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American Chemical Society (ACS)

Citation Style Guide

Citing References in Text

References may be indicated in one of three ways:

By superscript numbers:

Oscillation in the reaction of benzaldehyde with oxygen was reported previously.¹

By italic numbers on the line and in parentheses:

The mineralization of TCE by a pure culture of a methane-oxidizing organism has been reported (2).

By author name and year of publication in parentheses:

The primary structure of this enzyme has also been determined (Finnegan et al., 1996).

Literature Cited - Examples

References should be collected in a numerical list (for numbered citations) or an alphabetical list (for author-date citations) titled Literature Cited at the end of the paper. Do not include items that were not cited in the paper.

Use full journal titles or abbreviated journal titles from the *Chemical Abstracts Service source index* (CASSI).

Journal article titles, book chapter titles and thesis or dissertation titles are not necessary, but are desirable. *Single-space all entries and between entries.*

PRINT SOURCES

Journal Articles

Hill, M.; Fott, P. Kinetics of gasification of Czech brown coals. *Fuel* **1993**, *72*, 525-529.

References to Chemical Abstracts

Tamura, T.; Sakaedmani, N.; Matsumoto, T. Isolation of Dihydrostosterol Ferulate from Corn germ Oil. *Nippon Kagaku Zasshi* **1958**, *79*, 1011-1014; *Chem. Abstr.* **1960**, *54*, 24857m.

Non-scientific Magazines & Newspapers

Suplee, Curt. Infinitesimal Carbon Structures May Hold Gigantic Potential. *The Washington Post*, Dec 2, 1996, p A3.

Book with Editors – including Handbooks and Encyclopedias

Bioorganic Chemistry: Nucleic Acids; Hecht, S. M., Ed. Oxford University Press: New York, 1996.

CRC Handbook of Chemistry and Physics 59th ed.; Weast, R. C., Ed. CRC Press: Boca Raton, FL, 1978; p E39-41.

Almlof, J.; Gropen, O. Relativistic Effects in Chemistry. In *Reviews in Computational Chemistry*; Lipkowitz, K. B., Boyd, D. B., Eds.; VCH: New York, 1996; Vol. 8, pp 206-210.

Eyring, E. M. Chemical Dynamics. In *McGraw-Hill Encyclopedia of Science & Technology* 8th ed. McGraw-Hill: New York, 1997; Vol. 3, pp 553-560.

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Books without editors

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

Theses or Dissertations

Chandrakanth, J. S. Effects of Ozone on the Colloidal Stability of Particles Coated with Natural Organic Matter. PhD. Dissertation, University of Colorado, Boulder, CO, 1994.

Patents

Gordon, A. Z.; Rossof, A. H. Methods for Treating Leukopenia with Tertiary Amines or Quarternary Ammonium Salts. U.S. Patent 5,466,509, 1987.

Fritzberg, A. R. Metal Radionuclide Labeled Proteins for Diagnosis and Therapy. Eur. Pat. Appl. 188256, Jan 13, 1986.

Technical Reports and Bulletins

ACS does not specifically cover MSDS, but they can be considered technical reports

Schneider, A. B. *Expert Systems in Analytical Chemistry*; Technical Report No. 1234-56; ABC Co.: New York, 1985.

Titanium Dioxide; MSDS No. T3627; Mallinckrodt-Baker: Phillipsburg, NJ, 2003.

Government Publications

Sherma, J.; Beroza, M. *Manual of Analytical Quality Control for Pesticides and Related Compounds*; EPA-600/1-79/008; U.S. Environmental Protection Agency. U.S. Government Printing Office: Washington, DC, 1979.

ELECTRONIC OR INTERNET SOURCES

Internet Sources

ChemExper Home Page. <http://chemexper.com/> (accessed Feb 2006).

Online Journals

Include other identifying information (database name, date accessed) after the page numbers.

Craw, J. S.; Hinchliffe, A. Quadruplet Polarizabilities of Alkali-halide Clusters. *Electron. J. Theor. Chem.* [Online] **1995**, *1*, 8-10.

Yeung, E. S.; Dynamics of Single Biomolecules in Free Solution. *Annu. Rev. Phys. Chem.* [Online] **2004**, *55*, 97-C-2. Available from Academic Search Premier
<http://search.epnet.com/login.aspx?direct=true&db=aph&an=14393556> (accessed Feb 2006).

Examples taken / modified from:

The ACS Style Guide, 2nd ed.; Dodd, J. S., Ed. American Chemical Society: Washington, DC, 1997.