



J. You

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

“Gold-Catalyzed C(sp³)–H/C(sp)–H Coupling/Cyclization/Oxidative Alkynylation Sequence: A Powerful Strategy for the Synthesis of 3-Alkynyl Polysubstituted Furans”: Y. Ma, S. Zhang, S. Yang, F. Song, J. You, *Angew. Chem. Int. Ed.* **2014**, 53, 7870–7874; *Angew. Chem.* **2014**, 126, 8004–8008.

Jingsong You

Date of birth:	April 1, 1968
Position:	Vice Dean and Professor of Chemistry, College of Chemistry, Sichuan University
E-mail:	jsyou@scu.edu.cn
Education:	1985–1989 BS, Chongqing University 1992–1995 MS with Professor Zhongwei Lan, Sichuan University 1995–1998 PhD with Professor Rugang Xie, Sichuan University 1999–2000 Postdoctoral fellow with Professor Han-Mou Gau, National Chung Hsing University, Taiwan 2001–2002 Research scientist with Professor Detlef Heller, Leibniz Institute for Catalysis at the University of Rostock (LIKAT) 2002–2003 Postdoctoral fellow with Professor John Verkade, Iowa State University 2003–2004 Research Associate with Professor Zhibin Guan, University of California, Irvine
Awards:	2010 The First Class Prize of the Natural Science Awards, Ministry of Education of China; Distinguished Young Investigator Foundation (sponsored by The National Natural Science Foundation of China); 2013 Science and Technology Leader in Sichuan Province; 2014 Ten Thousands of People Plan (National Youth Science and Technology Innovation Talents)
Current research interests:	C–H-activation-based concepts and strategies for the synthesis of heteroarenes and organic optoelectronic materials; total synthesis of biologically active heteroaromatic natural products
Hobbies:	Reading, Chinese history, cooking, hiking

I admire ... people who do more and talk less.

If I could be anyone for a day, I would be ... a farmer and plant green vegetables.

My favorite saying is ... “The magic is inside you. There ain’t no crystal ball” (from the Dolly Parton song *These Old Bones*).

If I had one year of paid leave I would ... live by the sea and write a book.

If I could be a piece of lab equipment, I would be ... a round-bottom flask so I could “feel” the chemical reactions.

My favorite musician is ... Sarah Brightman (*Scarborough Fair* is my favorite).

My favorite book is ... *A Dream of Red Mansions* (a classic Chinese novel).

My motto is ... “How wide is your heart, the stage will have how old; how far is your dream, your achievements are high” (a Chinese proverb meaning those who have a bigger heart and higher aspirations are more likely to succeed).

If I could be described as an animal it would be ... a bird who flies freely in the sky.

My favorite drink is ... green tea.

My 5 top papers:

1. “Cation–Anion Interaction-Directed Molecular Design Strategy for Mechanochromic Luminescence”: G. Li, F. Song, D. Wu, J. Lan, X. Liu, J. Wu, S. Yang, D. Xiao, J. You, *Adv. Funct. Mater.* **2014**, 24, 747–753. (An important general tool for the design of organic mechanochromic luminescent materials.)
2. “Regiospecific N-Heteroarylation of Amidines to Full-Color-Tunable Boron Difluoride Dyes for Mechanochromic Luminescence”: D. Zhao, G. Li, D. Wu, X. Qin, P. Neuhaus, Y. Cheng, S. Yang, Z. Lu, X. Pu, C. Long, J. You, *Angew. Chem. Int. Ed.* **2013**, 52, 13676–13680; *Angew. Chem.* **2013**, 125, 13921–13925. (A modular route to rapidly assemble chromophores that possess diverse fluorescent characteristics.)
3. “Iron-Catalyzed Oxidative C–H/C–H Cross-Coupling: An Efficient Route to α -Quaternary α -Amino Acid Derivatives”: K. Li, G. Tan, J. Huang, F. Song, J. You, *Angew. Chem. Int. Ed.* **2013**, 52, 12942–12945; *Angew. Chem.* **2013**, 125, 13180–13183. (The coordinating activation strategy has been applied to oxidative functionalization of α -C_{sp³}–H bonds.)
4. “Highly Selective Fluorescent Recognition of Sulfate in Water by Two Rigid Tetrakisimidazolium Macrocycles with Peripheral Chains”: H. Zhou, Y. Zhao, G. Gao, S. Li, J. Lan, J. You, *J. Am. Chem. Soc.* **2013**, 135, 14908–14911. (The association constant in this system is $8.6 \times 10^9 \text{ M}^{-2}$, which is unprecedentedly high.)
5. “Palladium(II)-Catalyzed Oxidative C–H/C–H Cross-Coupling of Heteroarenes”: P. Xi, F. Yang, S. Qin, D. Zhao, J. Lan, G. Gao, C. Hu, J. You, *J. Am. Chem. Soc.* **2010**, 132, 1822–1824. (This twofold C–H activation provides an avenue to efficiently forge biheteroarene linkages.)

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