



S.-L. You

The author presented on this page has recently published his **10th article** in *Angewandte Chemie* in the last 10 years:

"Asymmetric N-Allylation of Indoles through the Iridium-Catalyzed Allylic Alkylation/Oxidation of Indolines": W.-B. Liu, X. Zhang, L.-X. Dai, S.-L. You, *Angew. Chem.* **2012**, 124, 5273–5277; *Angew. Chem. Int. Ed.* **2012**, 51, 5183–5187.

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Education:	1996 BSc in chemistry, Nankai University 2001 PhD with Professor Li-Xin Dai, Shanghai Institute of Organic Chemistry 2001–2004 Postdoctoral fellow with Professor Jeffery W. Kelly, The Scripps Research Institute
Awards:	2007 Chinese Chemical Society–Wiley Young Chemist Award; 2008 Chinese Chemical Society Young Chemist Award; 2010 National Science Fund for Distinguished Young Scholars; Thieme Chemistry Journal Award; 2011 AstraZeneca Excellence in Chemistry Award
Current research interests:	Enantioselective C–H direct functionalization; asymmetric dearomatization; methodology for green chemistry
Hobbies:	Basketball, reading

I like refereeing because ... it is the only way to keep scientific publishing working.

The biggest problem that scientists face is ... distractions from outside science.

What I look for first in a publication is ... novelty.

The downside of my job is ... applying for grants.

If I won the lottery, I would ... stop applying for grants.

The most important thing I learned from my parents is ... to give, not to demand.

If I could have dinner with three famous scientists from history, they would be ... Fredrick G. Banting, Charles Best, and John J. R. Macleod.

And I would ask them ... about the discovery of insulin.

I chose chemistry as a career because ... at that time, I was enrolled in the Department of Chemistry, Nankai University by the university, not by me.

If I were not a scientist, I would be ... a linguist.

Guaranteed to make me laugh is ... an *ee* value of 99%.

My favorite food is ... noodles from my hometown (Henan province).

My 5 top papers:

1. "Asymmetric Construction of Polycyclic Indoles through Olefin Cross-Metathesis/Intramolecular Friedel–Crafts Alkylation under Sequential Catalysis": Q. Cai, Z.-A. Zhao, S.-L. You, *Angew. Chem.* **2009**, 121, 7564–7567; *Angew. Chem. Int. Ed.* **2009**, 48, 7428–7431. (Sequential catalysis by ruthenium species and chiral phosphoric acids was established.)
2. "Enantioselective Construction of Spiroindolenines by Ir-Catalyzed Allylic Alkylation Reactions": Q.-F. Wu, H. He, W.-B. Liu, S.-L. You, *J. Am. Chem. Soc.* **2010**, 132, 11418–11419. (Development of iridium-catalyzed asymmetric allylic dearomatization reactions.)
3. "Enantioselective Michael/Mannich Polycyclization Cascade of Indolyl Enones by Quinine-Derived Primary Amines": Q. Cai, C. Zheng, J.-W. Zhang, S.-L. You, *Angew. Chem.* **2011**, 123, 8824–8828; *Angew. Chem. Int. Ed.* **2011**, 50, 8665–8669. (An asymmetric-dearomatization-type Michael–Mannich polycyclization cascade.)
4. "Iridium-Catalyzed Allylic Vinylation and Asymmetric Allylic Amination Reactions with *ortho*-Aminostyrenes": K.-Y. Ye, H. He, W.-B. Liu, G. Helmchen, L.-X. Dai, S.-L. You, *J. Am. Chem. Soc.* **2011**, 133, 19006–19014. (Mechanistic studies on allylic vinylation reactions led to asymmetric allylic amination reactions.)
5. "Enantioselective Syntheses of Spiro Cyclopentane-1,3'-indoles and 2,3,4,9-Tetrahydro-1*H*-carbazoles by Iridium-Catalyzed Allylic Dearomatization and Stereospecific Migration": Q.-F. Wu, C. Zheng, S.-L. You, *Angew. Chem.* **2012**, 124, 1712–1715; *Angew. Chem. Int. Ed.* **2012**, 51, 1680–1683. (Observation of stereospecific migration of spiroindolenines to substituted 2,3,4,9-tetrahydro-1*H*-carbazoles.)

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