

Scavenger Hunt Assignment
Due in Class: Monday March 12, in class

This assignment introduces you to various search engines that are available for finding and downloading scientific papers. These search engines provide access to scientific papers that are freely available, and scientific papers that are available through paid journal subscriptions.

We recommend using:

- Encore** (encore.simpson.edu)
- Google Scholar** (scholar.google.com)
- PubMed** (pubmed.com).

Part A

Search for the following papers:

1. The S receptor kinase determines self-incompatibility in *Brassica* stigma.
2. A Gibberellin-Deficient *Brassica* Mutant—*rosette*.
3. The xanthophyll cycle - molecular mechanism and physiological significance
4. Development of a high density integrated reference genetic linkage map for the multinational *Brassica rapa* Genome Sequencing Project.
5. Photosynthetic capacity, photochemical efficiency and chlorophyll content of three varieties of *Labisia pumila* Benth. exposed to open field and greenhouse growing conditions
6. Thermal and Pressure–Temperature Degradation of Chlorophyll in Broccoli (*Brassica oleracea* L. italica) Juice: A Kinetic Study

Identify the following information for each paper:

1. Proper reference format (refer to “Scientific Writing” in Lab Manual for instructions)
2. Three search terms associated with each paper
3. Number of times the paper has been cited
4. Contact information (email address) for the last author
5. How is this paper available?
 - A) the paper is publicly available online
 - B) the paper is available online because the Simpson library has purchased a journal subscription
 - C) the paper is available only through interlibrary loan (Simpson’s library has not purchased the required journal subscription but can get the scientific paper from another library that has).

Part B

Identify four (4) additional journal articles or books that are available through Dunn’s Encore using each of the unique search terms/phrases below. Provide full reference for each of these (refer to “Scientific Writing” in Lab Manual for instructions).

- Carotenoid
- Chlorophyll
- Brassica rapa*
- George Washington Carver and Peanuts

Choose ONE (1) of these sources, read the article/paper/a single chapter in a book and write an annotated bibliography. Follow the instructions at: <http://owl.english.purdue.edu/owl/resource/614/01/>

Keep the summary to less than ½ a page. Use your own words (paraphrase). Be sure to emphasize the features of a good annotated bibliography: Summarize, Assess, Reflect.