Finding and Managing Scientific Information
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Research Guide: [http://lib.guides.umd.edu/chemistryresources](http://lib.guides.umd.edu/chemistryresources)
Click on the tab “Course Materials” to find a specific course.

Instructional videos: [http://lib.guides.umd.edu/chemistryresources/instructions](http://lib.guides.umd.edu/chemistryresources/instructions)

STEM Library: [https://www.lib.umd.edu/stem](https://www.lib.umd.edu/stem)

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Difference between a Research article and a Review article: Research articles, called primary sources, provide direct or firsthand evidence about an experiment, event, object, person, or work of art. They have a Materials & Methods section (it could be called just “Methods” or “Experimental”) that describes how the experiments were performed. Review articles are secondary sources, as they describe, discuss, interpret, comment upon, analyze, evaluate, summarize, and process primary sources. They usually DO NOT have an experimental section.

Finding scientific literature

[PubMed](https://pubmed.ncbi.nlm.nih.gov) is the National Library of Medicine's Medline database that provides abstracts and indexing for biomedical journals published in the U.S. and in foreign countries.

[Google Scholar](https://scholar.google.com) is an interdisciplinary search engine that covers extensively the scientific literature.
Finding properties of chemical compounds

PubChem

The Merck Index

CRC Handbook of Chemistry and Physics

Bibliographic Management Programs

EndNote Online
Mendeley
Zotero