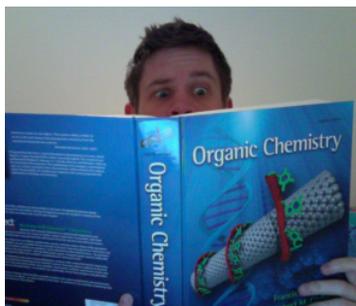


## 1.1: Resources for Organometallic Chemistry

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Let's face it: organometallic chemistry is a somewhat esoteric subject. Unfortunately, this fact makes it difficult to find cheap, current textbooks on the subject, but there are a few used gems for sale on the Internet. Crabtree's *Organometallic Chemistry of the Transition Metals* is a short but solid book that's a good jumping-off point for deeper studies. Spessard and Miessler's *Organometallic Chemistry* is a longer but still informative classic. Hartwig's "biblical" *Organotransition Metal Chemistry* is a nice reference work, but I wouldn't start off with this back-breaking tome. If you do, skip around and avoid the vast sections of text describing "what's known" with little explanation.



What resources are available for the interested organometallics student?

For the penny-pinching student or layman, there are several good resources for organometallic chemistry on the Web. Nothing as exhaustive as Reusch's *Virtual Textbook of Organic Chemistry* exists for organometallic chemistry, but the base of resources available on the Web is growing. Rob Toreki's [Organometallic HyperTextBook](#) could use a CSS refresh, but contains some nice introductions to different organometallic concepts and reactions. Try the electron-counting quiz!

[VIPER](#) is a collection of electronic resources for teaching and learning inorganic chemistry, and includes a nice section on organometallic chemistry featuring laboratory assignments, lecture notes, and classroom activities. Awesome public lecture notes are available from Budzelaar at the University of Manitoba and Shaughnessy at Alabama (Roll Tide?). For practice problems, check out Fu's OpenCourseWare material from MIT and Shaughnessy's problem sets.

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