



Z. Lin

The author presented on this page has published more than **10 articles** in *Angewandte Chemie* in the last 10 years, most recently:

"Enantioselective Synthesis of β,γ -Unsaturated α -Fluoroesters Catalyzed by N-Heterocyclic Carbenes": Y.-M. Zhao, M. S. Cheung, Z. Lin, J. Sun, *Angew. Chem.* **2012**, *124*, 10505–10509; *Angew. Chem. Int. Ed.* **2012**, *51*, 10359–10363.

Zhenyang Lin

Date of birth:	March 2, 1962
Position:	Professor and Head, Department of Chemistry, The Hong Kong University of Science and Technology
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Education:	1982 BSc, China University of Geology, Wuhan 1985 MSc in Chemistry with Professors Chunwan Liu and Jiayi Lu, Fujian Institute of Research on the Structure of Matter, Chinese Academy of Sciences 1989 DPhil in Chemistry with Professor D. Michael P. Mingos, University of Oxford 1990–1993 Postdoc with Professor Michael B. Hall, Texas A&M University
Current research interests:	Theoretical and computational inorganic/organometallic chemistry; structure and bonding of metal complexes; mechanistic studies of transition-metal-catalyzed organic reactions
Hobbies:	Watching and reading the news

In a spare hour, I ... chat with friends.

If I could be anyone for a day, I would be ... a poet.

My favorite quote is ... "it is in the nature of a hypothesis when once you have conceived it, that it assimilates everything to itself, as proper nourishment, and from the first moment of your begetting it, it generally grows stronger by everything you see, hear or understand" (Laurence Sterne; 1713–1768).

My favorite way to spend a holiday is ... to stay at home and relax.

The secret of being a successful scientist is ... to be persistent and eager to learn and solve problems.

If I had one year of paid leave I would ... revisit and stay in my hometown.

The principal aspect of my personality is ... I tend to keep a low profile.

The natural talent I would like to be gifted with ... is the ability to appreciate music and art.

My motto is ... "never regret".

Young people should study chemistry because ... chemistry is essential for them to understand and explore the world.

Looking back over my career, I ... believe that I made the right choice.

My favorite drink is ... coca cola.

My 5 top papers:

1. "Unusual Five-Center, Four-Electron Bonding in a Rhodium–Bismuth Complex with Pentagonal-Bipyramidal Geometry": Z. Xu, Z. Lin, *Angew. Chem.* **1998**, *110*, 1815–1818; *Angew. Chem. Int. Ed.* **1998**, *37*, 1686–1689. (The first report of this unusual bond type.)
2. "A Metallanaphthalene Complex from Zinc Reduction of a Vinylcarbyne Complex": G. He, J. Zhu, W. Y. Hung, T. B. Wen, H. H.-Y. Sung, I. D. Williams, Z. Lin, G. Jia, *Angew. Chem.* **2007**, *119*, 9223–9226; *Angew. Chem. Int. Ed.* **2007**, *46*, 9065–9068. (This work shows the impact of computational chemistry on the synthesis of the title compound.)
3. "DFT Studies on the Mechanism of the Diboration of Aldehydes Catalyzed by Copper(I) Boryl Complexes": H. Zhao, L. Dang, T. B. Marder, Z. Lin, *J. Am. Chem. Soc.* **2008**, *130*, 5586–5594. (Our herein proposed rearrangement of a species containing a Cu–O σ bond to the isomeric species containing a Cu–C σ bond was confirmed by the experimental work of Sadighi et al.)
4. "Boryl ligands and their roles in metal-catalyzed borylation reactions": L. Dang, Z. Lin, T. B. Marder, *Chem. Comm.* **2009**, 3987–3995. (Despite their three-coordinate centers, boryl ligands can often display nucleophilic, rather than electrophilic, behavior in various catalytic processes.)
5. "Interplay between Theory and Experiment: Computational Organometallic and Transition Metal Chemistry": Z. Lin, *Acc. Chem. Res.* **2010**, *43*, 602–611. (A number of examples based on our own work to illustrate how theory impacts the understanding of experimental results.)

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