

Chemistry Topics 2011

"Web of Science" - Assignment #4

Name: _____

Due on: _____

Web Of Science is available at the Clarkson University Library (in the ERC building). Use the workstations that are on tables ahead and to the left as you enter. See the page of instructions distributed in class and available on the CHEM 308 library website.

To use the "Cited Reference" feature of *Web of Science* you begin with a paper or book that is central to the work being done on your topic, and that was published long enough ago that others working in the same area will be citing it. *Web of Science* enables you to find other journal articles that have cited that paper. These papers are very likely (but not necessarily) on the same or a related subject; or they advance the research done in the original article.

1) List here the article or book that you are using as the CITED work:

Author: _____

Journal (use abbreviation) or book title: _____

Date, volume#, beginning page#: _____

2) Now find **one or more papers which cite this work** using *Web of Science*.

Connect to *Web of Science* as described on the instruction sheet and in the video, and enter the information about YOUR ARTICLE as directed on the screen.

How many articles cite the main version? _____

How many articles cite the variant version? _____

Following steps from the instruction sheet, locate at least one article **that cites the article you started with**. E-mail the citation and abstract (if available) to yourself, and print off, from that e-mail message, the full *Web of Science* record for one article. Attach it to this page.

3) Google Scholar (scholar.google.com) also offers some "Cited reference" links. Find the same article from step 1 above in Google Scholar. Look at the link called "Cited by ###". According to Google Scholar, how many have cited your article? _____ This is going to be a different number than in *Web of Science*.

a) Why is the number different?

b) Describe two situations: one where *Web of Science* would be the preferred citation analysis tool, and one where Google Scholar would be the preferred tool.