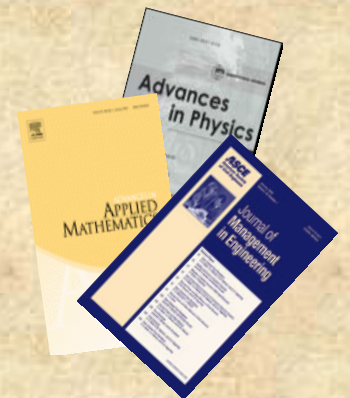


E-JOURNALS

A Guide to Using the UTK Electronic Journal Collection

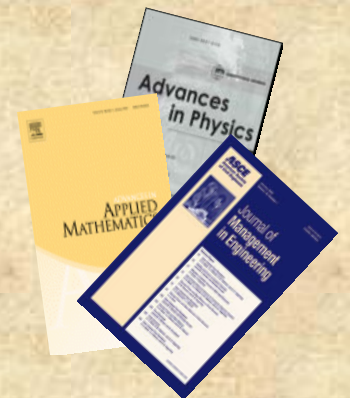
<http://www.lib.utk.edu/databases/>

Emily S. Moore, Librarian
Helen & Arthur Mason Library
UTSI
01/21/09



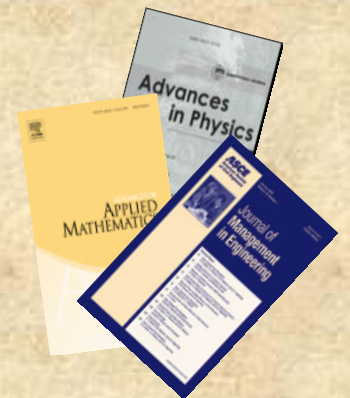
WHAT WE WILL COVER TODAY:

- A Short History of Electronic Journals
- Why We Are Here
- The Kinds of E-Journals UTK Has
- Searching for What You Need When You Know Exactly What You Want
- Using a Database to Find What You Need



HISTORY OF E-JOURNALS

- Idea conceived in 1973
- Experiments in the early 1980s
- A reality in the late 1980s
- True e-journals in the 1990s



ADVANTAGES

- Accessibility
- Subscription Costs
- Multimedia capabilities
- Internal and external links



DISADVANTAGES

- Technological Barriers
- Sociocultural Barriers
- Economic Barriers

Information obtained from:

Chan, Liza. "Electronic journals and academic libraries." Library Hi-Tech 17.1 (Wntr 1999): 10(7).



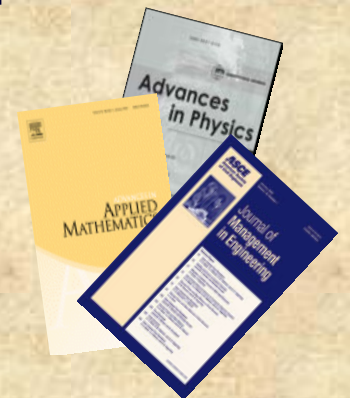
THE REASONS WE ARE HERE

- With UTSI facing budget cuts and the resolution to cut spending, cutting paper print was an obvious solution.
- The Library doesn't have the space for more paper print journals.



THE REASONS WE ARE HERE (cont.)

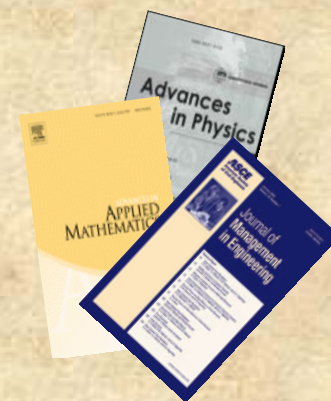
- Duplication of our paper journals and UTK's electronic journals involve redundant spending. Why pay for something we already have?
- Times have changed. UTSI is ready to move into the “modern” world and use the technologies we have available to us.



WHAT KINDS OF E-JOURNALS DOES UTK HAVE?

UTK does not have a list of EVERYTHING they have electronically.

See <http://linkserv.lib.utk.edu:9003/sfx/az/> for a search page that has them listed alphabetically.



SEARCHING: TITLE

Find e-Journal

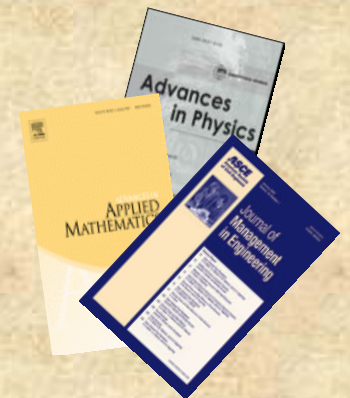
Title Category Advanced CitationLinker

0-9 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z Others

Title: Starts with Contains

You can search by typing in the title (or a portion of the title) in the TITLE box.

- “Starts with” indicates the beginning of the title
- “Contains” means the words appear somewhere in the title (my preferred method)



SEARCHING: CATEGORY

Find e-Journal

Title **Category** Advanced CitationLinker

Category

- Agriculture Sciences
- Arts and Humanities
- Business, Economy and Management
- Chemistry
- Earth Sciences
- Engineering
- Environmental Sciences

SubCategory

Go

You can search by choosing a category and then choosing a SubCategory. For example, choosing Physics will present the SubCategories of:

All subcategories (891)
Acoustics (32)
Applied Physics (75)
Astronomy (107)
Astrophysics (94)
Atmospheric Physics (59)
Condensed Matter Physics (46)

Cryogenics (8)
Energy (57)
General and Others (254)
Magnetism (31)
Mechanics (73)
Nuclear Physics (68)
Optics & Opto Electronics (129)

Particle Physics (58)
Plasma Physics (31)
Radiation (43)
Relativity (9)
Solid State Physics (85)
Thermodynamics and Heat Transfer (55)
Ultrasonic (25)

When a subcategory is chosen, supporting databases are listed.



SEARCHING: ADVANCED

Find e-Journal

Title Category **Advanced** CitationLinker

Title: Starts with Contains Exact

ISSN:

Vendor

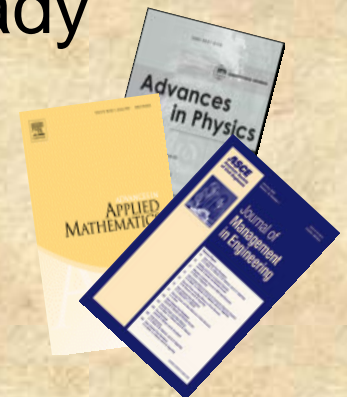
- ACM Digital Library
- AIP Scitation
- AIP Scitation
- Allen Press
- American Accounting Association

Category

- Agriculture Sciences
- Arts and Humanities
- Business, Economy and Management
- Chemistry
- Earth Sciences

[clear](#) **Go**

The Advanced Search allows a variety of searching options. In addition to the already described choices, the Vendor has been added. The search can be very broad or very narrow according to your needs.



SEARCHING: CITATIONLINKER

Find e-Journal

Title Category Advanced **CitationLinker**

Journal title Starts with Contains Exact

ISSN date

volume issue start page end page

article

author last name first name initials

PMID DOI

[clear](#)

The CitationLinker search is the most thorough search available. If you know what you want or you know parts of the citation and do not know which database to use to find it, this option will do that for you.



THE "HIT" LIST

Now that the search has been conducted, you may get a list of results. You can view them in the default detail view or in the table view.

T
A
B
L
E

V
I
E
W

0-9 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z Others

Title: Starts with Contains

Total number of e-Journals: 42907
[Switch to Detail View](#)

Showing page 10 of 430 pages. [|<](#) [<< Previous](#) [Next >>](#) [>|](#)

Journal title	ISSN	Actions
Advances in physics [View journal history for additional full text]	0001-8732	i FindText
Advances in physiology education	1043-4046	i FindText
Advances in physiotherapy	1403-8196	i FindText
Advances in plastics technology [View journal history for additional full text]	0272-9504	i FindText

Title of journal

ISSN of journal

Link to information about the journal

Link to area where journal will be available full-text or its location in the UTK Library



Find e-Journal

Title Category Advanced CitationLinker

0-9 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z Others

Title: Starts with Contains



How many journals are in that category

Subdivisions of alphabet

Total number of e-Journals: 2341

[Switch to Table View](#)

Title starts with:

Showing page 3 of 24 pages.

[M - Mag](#) * [mag - Man](#) * [Man - Man](#) * [Man - Mar](#) * [Mar - Mar](#) * [Mar - Mat](#) *
[Mat - McG](#) * [McG - Med](#) * [Med - Med](#) * [Med - MEE](#) * [Next set of titles >>](#)

[Managed care outlook](#) [0000-0600]

Full text available via [Factiva](#)

Available from 1991 until 1997

[Arts and Humanities: General and Others](#)



How many pages of items in that category

[Managed care outlook's health plan business advisor](#) [1092-7840]

Full text available via [Factiva](#)

Available from 1991 until 2001

[Business, Economy and Management: Business Management](#)

[Business, Economy and Management: Actuarial Science, Insurance and Risk Management](#)



[Managed care quarterly](#) [1064-5454]

Full text available via [EBSCO Academic Search Premier](#)

Available from 1999 until 2005

Full text available via [Gale Cengage InfoTrac OneFile](#)

Available from 2006

Full text available via [LexisNexis Academic](#)

Available from 2006

[Health Sciences: General and Others](#)

[Health Sciences: Nursing](#)



D
E
T
A
I
L

V
I
E
W

- Title, ISSN of journal
- Databases that contain that title and what issues are available from that database
- Subject headings for that title

Link to finding journal article either in full text or at the UTK Library

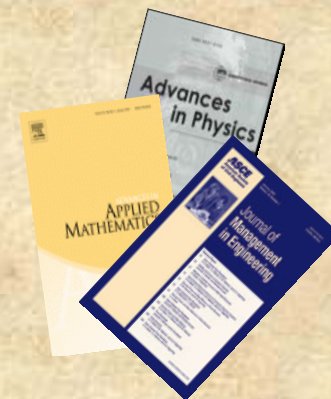


USING A DATABASE TO FIND WHAT YOU NEED

Sometimes you may know what you want but you don't know where to find it or you need a citation to support your work. Then searching a database will help, but ...



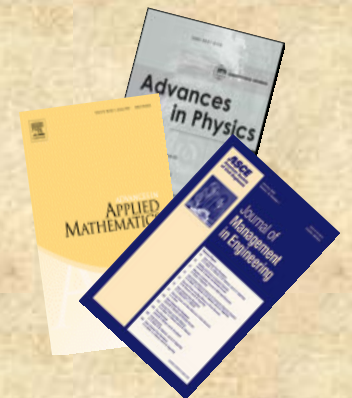
- Which database do I use?
- How do I find it?



There are several methods you can use to locate the appropriate database. First you can look at the subject areas. The few that may be of interest to you are:

By Subject

- General Topics
- Biology
- Business & Economics
- Chemical & Physical Sciences
- Engineering
- Geography
- Geological Sciences & the Environment
- Government Documents
- Health Sciences
- Mathematics & Computer Science



For example, choosing the subject ENGINEERING brings up a list:

Databases and Other Electronic Resources

Access Information:  UTK Users (w/NetID)  On Campus Only  In Library  CDROM  Free Access

Sciences - Engineering

Compendex 1884+  

The *primary* index to engineering literature. *Limited to 3 simultaneous users*. Select "END SESSION" to logoff.

Engineered Materials Abstracts 1993+  

Index to research publications in materials science

GeoRef 1785+  

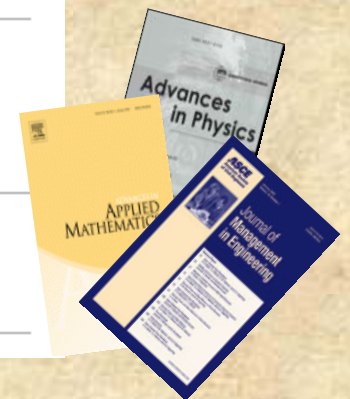
Indexes **geology** and **earth science** research publications.

IEEE Xplore (IEEE/IEE Electronic Library)  

Contains the full-text of all IEEE and IEE journals, transactions, magazines, conference proceedings and colloquia, and all active IEEE standards. Complete backfile to 1988, plus select content back to 1950.

INSPEC 1896+  

Physics, electrical engineering, computer and information technology, astronomy and geophysics.



Each database is different in how search terms are entered, but essentially they all require the same information: journal title, author, date, etc.

NOTE: At this point when you click to enter a database, if you haven't already been prompted, you will be asked for your NetID and password.

The image shows a search interface with three dropdown menus and a central search form. The first dropdown menu, titled "All document types", lists various document types such as "Journal article", "Conference article", "Conference proceeding", "Monograph chapter", "Monograph review", "Report chapter", "Report review", "Dissertation", and "Patents (before 1970)". The second dropdown menu, titled "All treatment types", lists various treatment types such as "Applications", "Biographical", "Economic", "Experimental", "General review", "Historical", "Literature review", "Management aspects", "Numerical", and "Theoretical". The third dropdown menu, titled "All fields", lists various search fields such as "Subject/Title/Abstract", "Abstract", "Author", "Author affiliation", "Title", "Ei Classification code", "CODEN", "Conference information", "Conference code", "ISSN", "Ei main heading", "Publisher", "Serial title", "Ei controlled term", and "Country of origin". The central search form is titled "SELECT DATABASE" and includes checkboxes for "All", "Compendex", and "Inspec". It has a "SEARCH FOR" section with two input fields and "AND" operators, and a "SEARCH IN" section with three dropdown menus. The "LIMIT BY" section includes dropdown menus for "All document types", "All treatment types", "Discipline type not available", and "All Languages", along with radio buttons for "1884 TO 2009" and "1 Updates". The "SORT BY" section includes radio buttons for "Relevance" and "Publication year", and a checkbox for "Autostemming off". There are "Search" and "Reset" buttons at the bottom. Three journal covers are shown in the bottom right corner: "Advances in Physics", "APPLIED MATHEMATICS", and "Journal of Management in Engineering".

Search for Databases
by Name or Description

 Find

- [Complete List of Databases](#)
- [Full-Text Resources](#)
- [New Subscriptions](#)
- [Database Trials \(on-campus access only\)](#)

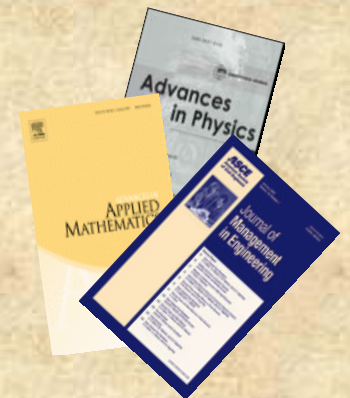
By Type

- [Almanacs & Statistics](#)
- [Biographies](#)
- [Books, Book Reviews & Periodical Directories](#)
- [Citation Indexes](#)
- [Corporate Financial Data](#)
- [Datasets](#)
- [Dictionaries, Encyclopedias & Handbooks](#)
- [Directories](#)
- [Dissertations](#)
- [E-Books](#)
- [Image Collections](#)
- [Newspapers](#)
- [Tables of Contents](#)

Other ways to search can be chosen from the list to the left.

Each one will bring up a list that will support that link.

Or you can type in something you think will bring up a particular database. But keep it broad in nature.



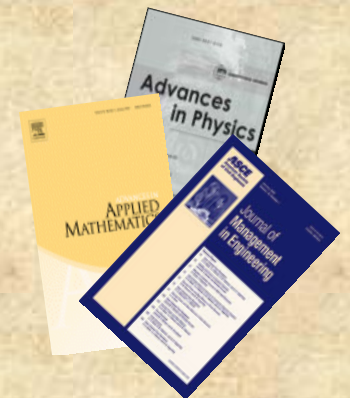
You may have begun to notice that there are distinct similarities among the databases.

Once you master the method, you will find that locating your journal articles is fairly easy.

If you are unable to locate an article full-text, just send the citation to the Library and we can see if we can find it somewhere else or order it from another institution through Interlibrary Loan.

Emily (emoore@utsi.edu) x316

Brenda (bbrooks@utsi.edu) x315



QUESTIONS?

<http://www.utsi.edu/library>

