Full Text Linking at Loughborough University Library – a User Perspective

Chris Bigger

Academic Services Manager

(Engineering)

Introduction

- ❏ Brief history of current systems
- ❏ How it looks to the user
  - ○ A tour of OPAC, Metalib and SFX
  - ○ Some databases
- ❏ Issues and concerns

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History

- Aleph installed in 2001 – OPAC
- Metalib launched in Summer 2002
  - 600% increase in use of some databases
- SFX shortly afterwards

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Today – 180 databases and c6500 e-journals

- Wish to make as much as possible electronic with seamless links
- This fits with user demands and web culture
- But dangers if print ignored – could just scratch the surface – poor research

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Library OPAC

☐ OPAC gives details for all library stock and also links to e-journals

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Loughborough University Library Catalogue

| Log-in | Reset | Catalogues (e.g. Serials) | Feedback | Preferences | Help | Reading Lists |
| Browse | Search | Results List | Previous Searches | My library record | Basket |

Serials - Search

Field to search	Type word or phrase	Words adjacent?	No. of records
Author ▼		⊙ No ○ Yes	
Title ▼		⊙ No ○ Yes	
Keyword ▼	applied ergonomics	⊙ No ○ Yes	2

Click Total number of docs to view records.   Total:

[Go] [Clear]

Limit search to:

| Language: | all ▼ | Year: | | yyyy (Use ? for truncation) |
| Format: | all ▼ | | | |

Search hints:

● Fill in as much as you'd like. Using more than one line will narrow the search. If you choose Yes for "Words adjacent" you can type in the phrase *computer programming* and the system will understand that you want only records that have the word *computer* NEXT to the word *programming*.

● Lower-case letters will find matches of capitalized words also. For example, *computer* will find matches for *computer*, *Computer* and *COMPUTER*.

● You may use the Boolean operators AND and OR in your search string. For example, you could type *(heart OR cardiac) AND surgery* to retrieve all records having *heart* or *cardiac* in them, together with the word *surgery*.

● The system supports synonyms, so you may search - for example - for the word *labor*. The results list will include records that have the word *labor* and the word *labour*.

● Use the ? character to find matches that contain portions of words. For example, *gun?* will retrieve *gun, guns, gunners, gunnery, gunning*, etc. In another example, *?olog* will retrieve *anthropology, archaeology, psychology*, etc. The ? character may also be used to find variant spellings. For example, *alumi?m* will find both the American spelling, *aluminum*, and the British spelling, *aluminium*.

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Full View of Record

Choose format: Standard format   Citation   MARC tags

Record 2 out of 2

◀ Previous Record   Next Record ▶

ISBN/ISSN	●S0000867LB
Title	●**Applied ergonomics** [computer file].
Imprint	●Elsevier Science.
Note	ATHENS username and password required for off campus access.
Location	#ⓘ
External	●http://www.sciencedirect.com/science/journal/00036870 ;
Link	Available in other form: Print

◀ Previous Record   Next Record ▶

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Metalib

- Metalib provides a one stop shop for all our databases, internet resources and CDROMS
- Resources arranged by Department
- Cross searching of some databases
- Links to all remote databases
- User can customise their own lists
- E-journal listings soon

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MetaLib

POWERED MetaLib

LOG OFF | VIEW E-SHELF | MY ACCOUNT | HELP

HOME | SEARCH | SEARCH HITS | RESULT LIST | SAVED SEARCHES

C.J.Bigger

⭐ Trials & recent additions

RESOURCE CATEGORIES

Select Category

Go

RESOURCE LOCATOR

Resource Name

Any Word

Go

RESOURCE BROWSER

Go

MetaLib Search

Field to search [All Fields ▼]   Type word or phrase [groundwater? or borehole?]

◉ And ○ Or ○ Not

Field to search [All Fields ▼]   Type word or phrase [qualit?]

[Search] or [Clear]

MY SPACE

My Resource List

My e-Shelf
My Account
My Saved Searches
My Alerts

All Resources	Search Resources	Link to Resources

Civil & Building Engineering resources
Please check the boxes (ie ☑) against the databases you wish to search

	Resource Name	Type
ℹ ➕ ➡	ABI Research (ProQuest) O F	Database
☐ ℹ ➕ ➡	Aluminium Industry Abs (CSA) A	Database
☑ ℹ ✔ ➡	ANTE (CSA) A	Database
☑ ℹ ✔ ➡	Aqualine (CSA) A	Database
ℹ ➕	Architectural Publication Ind	PrintAbstractIndex
☑ ℹ ✔ ➡	ArticleFirst (OCLC) O	Database
☐ ℹ ✔ ➡	ASSIA (CSA)	Database
ℹ ✔ ➡	BAILII	Database
ℹ ✔ ➡	British Standards (TI) A	Database
ℹ ➕	Cambridge Engineering Selec CD C	NetworkedCD-ROM
ℹ ✔ ➡	Civil Engineering Database	Database
ℹ ➕ ➡	Compendex (EV2) A	Database
☑ ℹ ✔ ➡	Computer + Info Systems (CSA) A	Database

PAGE GUIDE

ℹ Information about the resource
➕ Add Resource to My Resource List
✔ Resource is already My Resource List
➡ Link to resource
F Resource has Full Text
A Resource requires Athens password
P Resource requires (non-Athens) password
O Resource only requires password if accessed from off campu
C Resource can only b accessed on campus
R Resource requires users to register first

SFX

- SFX gives links to library catalogue and full text, from Metalib and many other databases
- Helps with the catalogue search – not an indication that we hold the item

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()MetaLib

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View Selected Records | Save Records | Send Records | Add to e-Shelf | Refine Search | Merge

Any word=(groundwater? or borehole?) AND Any word=(qualit?)

Records 1- 10 of 8057   Jump to: [   ] Go ◀ ▶

| ANTE (CSA) | Aqualine (CSA) | ArticleFirst (OCLC) | Computer + Info Systems (CSA) |

1 ☐ **Study on anisotropy of effective diffusion coefficient and activation energy for deuterated water in compacted sodium bentonite**
Suzuki, S
Journal of Contaminant Hydrology [J. Contam. Hydrol.]. Vol. 68, no. 1-2, pp. 23-37. Jan 2004.
Aqualine (CSA)

[MORE] [S·F·X]

2 ☐ **Extensions to minimum relative entropy inversion for noisy data**
Ulrych, TJ
Journal of Contaminant Hydrology [J. Contam. Hydrol.]. Vol. 67, no. 1-4, pp. 13-25. Dec 2003.
Aqualine (CSA)

[MORE] [S·F·X]

3 ☐ **Removal of DNAPL contamination from the saturated zone by the combined effect of vertical upward flushing and density reduction**
Hofstee, C
Journal of Contaminant Hydrology [J. Contam. Hydrol.]. Vol. 67, no. 1-4, pp. 61-78. Dec 2003.
Aqualine (CSA)

[MORE] [S·F·X]

4 ☐ **Tracer diffusion from a horizontal fracture into the surrounding matrix: measurement by computed tomography**
Polak, A
Journal of Contaminant Hydrology [J. Contam. Hydrol.]. Vol. 67, no. 1-4, pp. 95-112. Dec 2003.
Aqualine (CSA)

[MORE] [S·F·X]

5 ☐ **Entrapment and dissolution of DNAPLs in heterogeneous porous media**
Bradford, SA
Journal of Contaminant Hydrology [J. Contam. Hydrol.]. Vol. 67, no. 1-4, pp. 133-157. Dec 2003.
Aqualine (CSA)

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VIEW E-SHELF | MY ACCOUNT | HELP

ESULT LIST | SAVED SEARCHES

university library

SFX Services for this record

Title Study on anisotropy of effective diffusion coefficient and activation energy for deuterated water in compacted sodium bentonite

Source Journal of contaminant hydrology [0169-7722] Suzuki yr: 2004 vol: 68 iss: 1-2 pg: 23

Refine Search | Merge

Full text available via **Elsevier ScienceDirect**

year: 2004   volume: 68   issue: 1-2   start page: 23

ATHENS username and password required for off-campus access

Holdings in **Loughborough University Library Catalogue**

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Any word=((groundwater?

Records 1- 10 of 8057

Jump to: [ ] Go ◀ ▶

ANTE (CSA)

omputer + Info Systems (CSA)

1 ☐ **Study on aniso**
Suzuki, S
Journal of Conta
Aqualine (CSA)
MORE ⊙S·

uterated water in compacted sodium bentonite

04.

2 ☐ **Extensions to**
Ulrych, TJ
Journal of Conta
Aqualine (CSA)
MORE ⊙S·

03.

3 ☐ **Removal of DN**
Hofstee, C
Journal of Conta
Aqualine (CSA)
MORE ⊙S·

of vertical upward flushing and density reduction

03.

4 ☐ **Tracer diffusio**
Polak, A
Journal of Conta
Aqualine (CSA)
MORE ⊙S·F·X

ent by computed tomography

003.

5 ☐ **Entrapment and dissolution of DNAPLs in heterogeneous porous media**

Done   Local intranet

Live Databases

- All Databases can be accessed directly from within Metalib.
- Used for those that are not cross searchable and for access to advanced features
- SFX and other full text links work in some databases

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Internet Database Service

News | Hot Topics | Support

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New Hot Topic: Franz Marc

Search Results

Change Subject Area   Change Database   Help

Subject Area: Alphabetical List
Results from:

ⓘ **Electronics and Communications Abstracts**

⬇114

Remove Duplicates

Records

Save/Print/Email Records | View Marked Records | Save Search/Alert | Save to RefWorks | ?

☐ 1 of 114   View Record   Ⓢ S·F·X
TI: Hybrid **analysis** of reflector **antennas** including higher order interactions and blockage effects
AU: Han, D H; Polycarpou, A C; Balanis, C A
SO: IEEE Transactions on **Antennas** and Propagation. Vol. 50, no. 11, pp. 1514-1524. Nov. 2002

☐ 2 of 114   View Record   Ⓢ S·F·X
TI: Wide-scan spherical-lens **antennas** for automotive radars
AU: Schoenlinner, B; Wu, X; Ebling, J P; Eleftheriades, G V; Rebeiz, G M
SO: IEEE Transactions on Microwave Theory and Techniques. Vol. 50, no. 9, pp. 2166-2175. Sept. 2002

☐ 3 of 114   View Record   Ⓢ S·F·X
TI: Bandwidth and radiation effects of symmetry breaking in stacked patches
AU: Rajo-Iglesias, E; Vazquez-Roy, J L; Segovia-Vargas, D; Gonzalez-Posadas, V; Martin-Pascual, C
SO: Applied Microwave and Wireless. Vol. 14, no. 7, pp. 58+60-63. July 2002

☐ 4 of 114   View Record   Ⓢ S·F·X
TI: Accurate **analysis** of H-shaped **antenna** coupled to microstrip feed-line
AU: Pierantoni, L; Farina, M; Rozzi, T
SO: Electronics Letters. Vol. 38, no. 14, pp. 676-677. 4 July 2002

☐ 5 of 114   View Record   Ⓢ S·F·X
TI: Computer optimised wideband dual-mode horn
AU: Tun, S M; Foster, P R
SO: Electronics Letters. Vol. 38, no. 15, pp. 768-769. 18 July 2002

☐ 6 of 114   View Record   Ⓢ S·F·X
TI: W-CDMA coverage and capacity **analysis** for active and passive distributed **antenna** systems
AU: Schuh, R E; Sommer, M
SO: Conference Record of the Annual Conference - IEEE Vehicular Technology Conference. Vol. 1, pp. 434-438. 2002

☐ 7 of 114   View Record   Ⓢ S·F·X
TI: Radiation from ground-plane photonic bandgap microstrip waveguides

Search Results

Change Subject Area | Change Database | Help

Edit here and Search Again

```
KW=antenna* and
KW=feeder* and
KW=analy*
```

ℹ eg: conserv*   **Search**

ℹ Limit To

☐ Latest Update
☐ Journal Articles Only
☐ English Only

From Earliest ▼ to 2004 ▼

Sort by publication date ▼

Show citation ▼

Search Again

Return to Advanced Search

Quick Search

Browse Indexes

Thesaurus Search

Search History/Alerts

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alta vista:

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university **library**

🌀 **SFX Services for this record**

Title   Hybrid analysis of reflector antennas including higher order interactions and blockage effects

Source IEEE transactions on antennas and propagation [0018-926X]
Han
yr: 2002 vol: 50 iss: 11 pg: 1514

🌀▶ Full text available via **IEEE**

year: 2002   volume: 50   issue: 11   start page: 1514

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🌀▶ Holdings in **Loughborough University Library Catalogue**

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⬇114

Remove Duplicates

...arch/Alert   Save to ⓡRefWorks   ?

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...tions and blockage effects

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pp. 1514-1524. Nov. 2002

🌀 S·F·X

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no. 9, pp. 2166-2175. Sept. 2002

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☐ 5 of 114   View Record   🌀 S·F·X

TI: Computer optimised wideband dual-mode horn
AU: Tun, S M; Foster, P R
SO: Electronics Letters. Vol. 38, no. 15, pp. 768-769. 18 July 2002

☐ 6 of 114   View Record   🌀 S·F·X

TI: W-CDMA coverage and capacity **analysis** for active and passive distributed **antenna** systems

Abstract / Links | Detailed Record / Links | Full-text | E-mail | Print | Download | Save to Folder

Record 1 from Compendex for:((llamas) WN All fields), 1990-2004

Check record to add to Selected Records

☐ 1.

Accession number:	98034114057
Title:	Influence of llamas, horses, and hikers on soil erosion from established recreation trails in western Montana, USA
Authors:	Deluca, T.H.; Patterson, W.A. IV; Freimund, W.A.; Cole, D.N.
First author affiliation:	Univ of Montana, Missoula, MT, USA
Serial title:	Environmental Management
Abbreviated serial title:	Environ Manage
Volume:	v 22
Issue:	n 2
Issue date:	Mar-Apr
Publication year:	1998
Pages:	p 255-262
Language:	English
ISSN:	0364-152X
CODEN:	EMNGDC
Document type:	Journal article (JA)
Publisher:	Springer-Verlag New York, Secaucus, NJ, USA

Abstract: Recreational traffic is one of the many factors that contribute to the degradation of hiking trails. To obtain information that can be used to prevent the degradation of such trails, an experiment was carried out wherein the relative physical impact of hikers, llamas, and horses on recreational trails was evaluated. The results of the experiment are discussed.

Ei main heading:	Erosion
Ei controlled terms:	Soil conservation | Soil mechanics | Sediments
Uncontrolled terms:	Hiking trails | Recreational traffic | Soil bulk density
Ei classification codes:	483 Soil Mechanics and Foundations | 483.1 Soils & Soil Mechanics
Treatment:	Experimental (EXP)
Database:	Compendex

EBSCO HOST Research Databases

New Search | View Folder | Preferences | Help | Exit

Basic Search | Advanced Search | Choose Databases

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Keyword | Publications | Classification Codes | Thesaurus | Authors | Indexes

◀ 1 of 10368 ▶ Result List | Refine Search 🖶 Print ✉ E-mail 💾 Save 📁 Add to folder

📁 Folder is empty.

Formats: 📑 Citation

Title:	**Investigation of CVD Processes to perform dense alpha -alumina coating on Superalloys**
Author(s):	Bahlawane, N.; Blittersdorf, S.; Kohse-Hoinghaus, K.; Atakan, B.; Muller, J.
Author's Affiliation:	Univ. Bielefeld, Germany
Source:	Journal of the Electrochemical Society, vol.151, no.3, March 2004. p. C182-6. ISSN: 00134651 **CODEN:** JESOAN **SICI:** 0013-4651(200403)151:3L.c182:IPPD;1-7 **Publisher:** Electrochem. Soc **Place of Publication:** USA
Language:	English
Digital Object Identifier:	http://dx.doi.org/10.1149/1.1644604

Abstract: Coated nickel-based superalloys are widely used as superior material systems in **gas turbines**, where the overlay coatings help withstand hot corrosion and serve as bond coats for the thermal barrier layer. However, interdiffusion may limit the coatings' lifetime, a potential remedy being a diffusion barrier layer. In this context, the chemical vapor deposition (CVD) process was investigated to deposit alpha -Al_2O_3 on superalloy substrates. Deposited films using an $AlCl_3/CO_2/H_2$ **gas** mixture at low and atmospheric pressure were characterized. Difficulties including whisker growth at low pressure and the growth of noncompact large crystals at atmospheric pressure are discussed jointly with strategies for suppressing them. In addition, the potential of alternative precursors to produce alpha -Al_2O_3 films was investigated using aluminum tri-isopropoxide in an adequate reactor geometry. Abstract Number(s): A2004-06-8115H-061; B2004-03-0520F-140

Inspec Heading(s):	alumina; chemical interdiffusion; chemical vapour deposition; corrosion protective coatings; diffusion barriers; nickel alloys; reaction kinetics; superalloys; thin films
Key Phrase Heading(s):	CVD processes; alumina coating; coated nickel based superalloys; gas turbines; hot corrosion; bond coats; thermal barrier layer.; interdiffusion; coatings' lifetime; potential remedy; diffusion barrier layer; chemical vapor deposition; $AlCl_3 /CO_2//H_2$ gas mixture; whisker growth; noncompact large crystals; aluminum tri-isopropoxide; reactor geometry; Al_2O_3 coating; Al_2O_3; $AlCl_3-CO_2-H_2$
Classification:	A8115H Chemical vapour deposition A6855 Thin film growth, structure, and epitaxy A6630N Chemical interdiffusion in solids A8160B Surface treatment and degradation of metals and alloys B0520F Chemical vapour deposition
Treatment:	Experimental

Information Skills Training

□ All students, staff and researchers have access to the full collection of databases and e-journals, on, or off-campus.

□ We need to show users how to think about their search, put a strategy together, carry out the search, on different interfaces, review results, re-run, set up CA, use PBS……….

□ There is limited time!

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Information Skills Training

☐ Variety of routes:

- Formal demonstrations
- Lectures
- Hands on
- Information desks - enquiries
- One-to-one sessions

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Issues

❑ Excellent progress.

❑ Life getting easier all the time – many more links to full text every day.

❑ Must keep pushing though as users demand more, simple linking

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Issues - Users

- Users sometimes do not understand why there are multiple databases which give access to a variety of journals.
- Many different players.
- Often not seamless – need for multiple searches
- We need to sort it out or users will go away or carry out poor searches

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Issues

- With many suppliers promoting their interfaces and linking routes, the user organisation can be invisible to the user
- With any linking technologies is there a chance that the user organisation can get it's brand or image visible too?

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Issues

- Please can we have simple routes to full text with consistent terminology.
- Out with jargon
- Avoid the need to explain mechanics of multiple full text systems
- To give more precious time so we can concentrate on – the search strategy, the search interface, advanced searching…..

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