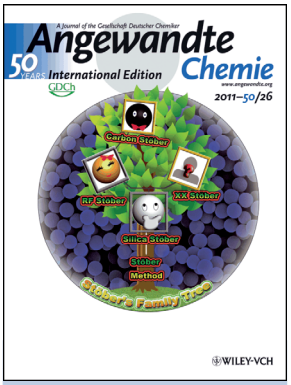
S.-Z. Qiao

*The author presented on this page has published more than **10 articles** in Angewandte Chemie in the last 10 years, most recently:*
"Phosphorus-Doped Graphitic Carbon Nitrides Grown In Situ on Carbon-Fiber Paper: Flexible and Reversible Oxygen Electrodes": T. Y. Ma, J. Ran, S. Dai, M. Jaroniec, S. Z. Qiao, *Angew. Chem. Int. Ed.* **2015**, *54*, 4646; *Angew. Chem.* **2015**, *127*, 4729.



The work of S. Z. Qiao has been featured on the inside cover of Angewandte Chemie:
"Extension of The Stöber Method to the Preparation of Monodisperse Resorcinol–Formaldehyde Resin Polymer and Carbon Spheres": J. Liu, S. Z. Qiao, H. Liu, J. Chen, A. Orpe, D. Zhao, G. Q. Lu, *Angew. Chem. Int. Ed.* **2011**, *50*, 5947; *Angew. Chem.* **2011**, *123*, 6069.

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Education:	1984 BE, Tianjin University 1990 ME, Tianjin University 2000 PhD with Xijun Hu, Hong Kong University of Science and Technology 2001–2004 Postdoctoral Fellow with Suresh Bhatia and Max Lu, University of Queensland
Awards:	**2004** Australian Postdoctoral Fellowship, Australian Research Council (ARC); **2009** Australian Research Fellowship from the ARC; **2013** ARC Discovery Outstanding Researcher Award (DORA); **2013** Emerging Researcher Award (Energy & Fuels Division of the American Chemical Society)
Current research interests:	Porous materials, carbon-based materials, nanostructured materials, electrocatalysis, photocatalysis, energy storage and conversion (fuel cells, batteries, supercapacitors, water-splitting cells), drug and gene delivery
Hobbies:	Hiking

My favorite painter is … Jan Vermeer.

The most important thing I learned from my students is … self-motivation.

The principal aspect of my personality is … I am dedicated to my career.

What I appreciate most about my friends is … their love and care for those around them.

My motto is … "Don't do unto others what you don't want others to do unto you" (己所不欲, 勿施于人; Confucius).

If I could be described as an animal it would be … a panda.

My favorite drink is … red wine from South Australia.

My favorite saying is … "One can be austere if he has no selfish desires" (无欲则刚).

My favorite time of day is … any time that I spend with my family.

I advise my students to … enjoy research and be happy.

My favorite way to spend a holiday is … traveling and hiking.

The secret of being a successful scientist is … a good work ethic.

My 5 top papers:

1. "Anatase TiO_2 single crystals with a large percentage of reactive facets": H. G. Yang, C. H. Sun, S. Z. Qiao, J. Zou, G. Liu, S. C. Smith, H. M. Cheng, G. Q. Lu, *Nature* **2008**, *453*, 638. (These crystals have a tremendous potential for use in solar cells and photocatalysis.)
2. "Nanoporous Graphitic-C_3N_4@Carbon Metal-Free Electrocatalysts for Highly Efficient Oxygen Reduction": Y. Zheng, Y. Jiao, J. Chen, J. Liu, J. Liang, A. Du, W. Zhang, Z. Zhu, S. C. Smith, M. Jaroniec, G. Q. Lu, S. Z. Qiao, *J. Am. Chem. Soc.* **2011**, *133*, 20116. (A good catalytic activity and superior methanol tolerance toward the oxygen reduction reaction compared to a commercial Pt/C catalyst.)
3. "Sulfur and Nitrogen Dual-Doped Mesoporous Graphene Electrocatalyst for Oxygen Reduction with Synergistically Enhanced Performance": J. Liang, Y. Jiao, M. Jaroniec, S. Z. Qiao, *Angew. Chem. Int. Ed.* **2012**, *51*, 11496; *Angew. Chem.* **2012**, *124*, 11664. (The excellent performance results from both the large number and the synergistic effect of the dopant heteroatoms.)
4. "Three-Dimensional N-Doped Graphene Hydrogel/NiCo Double Hydroxide Electrocatalysts for Highly Efficient Oxygen Evolution": S. Chen, J. Duan, M. Jaroniec, S. Z. Qiao, *Angew. Chem. Int. Ed.* **2013**, *52*, 13567; *Angew. Chem.* **2013**, *125*, 13812. (A promising candidate for the next generation of oxygen evolution reaction catalysts.)
5. "Hydrogen evolution by a metal-free electrocatalyst": Y. Zheng, Y. Jiao, Y. Zhu, H. Li, Y. Han, Y. Chen, A. Du, M. Jaroniec, S. Z. Qiao, *Nat. Commun.* **2014**, *5*, 3783. (Graphitic carbon nitride was coupled with nitrogen-doped graphene to produce a metal-free hybrid catalyst.)

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