

The chem-acs bibliography style for biblatex*

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This package provides a style for biblatex which follows the guidelines of the American Chemical Society.¹ 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 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. Wanzlick, H. W. *Angew. Chem., Int. Ed. Engl.* **1962**, *1*, 75–80; Öfele, K. *J. Organomet. Chem.* **1968**, *12*, P42–P43.
10. CORINA: Generation of 3D coordinates., <http://www.molecular-networks.com/software/corina/index.html>.
11. Cotton, F. A.; Wilkinson, G.; Murillio, C. A.; Bochmann, M., *Advanced Inorganic Chemistry*, 6th ed.; Wiley: Chichester, United Kingdom, 1999.

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12. Pugh, D.; Wright, J. A.; Danopoulos, A. A. *Angew. Chem. Int. Ed.* in press.
13. Dehnicke, K.; Strähle, J. *Angew. Chem.* **1981**, *93*, 451–464.
14. Dehnicke, K.; Strähle, J. *Angew. Chem., Int. Ed. Engl.* **1981**, *20*, 413–426.
15. Gaunt, M. J. The investigation and design of palladium catalysed reactions., Ph.D. Thesis, Cambridge, United Kingdom: University of Cambridge, 1999.
16. *N-Heterocyclic Carbenes in Transition Metal Catalysis*; Glorius, F., Ed.; Topics in Organometallic Chemistry, Vol. 21; Springer: Berlin, 2007.
17. *International Tables for Crystallography*, 5th ed.; Hahn, T., Ed.; Kluwer Academic Publishers: Dordrecht, Netherlands, 2002; Vol. A.
18. 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.
19. 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.
20. Heyn, B.; Hippler, B.; Kreisel, G.; Schreer, H.; Walther, D., *Anorganische Synthesechemie: ein integriertes Praktikum*; Springer-Verlag: Weinheim, Germany, 1986.
21. Hope, E.; Bennett, J.; Stuart, A. In *Pacificchem (International Chemical Congress of Pacific Basin Societies)*, Hawaii, USA, 2005.
22. 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.
23. Kirschning, A., Ed. Topics in Current Chemistry. 242 (2004): *Immobilized Catalysts*.
24. Lancaster, S. J. Alkylation of boron trifluoride with pentafluorophenyl Grignard reagent., <http://www.syntheticpages.org/pages/215>.
25. *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.
26. 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.
27. *Handbook of Organopalladium Chemistry for Organic Synthesis*; Negishi, E.-I., Ed.; Wiley Interscience: New York, 2002.
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.
34. Proceedings of the 21st International Conference on Coordination Chemistry., Toulouse, France, 1980.
35. *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.