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 OCLC, ARROW, and Google Scholar]

Daily Snapshot

- Search Faceting enabled
- Change to download statistics algorithms
- Field of Research Codes
- New search engine
- Get your EndNote Library into UQ eSpace

RSS | More...
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 ]

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>
</tr>
</thead>
<tbody>
<tr>
<td>Gaoging 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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<tr>
<td></td>
<td></td>
<td></td>
<td>mesoporous, nanoporous, membrane, layered double hydroxide,</td>
<td>Lu, G.Q. Max Lu, Max G.Q. Lu</td>
</tr>
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<td></td>
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<td></td>
<td>photocatalysis, energy, carbon, nanotubes</td>
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<tr>
<td>Guangxian Lu</td>
<td>Institute of Atmospheric Physics,</td>
<td>C-4036-2009</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Chinese Academy of Sciences</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Guobing Lu</td>
<td>University of Bristol</td>
<td>A-6074-2008</td>
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<tr>
<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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<tr>
<td>Gregory Lucas</td>
<td>Johns Hopkins University School of</td>
<td>B-9225-2009</td>
<td></td>
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<tr>
<td></td>
<td>Medicine</td>
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<td></td>
<td></td>
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<tr>
<td>Giovanni</td>
<td>University of Milano ; AO San Paolo,</td>
<td>C-6773-2008</td>
<td>imaging, emission tomography, molecular imaging</td>
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<td>Lucignani</td>
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<td>Gabriele</td>
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<td>A-2745-2008</td>
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<td>Ludewig</td>
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<td>Gyorgyi</td>
<td>University of Szeged</td>
<td>A-5058-2008</td>
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<tr>
<td>Lukacs</td>
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</tr>
</tbody>
</table>
Lu, Gaoqing

ResearcherID: A-2859-2008

Other Names: Gao Qing Lu; Gao Qing (Max) Lu; G.Q. Max Lu; Max G.Q. Lu

URL: http://www.researcherid.com/rid/A-2859-2008

Subject: Chemistry; Electrochemistry; Energy & Fuels; Engineering; Materials Science

Role: Faculty

Keywords: nanotechnology and nanoscience; catalysis; adsorption; nanoparticles; mesoporous; nanoporous; membrane; layered double hydroxide; photocatalysis; energy; carbon; nanotubes

My Institutions (more details)

Primary Institution: The University of Queensland
Sub-org/Dept: ARC Centre of Excellence for Functional Nanomaterials; School of Engineering; Australian Institute for Bioengineering and Nanotechnology
Role: Faculty

Past Institutions: Nanyang Technological University

Publications

My Publications (246)

View Publications ▶
Citation Metrics

Publication List: View

246 publication(s)

<table>
<thead>
<tr>
<th>#</th>
<th>Title</th>
<th>Author(s)</th>
<th>Source</th>
<th>Times Cited</th>
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<tr>
<td>1</td>
<td>Comprehensive study of surface chemistry of MCM-41 using Si-29 CP/MAS NMR, FTIR, pyridine-TPD, and TGA</td>
<td>ZHAO, XS; LU, GQ; WHITTAKER, AK; et al.</td>
<td>JOURNAL OF PHYSICAL CHEMISTRY B Volume: 101 Issue: 33 Pages: 6525-6531 Published: AUG 14 1997</td>
<td>325</td>
<td>19-Jan-08</td>
</tr>
<tr>
<td>2</td>
<td>Advances in mesoporous molecular sieve MCM-41</td>
<td>ZHAO, XS; LU, GQ; MILLAR, GJ</td>
<td>INDUSTRIAL &amp; ENGINEERING CHEMISTRY RESEARCH Volume: 35 Issue: 7 Pages: 2075-2090 Published: JUL 1996</td>
<td>287</td>
<td>19-Jan-08</td>
</tr>
<tr>
<td>3</td>
<td>Modification of MCM-41 by surface silylation with trimethylchlorosilane and adsorption study</td>
<td>ZHAO, XS; LU, GQ</td>
<td>JOURNAL OF PHYSICAL CHEMISTRY B Volume: 102 Issue: 9 Pages: 1556-1561 Published: FEB 26 1998</td>
<td>226</td>
<td>19-Jan-08</td>
</tr>
<tr>
<td>4</td>
<td>Role of the crystallite phase of TiO2 in heterogeneous photocatalysis for phenol oxidation in water</td>
<td>DING, Z; LU, GQ; GREENFIELD, PF</td>
<td>JOURNAL OF PHYSICAL CHEMISTRY B Volume: 104 Issue: 19 Pages: 4815-4820 Published: MAY 18 2000</td>
<td></td>
<td>19-Jan-08</td>
</tr>
</tbody>
</table>
You are viewing the ResearcherID Labs page for Lu, Gaoqing (A-2859-2008)

**ResearcherID Badge**

Easily create a badge for Gaoqing Lu to advertise his/her ResearcherID profile on your Web page or Blog.

**Collaboration Network**

Visually explore who Gaoqing Lu is collaborating with.

**Citing Articles Network**

Visually explore the papers that have cited Gaoqing Lu.

---

**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.
You are viewing the ResearcherID Labs page for Lu, Gaoqing (A-2859-2008)

Collaboration Network
The graph below displays (up to) this researcher's top 20 co-authors. Data is presented in descending frequency order.

<table>
<thead>
<tr>
<th>Authors</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>LU, GQ</td>
<td>223</td>
</tr>
<tr>
<td>CHENG, HM</td>
<td>31</td>
</tr>
<tr>
<td>ZHU, HY</td>
<td>27</td>
</tr>
<tr>
<td>ZHU, ZH</td>
<td>27</td>
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<tr>
<td>DA COSTA, JCD</td>
<td>25</td>
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<tr>
<td>YAN, ZF</td>
<td>22</td>
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<td>ZHAO, XS</td>
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<tr>
<td>LU, GQM</td>
<td>19</td>
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<tr>
<td>WANG, SB</td>
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<tr>
<td>LI, F</td>
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<tr>
<td>DU, AJ</td>
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<td>RUDOLPH, V</td>
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<tr>
<td>SMITH, SC</td>
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</tbody>
</table>
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>Citations</th>
</tr>
</thead>
<tbody>
<tr>
<td>LU, GQ</td>
<td>173</td>
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<tr>
<td>CHENG, HM</td>
<td>40</td>
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<td>YAN, ZF</td>
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<td>DA COSTA, JCD</td>
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<td>ZHU, ZH</td>
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<td>LI, F</td>
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<tr>
<td>HAO, ZP</td>
<td>21</td>
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<tr>
<td>HU, XJ</td>
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<tr>
<td>LIU, Y</td>
<td>21</td>
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<td>PANDURANGAN, A</td>
<td>20</td>
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</table>
RID auto creation auto auto
population in Fez

<table>
<thead>
<tr>
<th>Manage Authors</th>
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</thead>
<tbody>
<tr>
<td>Title:</td>
</tr>
<tr>
<td>First Name: *</td>
</tr>
<tr>
<td>Middle Name:</td>
</tr>
<tr>
<td>Last Name: *</td>
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<td>Author Reference Number:</td>
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<td>Homepage Link:</td>
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<tr>
<td>Researcher ID (Thomson):</td>
</tr>
<tr>
<td>Scopus ID:</td>
</tr>
<tr>
<td>My Pubs URL extension:</td>
</tr>
<tr>
<td>Authors</td>
</tr>
<tr>
<td>---------</td>
</tr>
<tr>
<td>Zhu Z H and Lu G Q</td>
</tr>
</tbody>
</table>
ReseacherID Citation Count History for Stable suspension of layered double hydroxide nanoparticles in aqueous solution
Thomson WoS integration

- Create metadata form 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, McErlane 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)

Books (12)


Publications by Chanson, Hubert

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Refine

Author
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- 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)


Selected Publication List:
1. CHARACTERISTICS OF UNDULAR HYDRAULIC JUMPS - EXPERIMENTAL APPARATUS AND FLOW PATTERNS
   Times Cited: 31 (Web of Science®)
2. COMPARISON OF ENERGY-DISSIPATION BETWEEN NAPPE AND SKIMMING FLOW REGIMES ON STEPPED CHUTES
   Times Cited: 27 (Web of Science®)
3. Air entrainment in the developing flow region of plunging jets .2. Experimental
   Times Cited: 26 (Web of Science®)

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](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
k.webster@library.uq.edu.au

Keith Webster

uqkeithw

http://dev-repo.library.uq.edu.au/wiki