Fez Update

Keith Webster
8 October 2009
What is Fez?

- Fez is a PHP / MySQL content management system for the Fedora repository software. It is developed and extended by the University of Queensland Library.
- Fez available on Sourceforge
Welcome to The University of Queensland's institutional digital repository

Quick Search UQ eSpace

Use Advanced Search to search by multiple criteria.

Did you know that you can customize your UQ eSpace RSS feeds by multiple search criteria?

What is RSS?

Our open repository content is indexed by:

[Logos for OARster, JCU, Google Scholar]
Overview

• Fez as a research management tool
• Fez as a tool for library workflows
• Future evolution
Research management
Research assessment

UK Research Assessment Exercise (1980s)


ERA and Fez

• UQ eSpace data team managing upwards of 50,000 research outputs

• Bulk imports from academic or school Endnote files

• Feeds out to Research Office, Business Objects (data reporting warehouse), UQ Researchers

• Feeds in from ‘ERAdactyl’ and from the HR system for new staff
What ERA has done

• Made the university more aware of the importance of assessment of research performance - quality as well as quantity

• Highlighted issues of name disambiguation

ResearcherID is a global, multi-disciplinary scholarly research community. With a unique identifier assigned to each author in ResearcherID, you can eliminate author misidentification and view an author's citation metrics instantly. Search the registry to find collaborators, review publication lists and explore how research is used around the world.

Learn More: Register | FAQ | About | Training | Interactive Tools: Labs

Benefits For: Researchers | Students | Librarians | Administrators

Search ResearcherID

Search for researchers in our database using one or more of these fields:
[ more options | tips ]

Last / Family Name: [ ] Example: Smith
First / Given Name: [ ] Example: J or James

Search | Clear

Top 20 Keywords
- analytical chemistry
- biodiversity
- bioinformatics
- biomaterials
- cancer
- catalysis
- climate change
- computational biology
- computational chemistry
- data mining
- ecology
- epidemiology
- evolution
- genomics
- machine learning
- mass spectrometry
- nanoparticles
- nanotechnology and nanoscience
- proteomics
- systems biology

[ view more... ]
Thomson Reuters ResearcherID and Fez

- Auto creation of Researcher IDs for Fez authors
- Auto metadata and object import from RID and Thomson Reuters Web of Science
- Important for internal assessment of research “quality” in addition to quantity
<table>
<thead>
<tr>
<th>Name</th>
<th>Institution(s)</th>
<th>Researcher ID</th>
<th>Keywords</th>
<th>Other Names</th>
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<tbody>
<tr>
<td>Gaoping Lu</td>
<td>The University of Queensland</td>
<td>A-2859-2008</td>
<td>nanotechnology and nanoscience, catalysis, adsorption, nanoparticles,</td>
<td>Gao Qing Lu, Gao Qing (Max)</td>
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<td></td>
<td></td>
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<td>mesoporous, nanoporous, membrane, layered double hydroxide, photocatalysis,</td>
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<tr>
<td></td>
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<td>energy, carbon, nanotubes</td>
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<tr>
<td>Guangxian Lu</td>
<td>Institute of Atmospheric Physics, Chinese Academy</td>
<td>C-4036-2009</td>
<td></td>
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<td>of Sciences</td>
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<td>Guobing Lu</td>
<td>University of Bristol</td>
<td>A-8074-2008</td>
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<td>Guoxing Lu</td>
<td>Nanyang Technological University</td>
<td>A-6002-2008</td>
<td>energy absorption, structures, mechanics, impact engineering</td>
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<td>Gregory Lucas</td>
<td>Johns Hopkins University School of Medicine</td>
<td>B-9225-2009</td>
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<td>Giovanni Lucignani</td>
<td>University of Milano; AO San Paolo, Milano</td>
<td>C-6773-2008</td>
<td>imaging, emission tomography, molecular imaging</td>
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<td>Gabriele Ludwig</td>
<td>University of Iowa</td>
<td>A-2745-2008</td>
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<td>Gyorgyi Lukacs</td>
<td>University of Szeged</td>
<td>A-5058-2008</td>
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</table>
Citation Distribution by year

- Total Articles in Publication List: 246
- Articles With Citation Data: 246
- Sum of the Times Cited: 5622
- Average Citations per Article: 22.85
- h-index: 41

Last Updated: 10/08/2009 15:35 GMT
You are viewing the ResearcherID Labs page for Lu, Gaoqing (A-2859-2008)

ResearcherID Badge
The create a ResearcherID badge tool lets visitors to your Web page or blog know that you are a member of ResearcherID.com. The data presented on badge roll-over is dependent on the researcher’s privacy settings. More information.

Step 1. Select a Badge Type.
Select the badge image of your choice. If you are this researcher, you may want to choose the larger badge. If you are a colleague of this researcher, you may want to choose the smaller badge.

Step 2. Click on the "Generate Badge Code" button.
Generate Badge Code

Step 3. Copy the code below.
Copy the code to the clipboard by selecting it (click on the code to select it), right-clicking (Mac control-click), and choose Copy.

Community Forum
v. 0.5
Collaboration Network

The graph below displays (up to) this researcher's top 20 co-authors. Data is presented in descending frequency order.
You are viewing the ResearcherID Labs page for **Lu, Gaoqing (A-2859-2008)**

**Citing Articles Network**

The graph below displays (up to) the top 20 authors that have cited this researcher's publication(s). Data is presented in descending frequency order.

<table>
<thead>
<tr>
<th>Authors</th>
<th>Citing Articles Network for Lu, Gaoqing</th>
</tr>
</thead>
<tbody>
<tr>
<td>LU, GQ</td>
<td>173</td>
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<tr>
<td>CHENG, HM</td>
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<td>ZHU, HY</td>
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<tr>
<td>WANG, SB</td>
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<td>ZHAO, XS</td>
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<td>DA COSTA, JCD</td>
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<td>LI, F</td>
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<td>HAO, ZP</td>
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<td>LIU, Y</td>
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<tr>
<td>PANDURANGAN, A</td>
<td>20</td>
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RID signup

Hello, Christiaan. Please read this important message.
We have filled in some of the fields using information an administrator at The University of Queensland provided. If your password is editable, then it is a temporary password assigned to you - please change it below. After registering, you will be able to login and change your email or password using the Manage Profile option.

First / Given Name: Christiaan
Last / Family Name: Kortekaas
Middle Initials: 
E-mail Address: uqckorte@uq.edu.au

Institution: The University of Queensland
Sub-organization / Department: Library Technology Service
Address Line 1: St Lucia
City: Brisbane
### RID auto creation auto population in Fez

#### Manage Authors

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title</td>
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</tr>
<tr>
<td>First Name: *</td>
<td>Christiaan</td>
</tr>
<tr>
<td>Middle Name:</td>
<td>Gerard</td>
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<tr>
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<td>Kortekaas</td>
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<tr>
<td>Display Name:</td>
<td>Kortekaas, Christiaan</td>
</tr>
<tr>
<td>Organisation Staff ID:</td>
<td>0037817</td>
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<tr>
<td>Author Reference Number:</td>
<td></td>
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<tr>
<td>Organisation Staff Username:</td>
<td>uqckorte</td>
</tr>
<tr>
<td>Position:</td>
<td>Programmer</td>
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<td>CV Link:</td>
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<td>Homepage Link:</td>
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<td>Researcher ID (Thomson):</td>
<td>C-5368-2009</td>
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<td>Scopus ID:</td>
<td>4321</td>
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<td>My Pubs URL extension:</td>
<td>kornaafdff</td>
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</tbody>
</table>

[Update Author] [Reset]


ResearcherID Citation Count History for Stable suspension of layered double hydroxide nanoparticles in aqueous solution
Thomson WoS integration

• Create metadata from searches Fez for existing / duplicate of new record
• Also searches Web of Science and can auto import metadata if match found (demo)
• Auto assigns Fez Author ID to distinct author name on publications
Synthesis and stereochemistry of insect derived spiroacetals with branched carbon skeletons

Matching records found in ISI Web of Science®

1. Synthesis and stereochemistry of insect derived spiroacetals with branched carbon skeletons
   Author(s): Tu YQ, Hubener A, Zhang HS, Moore CJ, Fletcher MT, Hayes P, Dettner K, Francke W, McErlean CSP, Kitching W
   Source: SYNTHESIS-STUTTGART Issue: 13 Pages: 1956-1978 Published: 2000-11
My Pubs

• UQ username alias, choosable alias, like Facebook and Twitter, shows Thomson Researcher ID badge

• http://espace.library.uq.edu.au/e2hchans
Publications by Chanson, Hubert

### Browse Results (520 results found)

Display results: Default

#### Refine

**Author**
- Chanson, Hubert (404)
- Chanson, H. (92)
- Gonzalez, Carlos A. (20)
- Toombes, Luke (19)
- Aoki, Shin-ichi (14)

**Author ID**
- 193 (512)
- 18068 (27)
- 8578 (23)
- 10977 (14)

**Keywords**
- air entrainment (57)
- physical modelling (54)
- Turbulence (31)
- air bubble entrainment (31)
- stepped spillways (29)

#### Books (12)

<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
<th>ISBN</th>
<th>Publisher</th>
<th>Year</th>
</tr>
</thead>
</table>
Publications by Chanson, Hubert

Browse Results (520 results found)

Display results Default

Refine

Author
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Books (12)


Selected Publication List:
1. CHARACTERISTICS OF UNDULAR HYDRAULIC JUMPS - EXPERIMENTAL APPARATUS AND FLOW PATTERNS
2. COMPARISON OF ENERGY-DISSIPATION BETWEEN NAPPE AND SKIMMING FLOW REGIMES ON STEPPED CHUTES
3. Air entrainment in the developing flow region of plunging jets .2. Experimental

Go to ResearcherID.com to view more information
Workflows
KIRTAS workflow

- Fez server samba share mounted onto KIRTAS operating PC
- KIRTAS creates subdirectories containing PDF, MODS xml from barcode library catalog lookup/scan
- Fez imports objects from subdirs, automatically creates object metadata from MODS xml
iTunes U

- Lectopia recorded lectures and seminars
- Converted into H264 video mp4, Matroska video object, audio FLAC/AAC/MP3
- Storing archival format in Fez, iTunes versions in dedicated server
Theses

→ Thesis Submission

Candidates must upload an electronic copy of the thesis to eSpace at up to four stages of the assessment process:

1. An electronic file of the thesis in PDF format must be uploaded to eSpace to initiate the assessment process.
2. An electronic file of the fully corrected thesis in PDF format must be uploaded to eSpace when the candidate has made the corrections as advised by the Graduate School.
3. An electronic file of the thesis in PDF format must be uploaded to eSpace when a candidate is resubmitting the thesis for assessment: that is, when the Dean’s decision on the thesis was that the candidate must revise and resubmit the thesis.
4. An electronic file of the fully corrected and final thesis in PDF format must be uploaded to eSpace for lodgement in the UQ Library to initiate the award process.

Note: your thesis must use the approved UQ order and format of contents. If it does not, it will not be accepted as ready for assessment or for lodgement in the UQ library.
Other stuff
• Great for Image & Video collection dissemination

• Now integrated into Fez: http://is.gd/3fY5y
Google Maps download
statistics visualisation
New storage solution
New storage solution

- SUN Storage Tek 6140
- ~43 TB of storage (give or take a Terabyte)
- SAMFS & ZFS
- Multipurpose, including UQ eSpace
Fez community

- Deakin, Charles Darwin, RMIT, Catalyst
- Catalyst (large open source support business) assisting another anonymous Australian university migrate from VTLS Vital with help of CAIRSS
- UQ ‘Fez Partner’ program - including priority support
- Fez 2.2 with Fedora 3.x API support
Multisites, one Fez

• Communities can have their own URL, own front page, own branding, own search interface, own default list view, own OAI-PMH feed

• Digilib Image collection:
  • http://digilib.library.uq.edu.au
Future developments

- Support for COINS/OpenURL for better Zotero citation software support
- Addition of ERA/HERDC forms and SQL tables for additional metadata that really doesn’t belong in the object itself. Will be stored much like current HERDC author affiliation data in SQL tables. Allowing direct ad-hoc reports and backend bulk changes to this data by RRTD (research office).
Copyright workflows

- Planning revision of how copyright management workflow is carried out through the system
- Switch to plain English (eliminating ‘legalese’)
- Short sentence 3 point max statements, utilising creative commons where possible
Coming attractions

• Upgrade of Solr search engine to version 1.4 for better performance/efficiency, especially with search faceting.

• Integrating new SWF Uploader (flash based) to provide uploads for large files and show a progress bar.

• OAKLaw/OAKList (QUT) & Sherpa/Romeo (UK) integration for data entry/update form direct visibility of publisher copyright agreements.
Data management

- See next presentation on ANDS
- We store small data sets
- We will be metadata/access point for all datasets at UQ, irrespective of storage location
The development team