



American Chemical Society (ACS) Citations

The following are some examples of citation styles for various sources. For complete information on citing sources in ACS style, refer to the *ACS Style Guide: A Manual for Authors and Editors*, 2nd Edition.

Information required in the in-text citation:

According to the ACS style manual, references can be cited in 3 ways:

- 1) By subscript numbers found in various publications. The subscript numbers appear outside the punctuation if the citation applies to a whole sentence or clause.
Oscillation in the reaction of benzaldehyde with oxygen was reported previously.
- 2) By italic numbers on the line and in parentheses inside the punctuation.
The mineralization of TCE by a pure culture of a methane-oxidizing organism has been reported (6).
- 3) By author name and year of publication in parentheses inside the punctuation.
The primary structure of this enzyme has also been determined (Finnegan et al., 1996).

In all three forms of in-text citation, the author's name can be used within the sentence.

- The syntheses described by Fraser³ take advantage of carbohydrate topology.
- Jensen (3) reported oscillation in the reaction of benzaldehyde with oxygen.
- In the case of the author-year citation, place only the year in parentheses:
According to Harris (1997), drug release is controlled by varying the hydrolytic stability of the ester bond.

With either numerical reference citations, start with 1 and number consecutively throughout the paper. If a reference is repeated, use the original reference number.

Book References:

Book references must include the author or editor names, book title, publisher, city of publication, and year of publication.

Walker, J.M.; Cox, M. *The Language of Biotechnology: A Dictionary of Terms*, 2nd ed.; American Chemical Society: Washington, D.C., 1996.

*If referring to a volume or specific chapter or page numbers within the book, you must cite *them* after the year.

Smith, I.B. *Electronic Structure and Properties of Transition Metal Compounds: Introduction to the Theory*; Wiley & Sons: New York, 1996; Chapter 6.

Books with Editors:

Smith, J.H.; Jones, K.D.; Hall, P.J.; Reproduction between Male and Female Alligators. In *The Study of Alligators*, 3rd ed.; Clough, R.L., Billingham, N.C., Gillen, K.T., Eds.; American Biological Digest: Washington, DC, 1996, pp 140-160.

Internet Sources:

The recommended format for Internet citations is as follows: Author (if any). Title of Site. URL (accessed date), other identifying information.

ACS Publication Division Home Page. <http://pubs.acs.org> (accessed Feb 1997).

Online Periodicals:

The format for online periodicals is as follows: Author 1; Author 2; Author 3; etc. Title of Article. *Journal Abbreviation* [Online] **Year**, *Volume*, Inclusive Pagination or other identifying information.

Craw, J.S.; Hinchliffe, A. *Electron. J. Theor. Chem.* [Online] **1995**, *1*, 8-10.

Periodicals:

Abbreviations for journals should be used. Abbreviate the name according to the *Chemical Abstracts Services Source Index*.

Periodicals should be cited as follows: Author 1; Author 2; Author 3; etc. Title of Article. *Journal Abbreviation* **Year**, *Volume*, Inclusive Pagination.

Davis, M.; Peavy, S. Ultraviolet Degradation of Polymers. *Fuel* **2000**, *81*, 1-3.

Nonscientific Magazines and Newspapers:

The recommended format for nonscientific magazine articles and newspapers is as follows: Author 1; Author 2; Author 3; etc. Title of Article. *Title of Periodical*, Complete Date, Pagination.

Moss, David.; Flax, Ross. Amonia, The Aroma, *Dog Monthly*, Nov 14, 1948, p 7.

Chemical Abstracts:

Chemical Abstracts often contain more than one abstract per page. Thus, there are three variations:

- 1) The column (two columns per page) in which the abstract occurs followed by a superscript number.
Chem. Abstr. **1946**, *40*, 4463⁸. (This is the 8th abstract in column 4463.)
- 2) The column (two columns per page) in which the abstract occurs followed by a letter, either on the line or superscript (generally italic):
Chem. Abstr. **1953**, *47*, 1167^f. (This is abstract f in column 1167.)
- 3) The abstract number itself followed by an on-line letter (roman), often a computer check character.
Chem. Abstr. **1989**, *110*, 8215^j. (This is abstract number 8215.)

Government Publications:

The following is the recommended format for Publications of Federal Government Agencies. *Note that there are several variations of government citation, including the Federal Register, Code of Federal Regulations, U.S. Code, U.S. Laws, and State and Local Government Publications. These all can be found in the ACS manual.

The format is as follows: Author 1; Author 2; etc. Chapter Title. *Document Title*; Government Publication Number; Publishing Agency: Place of Publication, Year; Pagination.

Lopez-Marquez, D.M.; Saunders, J. Salsa for Gringos. *Easy Recipes*; 060112; U.S. Department of Agriculture: Washington DC, 2003; pp 101-130.

Patents:

The recommended format for patents is as follows: Patent Owner 1; Patent Owner 2; etc. Title of Patent. Patent Number, Date.

Hill, J.; Pitrucha, P.; McCullough, K. Conversion of Sodium.. U.S. Patent 5,000,124, December 12, 2003.