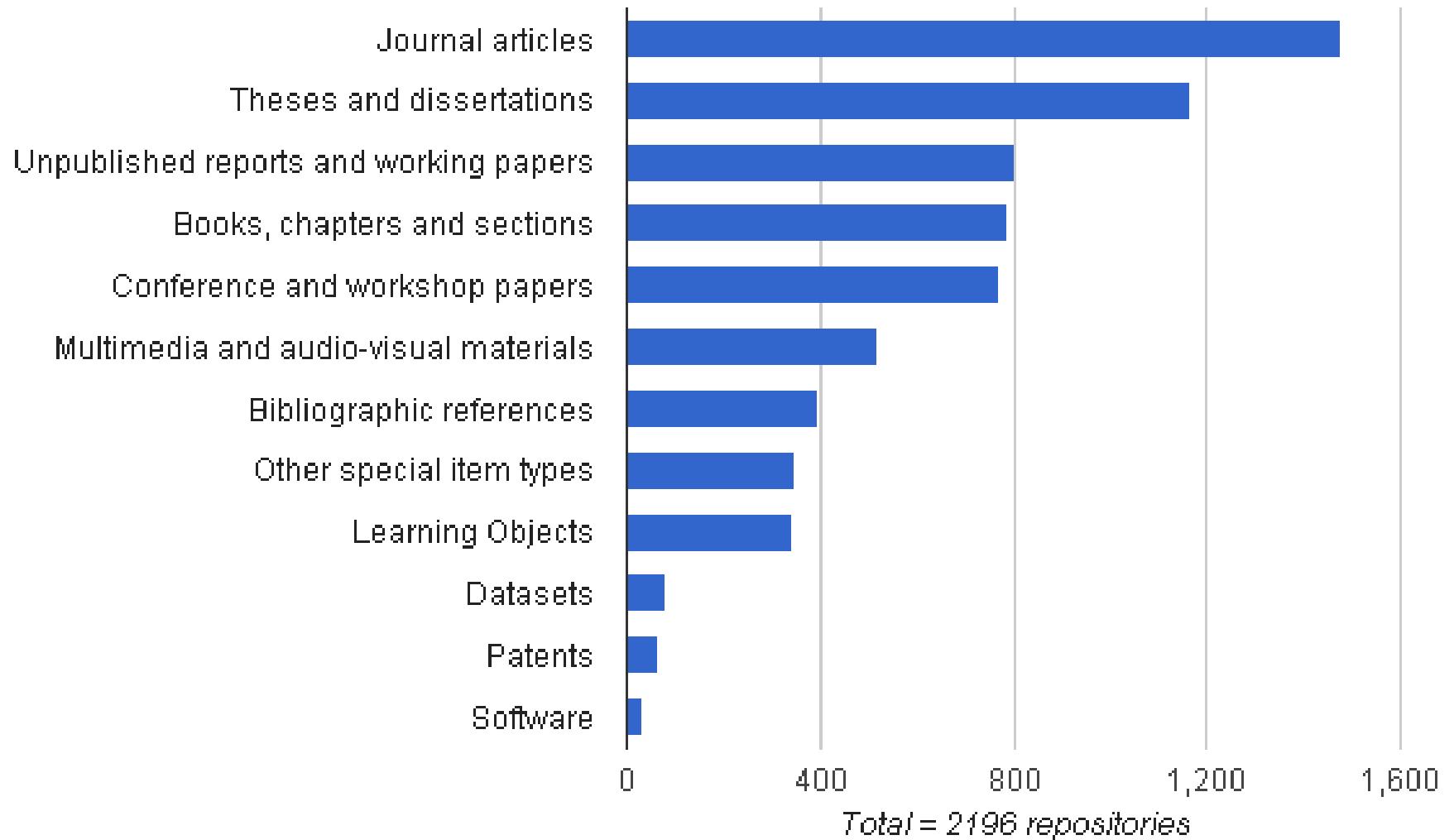


Total = 2196 repositories

OpenDOAR - 01-Sep-2012



Content Types in OpenDOAR Repositories - Worldwide



MALAYSIA

- Rare for research-intensive universities not to have an IR.
- OpenDOAR – lists 18 IRs.
- ROAR – lists 17 IRs.
- RWWR – lists 10 IRs.
- Implemented by research universities.
- Developed and managed by academic libraries.
- E-prints and DSpace the most popular software used.
- Contents - thesis and dissertations, journal articles and conference papers



- **MyAIS** (*Eprints*)
- MyManuskrip (*Greenstone*)
- UM Theses and Dissertation (*DSpace*)
- **UM Research Repository** (*Eprint*)
- LIScholar (LIS Scholarly Resources Repository)
(*IR-Plus*)
- Electronic Journal of University of Malaya
- UM Refereed Journals
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Welcome to UM Research Repository

The **University of Malaya Research Repository** is an open access digital archive containing the details of published and unpublished research work produced by the UM researchers. It has been established to provide a deposit service for the academic staff and researchers. It is an initiative of the [UM Library](#).

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Phan, C.W.; Wong, W.L.; David, P.; Naidu, M.; Sabaratnam, V. (2012) [Pleurotus giganteus \(Berk.\) Karunarathna & K.D. Hyde: nutritional value and in vitro neurite outgrowth activity in rat pheochromocytoma cells](#). *BMC Complementary and Alternative Medicine* (ESSN: 1472-6882).

Anbazhagan, D.; Mansor, M.; Yan, G.O.; Md Yusof, M.Y.; Hassan, H.; Sekaran, S.D. (2012) [Detection of quorum sensing signal molecules and identification of an Autoinducer Synthase Gene among Biofilm forming clinical isolates of acinetobacter spp.](#) *PLoS One*, 7 (7).

Latifi, M.H.; Gantheil, K.; Rukmanikanthan, S.; Mansor, A.; Kamarul, T.; Bilgen, M. (2012) [Correction: Prospects of implant with locking plate in fixation of subtrochanteric fracture: experimental demonstration of its potential benefits on synthetic femur model with supportive hierarchical nonlinear hyperelastic finite element analysis](#). *BioMedical Engineering OnLine* (ESSN: 1475-925X).

Apalasy, Y.D.; Ming, M.F.; Rampal, S.; Bulgiba, A.; Mohamed, Z. (2012) [Genetic association of SNPs in the FTO gene and predisposition to obesity in Malaysian Malays](#). *Brazilian Journal of Medical and Biological Research*. ISSN 0100-879X

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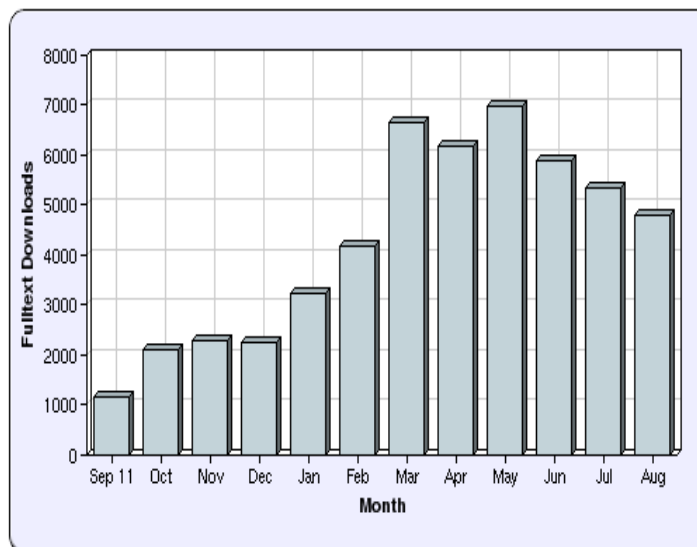
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2739

Azmi, I.A.G. (2005) Keuasan Kerja: Kajian di Kalangan Pensyarah di Akademi Pengajian Islam dan Fakulti Bahasa dan Linguistik Univesrity Malaya. Jurnal Syariah, 13 (2). pp. 112-124. ISSN 0128 - 6730

2673

Dr. Wan Sabri, Wan Hussin (2005) Mengurus perniagaan melalui etika : Satu perspektif pembangunan



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	Assessing Malaysian Students Readiness to Become Authors of Learning Materials in a Collaborative Digital Library of School Projects This study investigates students ICT readiness, usage of online resources and information seeking		7/16/2007	A. Abrizah

ISSUES AND CHALLENGES



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- Collection management and stewardship of collection.
- Understanding of software and giving training to authors.
- Documented policies
- Copyright issues
- Review submission for quality of content
- Persuading authors to contribute with self archiving
- Training users search technique in institutional repository
- Promotion and marketing

CONCLUSION

- IRs - will enhance the visibility of research as well as publications emanating from these research worldwide.
- IRs - excellent avenue for universities to showcase their research findings and publications .
- The Web - wider audience which allows for greater visibility of publications and this has resulted in an increase in the citation counts.
- Hajjem et al. (2005) found out that there is an increase from 50% to 250% in terms of times cited open access publications.
- The library - seen by many as being the most appropriate organisation within a university setting to take the reins of IR.
- Libraries - have always played a vital role in the information cycle and it is a natural progression for the library to manage as well as maintain an IR.
- IRs will become part of continuous initiative of academic libraries to disseminate research output of its parent organisation worldwide.
- Lowering impact barriers.
- Lowering access barriers.

- Crow (2002) - “establishing an institutional repository program indicates that a library seeks to move beyond a custodial role to contribute actively to the evolution of scholarly communication” and that “institutional repository programs promise libraries an extraordinary level of visibility within the university”.
- **JOURNAL PUBLISHERS AND EDITORS** – we require your assistance in allowing authors to archive their publications
- SHERPA/Romeo – Publisher copyright policies and self archiving (www.sherpa.ac.uk/romeo)

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THANK YOU

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