

# The **chem-acs** bibliography style for **biblatex**\*

Joseph Wright<sup>†</sup>

Released 2025-08-04

This package provides a style for **biblatex** which follows the guidelines of the American Chemical Society.<sup>1</sup> The citation style is numeric and unsorted. The bibliography style follows the pattern of the layout used in the journal *Journal of the American Chemical Society*. The citation style is numeric and unsorted. The bibliography style follows the pattern of the layout used in the journal. The style should be loaded in the usual way

```
\usepackage[style = chem-acs]{biblatex}
```

The References section of this document demonstrates the format generated by the package using the **biblatex-chem.bib** database of example records.

## References

- (1) *The ACS Style Guide*, 3rd ed.; Coghill, A. M., Garson, L. R., Eds.; Oxford University Press, Inc. and The American Chemical Society: New York, 2006.
- (2) Allen, R. A.; Smith, D. B.; Hiscott, J. E. *Radioisotope Data*; UKAEA Research Group Report AERE-R 2938; London: H.M.S.O., 1961.
- (3) Arduengo III, A. J.; Harlow, R. L.; Kline, M. *J. Am. Chem. Soc.* **1991**, *113*, 361–363.
- (4) Arduengo III, A. J.; Gentry Jr., F. P.; Taverkere, P. K.; Simmons III, H. E. (E. I. DuPont). Process for manufacture of imidazoles US Patent, 6177575, 2001.
- (5) Armarego, W. L. F.; Chai, C. L. L. *Purification of Laboratory Chemicals*, 5th ed.; Butterworth–Heinemann: London, 2003.
- (6) Augustine, R. L. *Heterogeneous Catalysis for the Synthetic Chemist*; Marcel Dekker: New York, 1995.
- (7) Baker, J. C. Process of bleaching and maturing flour and other cereal products US Patent, 1367530, 1921.
- (8) Booth, G.; Chatt, J. *J. Chem. Soc.* **1962**, 2099–2106.
- (9) CORINA: Generation of 3D coordinates <http://www.molecular-networks.com/software/corina/index.html>.
- (10) Cotton, F. A.; Wilkinson, G.; Murillio, C. A.; Bochmann, M. *Advanced Inorganic Chemistry*, 6th ed.; Wiley: Chichester, United Kingdom, 1999.

---

\*This file describes v1.2, last revised 2025-08-04.

<sup>†</sup>E-mail: [joseph@texdev.net](mailto:joseph@texdev.net)

- (11) Pugh, D.; Wright, J. A.; Danopoulos, A. A. *Angew. Chem. Int. Ed.*, in press.
- (12) Dehnicke, K.; Strähle, J. *Angew. Chem.* **1981**, *93*, 451–464.
- (13) Dehnicke, K.; Strähle, J. *Angew. Chem., Int. Ed. Engl.* **1981**, *20*, 413–426.
- (14) Gaunt, M. J. The investigation and design of palladium catalysed reactions, Ph.D. Thesis, Cambridge, United Kingdom: University of Cambridge, 1999.
- (15) *N-Heterocyclic Carbenes in Transition Metal Catalysis*; Glorius, F., Ed.; Topics in Organometallic Chemistry, Vol. 21; Springer: Berlin, 2007.
- (16) *International Tables for Crystallography*, 5th ed.; Hahn, T., Ed.; Kluwer Academic Publishers: Dordrecht, Netherlands, 2002; Vol. A.
- (17) Hammond, C. *The Basics of Crystallography and Diffraction*; International Union of Crystallography and Oxford University Press: Oxford, United Kingdom, 1997; Chapter 1, pp 1–40.
- (18) Henry, P. M. In *Handbook Of Organopalladium Chemistry for Organic Synthesis*, Negishi, E.-I., Ed.; Wiley Interscience: New York, 2002; Vol. 2; Chapter V.3.1.1, pp 2119–2140.
- (19) Heyn, B.; Hippler, B.; Kreisel, G.; Schreer, H.; Walther, D. *Anorganische Synthesechemie: ein integriertes Praktikum*; Springer-Verlag: Weinheim, Germany, 1986.
- (20) Hope, E.; Bennett, J.; Stuart, A. In *Pacificchem (International Chemical Congress of Pacific Basin Societies)*, Hawaii, USA, 2005.
- (21) Kabbe, H.-J.; Jira, R. In *Methoden der organischen Chemie, Houben–Weyl, Ketone, Teil 1*, 4th ed.; Georg Thieme Verlag: Stuttgart, Germany, 1973; Vol. VII; Chapter III, pp 781–790.
- (22) Kirschning, A., Ed. Topics in Current Chemistry 242 (2004): *Immobilized Catalysts*.
- (23) Lancaster, S. J. Alkylation of boron trifluoride with pentafluorophenyl Grignard reagent <http://www.syntheticpages.org/pages/215> (accessed 10/08/2008).
- (24) *Theoretical Aspects of Homogeneous Catalysis*; van Leeuwen, P. W. M. N., Morokuma, K., van Lenthe, J. H., Eds.; Catalysis by Metal Compounds 18; Kluwer Academic Press: Dordrecht, Netherlands, 1995.
- (25) Sheldrick, G. M. In Müller, P.; Herbst-Irmer, R.; Spek, A. L.; Schneider, T. R.; Sawaya, M. R. *Crystal Structure Refinement*; International Union of Crystallography and Oxford University Press: Oxford, United Kingdom, 2006.
- (26) *Handbook of Organopalladium Chemistry for Organic Synthesis*; Negishi, E.-I., Ed.; Wiley Interscience: New York, 2002.
- (27) Öfele, K. *J. Organomet. Chem.* **1968**, *12*, P42–P43.
- (28) ABSPACK, CrysAlis CCD and CrysAlis RED, version 1.171; Oxford Diffraction Ltd., Abingdon, United Kingdom, 2006.
- (29) Bunge, S. D.; Just, O.; Rees Jr., W. S. *Angew. Chem. Int. Ed.* **2000**, *39*, 3082–3084.
- (30) Sheldrick, G. M. SHELX-97: Programs for crystal structure analysis; Göttingen, Germany, 1997.

- (31) Smidt, J.; Hafner, W.; Jira, R.; Sedlmeier, J.; Sieber, R.; Rüttinger, R.; Kojer, H. *Angew. Chem.* **1959**, *71*, 176–182.
- (32) Smidt, J.; Hafner, W.; Jira, R.; Sieber, R.; Sedlmeier, J.; Sabel, A. *Angew. Chem., Int. Ed. Engl.* **1962**, *1*, 80–88.
- (33) Sofield, C. D.; Walter, M. D.; Andersen, R. A. *Acta Crystallogr., Sect. C: Cryst. Struct. Commun.* **2004**, DOI: [10.1107/S0108270104018840](https://doi.org/10.1107/S0108270104018840).
- (34) Proceedings of the 21st International Conference on Coordination Chemistry, Toulouse, France, 1980.
- (35) Wanzlick, H. W. *Angew. Chem., Int. Ed. Engl.* **1962**, *1*, 75–80.
- (36) *International Tables for Crystallography, Mathematical, Physical and Chemical Tables*, 3rd ed.; Wilson, A. J. C., Prince, E., Eds.; Kluwer Academic Publishers: Dordrecht, Netherlands, 1992; Vol. C.