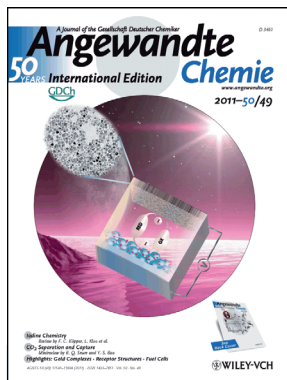


Z. Lin

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

“Strictly Biphasic Soft and Hard Janus Structures: Synthesis, Properties, and Applications”: X. Pang, C. Wan, M. Wang, Z. Lin, *Angew. Chem. Int. Ed.* **2014**, *53*, 5524–5538; *Angew. Chem.* **2014**, *126*, 5630–5644.



The work of Z. Lin has been featured on the cover of *Angewandte Chemie*: “Low-Cost Copper Zinc Tin Sulfide Counter Electrodes for High-Efficiency Dye-Sensitized Solar Cells”: X. Xin, M. He, W. Han, Z. Lin, *Angew. Chem. Int. Ed.* **2011**, *50*, 11739–11742; *Angew. Chem.* **2011**, *123*, 11943–11946; *Angew. Chem.* **2011**, *123*, 11943–11946.

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Position: Professor, School of Materials Science and Engineering, Georgia Institute of Technology
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Education: 1995 BS, Xiamen University
 1998 MS, Fudan University
 2002 PhD with Tom Russell, University of Massachusetts, Amherst
 2002–2004 Postdoctoral research associate with Steve Granick, University of Illinois at Urbana-Champaign
Awards: **2002** Frank J. Padden Jr. Award in Polymer Physics, American Physical Society;
2006 3M Non-tenured Faculty Award; **2009** NSF CAREER Award; Young Engineering Faculty Research Award, College of Engineering, Iowa State University; **2010** Iowa State University Award for Early Achievement in Research
Current research interests: Polymer-based nanocomposites; block copolymers; polymer blends; conjugated polymers; quantum dots; functional nanocrystals with different architectures; solar cells; hierarchically structured and assembled materials; and surface and interfacial properties
Hobbies: Running, playing badminton, practicing Tai Chi and Taekwondo

In a spare hour, I ... exercise on the treadmill.

My motto is ... “be low-key, work high-key”.

My favorite saying is ... “Honing gives a sharp edge to a sword, and bitter cold adds keen fragrance to plum blossom” (an ancient Chinese proverb meaning that everything is made upon continuous hardship and efforts).

If I could be any age I would be ... 2 years old.

I advise my students to ... just do your best.

My favorite way to spend a holiday is ... climbing in Stone Mountain State Park.

My science “heroes” are ... Albert Einstein and Richard Feynman.

If I had one year of paid leave I would ... visit as many European countries as possible.

The most important thing I learned from my students is ... no question is stupid.

The principal aspect of my personality is ... perseverance.

My favorite drink is ... oolong tea.

My 5 top papers:

1. “Self-Assembly of Gradient Concentric Rings via Solvent Evaporation from a Capillary Bridge”: J. Xu, J. Xia, S. W. Hong, Z. Lin, F. Qiu, Y. Yang, *Phys. Rev. Lett.* **2006**, *96*, 066104. (Concentric coffee-ring-like deposits were created with unprecedented regularity in a restricted geometry.)
2. “Organic–Inorganic Nanocomposites Prepared by Grafting Conjugated Polymers onto Quantum Dots”: J. Xu, J. Wang, M. Mitchell, P. Mukherjee, M. Jeffries-EL, J. W. Petrich, Z. Lin, *J. Am. Chem. Soc.* **2007**, *129*, 12828–12833. (Nanocomposites with enhanced charge transfer from conjugated polymers to quantum dots for use in hybrid solar cells.)
3. “High Efficiency Dye-Sensitized Solar Cells Based on Hierarchically Structured Nanotubes”: M. Ye, X. Xin, C. Lin, Z. Lin, *Nano Lett.* **2011**, *11*, 3214–3220. (Nanotubes composed of nanoparticles with reduced crystal size for use in solar cells with markedly improved performance.)
4. “Semiconductor Anisotropic Nanocomposites Obtained by Directly Coupling Conjugated Polymers with Quantum Rods”: L. Zhao, X. Pang, R. Adhikary, J. W. Petrich, Z. Lin, *Angew. Chem. Int. Ed.* **2011**, *50*, 3958–3962; *Angew. Chem.* **2011**, *123*, 4044–4048. (Placing conjugated polymers in intimate contact with quantum rods let to improved charge transfer.)
5. “A general and robust strategy for the synthesis of nearly monodisperse colloidal nanocrystals”: X. Pang, L. Zhao, W. Han, X. Xin, Z. Lin, *Nature Nanotech* **2013**, *8*, 426–431. (A remarkably versatile strategy using judiciously designed and synthesized starlike block copolymers as nanoreactors.)

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