

Jianwei Sun

Date of birth: February 4, 1979
Position: Assistant Professor, Department of Chemistry, The Hong Kong University of Science and Technology
E-mail: sunjw@ust.hk
Homepage: <http://sunlab.ust.hk>
Education: 1997–2001 BSc, Nanjing University
 2001–2004 MSc, Nanjing University
 2004–2008 PhD with Sergey A. Kozmin, University of Chicago
 2008–2010 Postdoctoral associate with Gregory C. Fu, Massachusetts Institute of Technology
Research: Synthetic chemistry; metal catalysis; organocatalysis; organic dyes for solar cells
Hobbies: Running, music



J. Sun

If I were not a scientist, I would be a peasant leading a carefree life.

My favorite food is Chinese chives stir-fried with egg.

The downside of my job is the many different deadlines.

My favorite song is *With an Orchid* (Yanni).

My favorite quote is “Chance favors the prepared mind” (Louis Pasteur).

I like refereeing because I am the first to find out about the science that is being reported.

The biggest problem that scientists face is to understand everything in nature at the molecular level.

When reviewing a manuscript, I first look for the justification for the work to be published in that specific journal.

If I won the lottery, I would not apply for any more grants.

When I'm frustrated, I do exercise.

The most important thing I learned from my parents is perseverance.

My favorite place on earth is home.

I lose track of time when sitting in front of my computer before going to sleep.

I can never resist laughing when telling a joke.

I celebrate success by going for a drink.

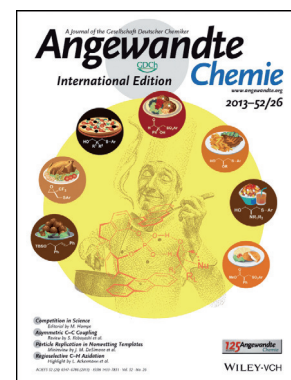
The author presented on this page has published more than **10 articles** in *Angewandte Chemie* in the last 10 years, most recently: “Highly Regio- and Stereoselective Hydrosilylation of Internal Thioalkynes under Mild Conditions”: S. Ding, L.-J. Song, Y. Wang, X. Zhang, L. W. Chung, Y.-D. Wu, J. Sun, *Angew. Chem. Int. Ed.* **2015**, *54*, 5632; *Angew. Chem.* **2015**, *127*, 5724.

My 5 top papers:

1. “Catalytic Enantioselective Intermolecular Desymmetrization of 3-Substituted Oxetanes”: Z. Wang, Z. Chen, J. Sun, *Angew. Chem. Int. Ed.* **2013**, *52*, 6685; *Angew. Chem.* **2013**, *125*, 6817. (Efficient assembly of densely functionalized three-carbon chiral building blocks with tertiary and quaternary stereocenters under mild conditions.)
2. “A New Strategy for Efficient Synthesis of Medium and Large Ring Lactones without High Dilution or Slow Addition”: W. Zhao, Z. Li, J. Sun, *J. Am. Chem. Soc.* **2013**, *135*, 4680. (An early example of an efficient intermolecular medium-sized lactone synthesis.)
3. “Complex Bioactive Alkaloid-Type Polycycles through Efficient Catalytic Asymmetric Multicomponent Alder–Diels Reaction of Indoles with Oxetane as Directing Group”: Z. Chen, B. Wang, Z. Wang, G. Zhu, J. Sun, *Angew. Chem. Int. Ed.* **2013**, *52*, 2027; *Angew. Chem.* **2013**, *125*, 2081. (Rapid assembly of complex heterocycles with excellent efficiency and selectivity.)
4. “Organocatalytic Enantio- and Diastereoselective Synthesis of 1,2-Dihydronaphthalenes from Isobenzopyrylium Ions”: H. Qian, W. Zhao, J. Sun, *J. Am. Chem. Soc.* **2015**, *137*, 560. (Asymmetric counterion-directed catalysis for general isobenzopyrylium ions.)
5. “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. Int. Ed.* **2012**, *51*, 10359; *Angew. Chem.* **2012**, *124*, 10505. (An efficient and regioselective fluorination to generate labile and challenging stereocenters.)

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The work of J. Sun has been featured on the cover of *Angewandte Chemie*: “Catalytic Enantioselective Intermolecular Desymmetrization of 3-Substituted Oxetanes”: Z. Wang, Z. Chen, J. Sun, *Angew. Chem. Int. Ed.* **2013**, *52*, 6685; *Angew. Chem.* **2013**, *125*, 6817.