

## 5.15: References

1. Rosi, Nathaniel L.; Eckert, Juergen; Eddaoudi, Mohamed; Vodak, David T.; Kim, Jaheon; O'Keefe, Michael; Yaghi, Omar M. (2003). "Hydrogen storage in microporous metal-organic frameworks". *Science* **300** (5622): 1127–1129. doi:[10.1126/science.1083440](https://doi.org/10.1126/science.1083440). PMID [12750515](https://pubmed.ncbi.nlm.nih.gov/12750515/). Bibcode: [2003Sci...300.1127R](https://ui.adsabs.org/2003Sci...300.1127R).
2. Green, M.L.H. (1995). "A new approach to the formal classification of covalent compounds of the elements". *Journal of Organometallic Chemistry* **500**: 127–148. doi:[10.1016/0022-328X\(95\)00508-N](https://doi.org/10.1016/0022-328X(95)00508-N).
3. [The CBC Method](#), Parkin group, Columbia University.
4. Crabtree, Robert. *The Organometallic Chemistry of the Transition Metals*: 4th edition. Wiley-Interscience, 2005
5. "Metal–Ligand Multiple Bonds: The Chemistry of Transition Metal Complexes Containing Oxo, Nitrido, Imido, Alkylidene, or Alkylidyne Ligands" W. A. Nugent and J. M. Mayer; Wiley-Interscience, New York, 1988.
6. McConville, David H.; Wolf, Jennifer R.; Schrock, Richard R. (1993). "Synthesis of chiral molybdenum ROMP initiators and all-cis highly tactic poly(2,3-(R)2norbornadiene) (R = CF<sub>3</sub> or CO<sub>2</sub>Me)". *J. Am. Chem. Soc.* **115** (10): 4413–4414. doi:[10.1021/ja00063a090](https://doi.org/10.1021/ja00063a090).
7. Nguyen, Sonbinh T.; Johnson, Lynda K.; Grubbs, Robert H.; Ziller, Joseph W. (1992). "Ring-opening metathesis polymerization (ROMP) of norbornene by a Group VIII carbene complex in protic media". *J. Am. Chem. Soc.* **114** (10): 3974–3975. doi:[10.1021/ja00036a053](https://doi.org/10.1021/ja00036a053).
8. Rosenberg B, Vancamp L, Trosco JE, Mansour VH (1969). "Platinum compounds - a new class of potent antitumour agents". *Nature* **222** (5191): 385–386. doi:[10.1038/222385a0](https://doi.org/10.1038/222385a0).
9. G. Wilkinson, M. Rosenblum, M. C. Whiting, R. B. Woodward (1952). "The Structure of Iron Bis-Cyclopentadienyl". *Journal of the American Chemical Society* **74** (8): 2125–2126. doi:[10.1021/ja01128a527](https://doi.org/10.1021/ja01128a527).
10. Osborn, J. A.; Jardine, F. H.; Young, J. F.; Wilkinson, G. (1966). "The Preparation and Properties of Tris(triphenylphosphine)halogenorhodium(I) and Some Reactions Thereof Including Catalytic Homogeneous Hydrogenation of Olefins and Acetylenes and Their Derivatives". *Journal of the Chemical Society A*: 1711–1732. doi:[10.1039/J19660001711](https://doi.org/10.1039/J19660001711).
11. "Tris(triphenylphosphine)halorhodium(I)" J. A. Osborn, G. Wilkinson, *Inorganic Syntheses*, 1967, Volume 10, p. 67. DOI [10.1002/9780470132418.ch12](https://doi.org/10.1002/9780470132418.ch12)
12. D. A. Evans, G. C. Fu and A. H. Hoveyda (1988). "Rhodium(I)-catalyzed hydroboration of olefins. The documentation of regio- and stereochemical control in cyclic and acyclic systems". *J. Am. Chem. Soc.* **110** (20): 6917–6918. doi:[10.1021/ja00228a068](https://doi.org/10.1021/ja00228a068).
13. I. Ojima, T. Kogure (1972). "Selective reduction of  $\alpha,\beta$ -unsaturated terpene carbonyl compounds using hydrosilane-rhodium(I) complex combinations". *Tetrahedron Lett.* **13** (49): 5035–5038. doi:[10.1016/S0040-4039\(01\)85162-5](https://doi.org/10.1016/S0040-4039(01)85162-5).
14. W. S. Knowles (2003). "Asymmetric Hydrogenations (Nobel Lecture 2001)". *Advanced Synthesis and Catalysis* **345** (12): 3–13. doi:[10.1002/adsc.200390028](https://doi.org/10.1002/adsc.200390028).
15. H. Jahn and E. Teller (1937). "Stability of Polyatomic Molecules in Degenerate Electronic States. I. Orbital Degeneracy". *Proceedings of the Royal Society A* **161**(905): 220–235. doi:[10.1098/rspa.1937.0142](https://doi.org/10.1098/rspa.1937.0142). Bibcode: [1937RSPSA.161..220J](https://ui.adsabs.org/1937RSPSA.161..220J).
16. Rob Janes and Elaine A. Moore (2004). [Metal-ligand bonding](#). Royal Society of Chemistry. ISBN [0-85404-979-7](https://www.rsc.org/books/0-85404-979-7).
17. Patrick Frank, Maurizio Benfatto, Robert K. Szilagyi, Paola D'Angelo, Stefano Della Longa, and Keith O. Hodgson "The Solution Structure of [Cu(aq)]<sup>2+</sup> and Its Implications for Rack-Induced Bonding in Blue Copper Protein Active Sites" *Inorganic Chemistry* 2005, vol 44, pp 1922–1933. DOI [10.1021/ic0400639](https://doi.org/10.1021/ic0400639)
18. Coe, B. J.; Glenwright, S. J. Trans-effects in octahedral transition metal complexes. *Coordination Chemistry Reviews* **2000**, 203, 5–80.
19. Robert H. Crabtree (2005). *The Organometallic Chemistry of the Transition Metals* (4th ed.). New Jersey: Wiley-Interscience. ISBN [0-471-66256-9](https://www.wiley.com/9780471662569).
20. Kauffmann, G. B. I'lya I'lich Chernyaev (1893–1966) and the Trans Effect. *J. Chem. Educ.* **1977**, 54, 86–89.
21. Chernyaev, I. I. The mononitrites of bivalent platinum. I. *Ann. inst. platine (USSR)* **1926**, 4, 243–275.
22. George B. Kauffman, Dwaine O. Cowan (1963). "cis- and trans-Dichlorodiammineplatinum(II)". *Inorg. Synth.* **7**: 239–245. doi:[10.1002/9780470132388.ch63](https://doi.org/10.1002/9780470132388.ch63).
23. Helm, Lothar; Merbach, André E. (2005). "Inorganic and Bioinorganic Solvent Exchange Mechanisms". *Chem. Rev.* **105** (6): 1923–1959. doi:[10.1021/cr030726o](https://doi.org/10.1021/cr030726o). PMID [15941206](https://pubmed.ncbi.nlm.nih.gov/15941206/).
24. Rosenberg, B.; Van Camp, L.; Krigas, T. (1965). "Inhibition of Cell Division in Escherichia coli by Electrolysis Products from a Platinum Electrode". *Nature* **205**(4972): 698–9. doi:[10.1038/205698a0](https://doi.org/10.1038/205698a0). PMID [14287410](https://pubmed.ncbi.nlm.nih.gov/14287410/).

This page titled [5.15: References](#) is shared under a [CC BY-SA 4.0](#) license and was authored, remixed, and/or curated by [Chemistry 310 \(Wikibook\)](#) via [source content](#) that was edited to the style and standards of the LibreTexts platform.