

# *Forsyth Library's*

## *Chemistry Research Guide*

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*Last updated 11-12-08*

# **Forsyth Library**

## **Resources in Physics: Databases**

### 1. [PROLA](#) 1893- present

The American Physical Society's *Physical Review Online*. Overlap with chemistry articles. Library also has some of the print journals.

"Databases" on the  
Library Website

### 2. [American Chemical Society Archives Online](#) - 1879 -

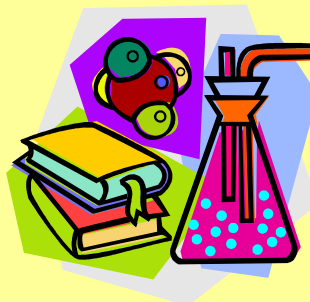
Journals of the American Chemical Society online. Library also has some of the print journals

"Electronic Journals"  
on the Library Website

### 3. [Expanded Academic \(Multi-Disciplinary\)](#)

Index coverage and full-text articles are available from the broad subjects provided by this database.

"Databases" on the  
Library Website



### 4. [General Science - Wilson Web \(Multi-Disciplinary\)](#) 1984-

Easy-to-use and designed specifically for students and non-specialists.

"Databases" on the  
Library Website

### 5. [Biomed Central \(Chemistry, Biology and Medical\)](#)

Independent publishing house committed to providing immediate open access to peer-reviewed biomedical research.

"Databases" on the  
Library Website

### 6. [Web of Knowledge](#)

An integrated, versatile research platform that delivers easy access to high quality, diversified scholarly information in the sciences, social sciences, and arts and humanities, as well as search and analysis tools that enhance this content.

"Databases" on the  
Library Website

## **Major Journals**

1. *Angewandte Chemie*  
QD 1 .A67
2. *Chemical Society Reviews*  
QD 1 C624
3. *Helvetica Chimica Acta*  
QD 1 .J93
4. *European Journal of Inorganic Chemistry*  
QD 146 .E97

5. *Journal of Chromatographic Science*  
QD 271 .J66
6. *Journal of Heterocyclic Chemistry*  
QC 400 .J6
7. *Journal of Chemical Thermodynamics*  
QD 501 .J78

## **Electronic Journals**

See p. 5 for more e-journals

[Accounts of Chemical Research](#)

[Angewandte Chemie International](#)

[American Chemical Society Archives](#)

[Analytical Chemistry](#)

[Annual Review of Biochemistry](#)

[Annual Review of Physical](#)

[Chemistry](#)

[Biochemistry](#)

[BioMed Central \(Open Access Journals\)](#)

[Chemical Research in Toxicology](#)

[Chemical Reviews](#)

[Chemistry of Materials](#)

[Crystal Growth and Design](#)

[Environmental Science & Technology](#)

[European Journal of Inorganic Chemistry](#)

[Helvetica Chimica ACTA](#)

[Industrial & Engineering Chemistry Research](#)

[Inorganic Chemistry](#)

[Institute of Physics archives](#)

[Jl. of Chemical Info. & Computer Sciences](#)

[Jl of Chemical Engineering Data](#)

[Jl of Combinatorial Chemistry](#)

[Jl of Medicinal Chemistry](#)

[Jl of Organic Chemistry](#)

[Jl of Physical Chemistry: A & B](#)

[Jl of Proteome Research](#)

[Langmuir](#)

[Molecular Pharmaceutics](#)

[Nano Letters](#)

[Organic Letters](#)

[Organic Process Research & Development](#)

[Organometallics](#)

[PROLA: Am Physical Society's](#)

[Physical Review Online Archives](#)

# Finding Full-Text Articles Flowchart

Search for your topic in a database (see p. 2), and choose an article. Is there a link to the full-text located underneath the article title/citation ?

NO

YES

Click on the link to see the entire article.

- **HTML** = text only
- **PDF** = looks like a photo of the printed page, including graphics. Photos might not appear due to copyright restrictions.

Is there:

- a link for **LinkSource**
- a link that says "Get Article"
- a circular blue & green icon



NO

YES

Click on the link or icon. **If you are off campus, call 785-628-5283 or e-mail [refserv@fhsu.edu](mailto:refserv@fhsu.edu) to get the LinkSource username and password.** This will activate a search of other databases for the article. **If it is found, it will appear in a new window.**

If not, you'll see:

"There were no results to display".

If the article was not found

Are you on-campus, or are you a Hays-area student?

NO

YES

You can request the article through:

[Distance Services](#)

**Be sure to allow adequate time for your article to arrive.**

Search the [Online Catalog](#) for a print or microform copy of the article.

Type in the name of the JOURNAL in which the article appears, and click "journal title keyword". If it is found, click on the title, and look at the dates available to see if the year you need is there.

Note the **call number** and find the journal in the Periodicals section (1994 or later), the basement (pre-1994) or on microfilm (MF call #), in the filing cabinets in the Periodicals section. **Library staff are glad to help you with the MF readers and printers, if needed.**

If we don't own the article in print or microfilm, you can request the article through:

[Interlibrary Loan](#)  
Click on Services on the Library's homepage.

**Be sure to allow adequate time for your article to arrive.**

## ***Additional Electronic Journals***

[Click here to browse full-text Chemistry Journals from the Directory of Open Access Journals.](#)  
[Available to All Users.](#)

[Click here to browse full-text science journals available in the library's databases.](#)  
[On-campus Only.](#)

## ***Reference Sources***

### **Print**

*Located in the Reference Area on the Main Floor of the Library*

1. *International Critical Table of Numerical Data*

Q 199 .N32

2. *Condensed Chemical Dictionary*

QD 5 .C5

3. *CRC Handbook of Chemistry & Physics*

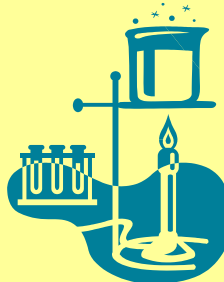
QD 65 .H3

4. *Lange's Handbook of Chemistry*

QD 65 .L36

5. *Comprehensive Organic Chemistry.*

QD 245 .C65



7. *Dictionary of Organic Compounds*

QD 246 .D5

8. *Name Reactions*

QD 291 .L5

9. *Organic Chemists Desk Reference*

QD 291 .R56

10. *Comprehensive Organometallic Chemistry*

QD 411 .C65

11. Located in the Reference Index Area: *Chemical Abstract (to 1989)*

Q1 .A51

# Finding Books

If you would like to browse for books,  
try looking in these areas in the General Collection on the 2nd floor:

**General Chemistry, Dictionaries, Encyclopedias...QD1 - QD65**

**CRC Handbook.....QD1 - QD65**

**Inorganic Chemistry.....QD146-QD197**

**Organic Chemistry.....QD241-441**

**Biochemistry.....QD415 - QD436, also QP501 - QP801**

## How to use the [Online Catalog](#) to search for books

To access the catalog, click on the link above, or go to the library's homepage at [www.fhsu.edu/forsyth\\_lib](http://www.fhsu.edu/forsyth_lib). Next, click on "Online Catalog", on the left hand side under *Quick Links*.

Type in your topic in the "Find this" box. Type in just the key (most important) words, and leave out "the", "and", "an", etc.

Next, choose what type of search you want to do: keyword, title keyword, journal title, etc. This tells the computer where you want it to look for your search terms:

**Keyword Search:** Searches for your term in every area, including title, descriptions, publisher, author, etc. This search will yield many results, but many will be irrelevant because your term is just mentioned briefly, and is not necessarily a focus of the book.

**Title Keyword:** This finds only those items that have your search terms in the title. It is a good way to find really relevant items on your topic. You can also use this search if you are looking for a specific book but are unsure of the exact title.

**Left Anchored Title:** Use this if you know the exact title of an item, or the first few words.

**Author Browse:** Find all works (owned by Forsyth Library) by a particular author. Enter the name last name first, followed by the first name, or an initial, if you know it.

**Journal Title Keyword:** search for a full or partial journal, newspaper or magazine title. Click on the title to see the call number and what years/issues of this periodical the library owns.

Once you've found a title you like, note the **location, call number, and status** (if it is checked out or not).

Title: **The anatomy of hope: how people prevail in the face of illness.**

**Location:** General Collection: Top Floor **Call Number:** R726.5 G76 **Status:** Available

**NOTE:** These searches are explained in the "Tips for Simple Search" box underneath the gray & black search area.

## **Websites**

[Chemistry Websites](#)

[Quick Reference Websites](#)

[Chemistry.org: Website of the American Chemistry Society](#)

[U.S. National Library of Medicine Chemical Information](#)

[What's That Stuff? The chemistry behind everyday products](#)

[Organic Chemistry Resources Worldwide](#)

[Linus Pauling's Research Notebooks](#)

[Her Lab in Your Life: Women in Chemistry](#)

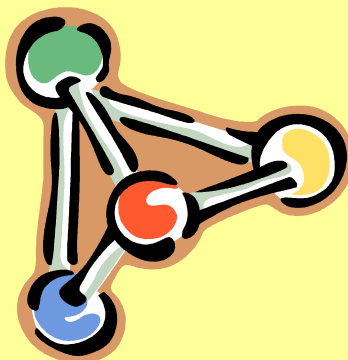
[Environmental Chemistry.com](#)

## ***Electronic Books & Texts***

[Through Forsyth Library](#) (general-multiple disciplines)

[National Academies Press](#)

[Net Library](#) (must set up free account)



# *Citing Your Sources*

## Style Guides

**Online:** [Duke University's Citation Guide](#) (the basics)

**Print:** Style manuals can be found at the Reference Desk,  
and in the following areas:

- **GC:** General Collection on the 2<sup>nd</sup> Floor. These can be checked out.
- **RES:** Reserve Desk on the 1<sup>st</sup> floor: 3 hour check-out.
- **REF:** Reference Area on the 1st floor. For use in the library. No check-out.

If you are unsure about which style manual to use, consult your professor.

American Psychological Association (APA) and APA Style Guide to  
Electronic Resources: [BF76.7 .P82](#) (and suppl 1 2008) **GC, RES, REF**

[APA Format and Style Guide](#) by *Purdue Writing Lab*

Modern Language Association (MLA): [LB2369.G53](#) **GC, RES, REF**

[MLA Format and Style Guide](#) *Purdue Writing Lab*

Chicago Manual of Style: [Z253.U69](#) **GC, REF**

[Chicago Format & Style Guide](#) *Ohio State University*

Turabian Manual for Writers: [LB2369.T8](#) **GC, RES, REF**

[Turabian Format & Style Guide](#) *Ohio State University*

For additional writing assistance, visit or contact the

[FHSU Writing Center](#)

628-4106, Forsyth Library Rm. 20

### ***HOURS***

Monday - Thursday: 9:00 a.m. – 5:00 p.m.

Monday, Tuesday & Wednesday Evenings: 6:30–8:30 p.m.

Friday: 9:00 a.m.–12:30 p.m.