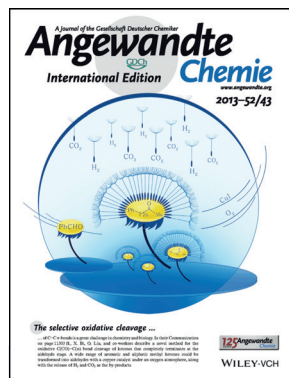




Q. Liu

The author presented on this page has published more than **10 articles** in *Angewandte Chemie* in the last 10 years, most recently: "Activation of α -Diazocarbonyls by Organic Catalysts: Diazo Group Acting as a Strong N-Terminal Electrophile": L. Li, J.-J. Chen, Y.-J. Li, X.-B. Bu, Q. Liu, Y.-L. Zhao, *Angew. Chem. Int. Ed.* **2015**, 54, 12107; *Angew. Chem.* **2015**, 127, 12275.



The work of Q. Liu has been featured on the inside cover of *Angewandte Chemie*: "Chemoselective Oxidative C(CO)–C(methyl) Bond Cleavage of Methyl Ketones to Aldehydes Catalyzed by CuI with Molecular Oxygen": L. Zhang, X. Bi, X. Guan, X. Li, Q. Liu, B.-D. Barry, P. Liao, *Angew. Chem. Int. Ed.* **2013**, 52, 11303; *Angew. Chem.* **2013**, 125, 11513.

Qun Liu

Date of birth: March 26, 1955
Position: Professor of Chemistry, Northeast Normal University
E-mail: liuqun@nenu.edu.cn
Education: 1982 BSc, Northeast Normal University
 1985 MSc with Xinfu Wang and Zhiyun Yang, Northeast Normal University
 1997 PhD with Jingfu Liu, Northeast Normal University
 1989 and 1998 Visiting Scholar with Philip J. Kocienski, University of Southampton and University of Glasgow
Research: Synthetic chemistry
Hobbies: Walking, swimming, cooking

If I had one year of paid leave I would go to Tibet.

My favorite author (science) is Linus Pauling.

My favorite painter is Zeduan Zhang because of his Qingming Scroll painted in the 11th century.

My favorite book is *The Nature of the Chemical Bond* (Linus Pauling).

My motto is "learn from nature".

When I was eighteen I wanted to be a writer.

The biggest challenge facing scientists is the origin of chirality.

Chemistry is fun because you can design new molecules and materials.

My first experiment was to dilute ink with water.

My favorite time of day is the morning.

The secret of being a successful scientist is curiosity, passion, and insistence.

My favorite structure is DNA.

My science "heroes" are Linus Pauling, George A. Olah, and Shizhen Li (who lived in the 16th century).

My 5 top papers:

1. "Domino Ring-Opening/Recyclization Reactions of Doubly Activated Cyclopropanes as a Strategy for the Synthesis of Furoquinoline Derivatives": Z. Zhang, Q. Zhang, S. Sun, T. Xiong, Q. Liu, *Angew. Chem. Int. Ed.* **2007**, 46, 1726; *Angew. Chem.* **2007**, 119, 1756. (A simple approach for the synthesis of furo[2,3-*b*]quinolines (found in many natural products) in a single step starting from readily available starting materials.)
2. "Tandem Double-Michael-Addition/Cyclization/Acyl Migration of 1,4-Dien-3-ones and Ethyl Isocyanacetate: Stereoselective Synthesis of Pyrrolizidines": J. Tan, X. Xu, L. Zhang, Y. Li, Q. Liu, *Angew. Chem. Int. Ed.* **2009**, 48, 2868; *Angew. Chem.* **2009**, 121, 2912. (The two rings of pyrrolizidines can be constructed in a single step from simple acyclic substrates, divinyl ketones, and ethyl isocyanacetate, under mild reaction conditions.)
3. "Facile [7C + 1C] Annulation as an Efficient Route to Tricyclic Indolizidine Alkaloids": X. Xu, L. Zhang, X. Liu, L. Pan, Q. Liu, *Angew. Chem. Int. Ed.* **2013**, 52, 9271; *Angew. Chem.* **2013**, 125, 9441. (The eight-membered carbocycle in tricyclic indolizidine alkaloids can be constructed via a [7C + 1C] annulation strategy using dialkenoyl ketene dithioacetals as the C7 1,7-dielectrophiles.)
4. "Recent developments of ketene dithioacetal chemistry": L. Pan, X. Bi, Q. Liu, *Chem. Soc. Rev.* **2013**, 42, 1251. (Ketene dithioacetals are versatile intermediates in organic synthesis because of the diverse transformations that they can undergo.)
5. "Polarity-Reversible Conjugate Addition Tuned by Remote Electronic Effects": Y. Li, X. Xu, J. Tan, P. Liao, J. Zhang, Q. Liu, *Org. Lett.* **2010**, 12, 244. (Remote electronic effects might be useful in designing reactions, such as Michael addition or Friedel–Crafts reactions.)

International Edition: DOI: 10.1002/anie.201510767
 German Edition: DOI: 10.1002/ange.201510767