

References for Inorganic Chemistry (Titles in **Bold** are on Open Reserve)

Advanced Inorganic Chemistry, 6th Edition, F.A. Cotton and G. Wilkinson

Inorganic Chemistry, 3rd or 4th Edition, Shriver and Atkins, Freeman

Inorganic Chemistry, 2nd or 3rd Edition, Housecroft and Sharpe, Pearson Hall

Chemical Applications of Group Theory, 3rd Edition F.A. Cotton, Wiley Interscience

Physical Methods in Inorganic Chemistry, R. S. Drago, W. B. Saunders Company

Principles of Bioinorganic Chemistry, S.J. Lippard, J.M. Berg, University Science Books, 1994

* Principles and Applications of Organotransition Metal Chemistry,
Collman, Hegedus, Norton and Finke, University Science Books

* Note: There are several other very good texts in organometallic chemistry. For example:

Fundamental Transition Metal Organometallic Chemistry, C.M. Lukehart,
Brooks Cole Publishing Company

The Organometallic Chemistry of the Transition Metals, Crabtree, Wiley Interscience.

Journals (at Carleton) Many are available electronically

Inorganic Chemistry

Journal of the American Chemical Society

Journal of the Chemical Society (London), Dalton Transactions

New Journal of Chemistry (Nouveau Journal de Chemie)

Inorganic Biochemistry

Organometallics

Good Sources of Reference Information:

General Information:

Comprehensive Coordination Chemistry, 7 Volume Set, Pergamon Press, NY, 2004
(Reference Section of the "Science Library"),

Volume 2 on Ligands of the 1987 Edition is on Open Reserve

Comprehensive Inorganic Chemistry, 5 Volume Set, Pergamon Press,
NY, 1973 (General Collection of the "Science Library")

Infrared Spectroscopy of Inorganic Compounds:

Data: The Sadtler Index (Not available at Carleton, however available at essentially all research universities)

Text: Infrared and Raman Spectra of Inorganic and Coordination Compounds, 4th or 5th Editions,
K. Nakamoto, Wiley Interscience