CHEM 308 - Chemistry Topics Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Fall 2012

Assignment 2

**Your Seminar Topic**:

Key topical words and phrases for searching (identified in last week’s assignment)

What specific chemical substances/categories are associated with your topic?

Search each of the four main article tools listed on the Articles tab of the Chemistry library page:

* **ACS Publications**
* **RSC Publishing**
* **Science Direct**
* **Academic Search Complete**

For each one:

1. Keep a log of all your search attempts. You should have at least five searches minimum for each database. Blank search logs are below.
2. Identify the single best article you found in each database (list of four articles)
3. Identify the four best articles from all your results (list of four articles)
4. Cite all eight items (there may be repeats) in ACS style in the space below the search logs.
   1. **FYI:** ACS citation style for journal articles: Basic Format:  
      Author, A. A; Author, B. B; Author, C. C. Title of Article. Journal Abbreviation (italics) [Online if online] Year (boldface), Volume (italics), Pagination. (The article title is not required).
5. For both 2 and 3, indicate how you would obtain the article:
   1. If online, tell which database or web site has the full text. Remember that you may have to decode the abbreviation of the journal title and use the “find journal by title” tool on the main article tab of the library web site.
   2. If in paper, give the call number and years we have on our shelves
   3. If Interlibrary loan, mark with an “ILL”

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Best Article from:

ACS Publications

RSC Publishing

Science Direct

Academic Search Complete

Best Four Articles:

1)

2)

3)

4)

4) [Google Scholar](http://scholar.google.com/)

Do several searches related to your topic.

* Attach the first page of the search you consider the “best”.
* Choose an article (not a book) and click on the “cited by” link.
* Limit the date to the last 5 years (if that returns zero, then expand backwards in time until you get the most recent items that cite it)
* Attach the first page of that search
* Select an article that looks interesting and click the “related articles” link.
* Find an article on this list which does NOT have an access link to the right, cite it here in ACS style and describe how you would get your hands on the article

Citation:

Serials Solution Access:

* Now look for the article suggested by your advisor. Has anyone else cited it? How many? Did you find any useful, more recent articles?