

Writing in the Chemical and Biological Sciences: A Reference Guide

The following guidelines have been established by the American Chemical Society and the Council of Biology Editors and represent the standard conventions for citing references and listing reference citations.

Typically, references from peer-reviewed sources (such as scientific journals) are used in scientific writing.

In Text:

When citing references in text 3 conventions may be used:

1. Cite references using superscripts
Ex: Chorismate is a branch point in the pathway that can lead to aromatic amino acid synthesis, folic acid synthesis, and secondary metabolite synthesis³.
2. By italic numbers in parentheses inside the punctuation.
Ex: N-dichloroacetyl-p-aminoohenylserinal is then converted to N-dichloroacetyl-p-aminoohenylserinol and finally to chloramphenicol (3).
3. By author name and year in parentheses inside the punctuation.
Ex: One problem encountered leading to misfolded protein aggregates is exposed hydrophobic surfaces of intermediates in a denatured state (Bao and Fukuhara 2001).

Collating References:

All references should be collated at the end of the manuscript either in alphabetical order by first author or numerical order.

Books

Without Editors:

Author 1; author 2; Author 3; *etc.* Chapter Title. *Book Title*, edition Number, Series Information (if any); Publisher: Place of Publication, year; Volume Number; Pagination.

With Editors:

Author 1; author 2; Author 3; *etc.* Chapter Title. In *Book Title*, Edition Number; Editor 1, Editor 2, *etc.*; Series Information (if any); Publisher: Place of Publication, Year; Volume Number; Pagination.

Journal Articles

Author 1; author 2; Author 3; *etc.* Title of Article. *Journal Name*. YEAR, Volume, Inclusive Pagination.

Web Sites

Name, Author, Electronic Address, Date Accessed.

Special Publications

Lab Manuals:

Author. Affiliation, City, State. Title, Year.

In research journals, Journal names are typically abbreviated. However, for most student writing it is not recommended to abbreviate journal names.