



Z. Tang

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

“Optically Active Nanostructured ZnO Films”: Y. Duan et al., *Angew. Chem. Int. Ed.* **2015**, 54, 15170; *Angew. Chem.* **2015**, 127, 15385.



The work of Z. Tang has been featured on the inside back cover of *Angewandte Chemie*:

“Ultratough Artificial Nacre Based on Conjugated Cross-linked Graphene Oxide”: Q. Cheng, M. Wu, M. Li, L. Jiang, Z. Tang, *Angew. Chem. Int. Ed.* **2013**, 52, 3750; *Angew. Chem.* **2013**, 125, 3838

## Zhiyong Tang

<b>Date of birth:</b>	March 25, 1971
<b>Position:</b>	Professor, National Center for Nanoscience and Technology, Beijing
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<b>Education:</b>	1993 BSc, Wuhan University 1999 PhD supervised by Erkang Wang, Chinese Academy of Sciences 2000–2001 Postdoctoral research with Roel Prins, ETH Zurich 2001–2006 Postdoctoral research with Nicholas A. Kotov, University of Michigan
<b>Awards:</b>	<b>2014</b> Fellow of the Royal Society of Chemistry (RSC); <b>2015</b> RSC Inorganic Chemistry Frontiers Award for Outstanding Young Scientist
<b>Research:</b>	Chiral nanostructures; nanoscale metal–organic frameworks; self-assembly mechanisms
<b>Hobbies:</b>	Playing soccer; enjoying food; drinking wine

**If I could be a piece of lab equipment, I would be** a centrifuge.

**The** greatest scientific advance of the last decade was 3D printing.

**In** the future I see myself devoting more of my time to my family.

**My** favorite author (science) is Linus Pauling.

**My** favorite painter is Beihong Xu, a traditional Chinese painter.

**My** favorite musician is Faye Wong, a Chinese singer.

**My** motto is “God helps those who help themselves”.

**If** I could be described as an animal it would be a pig, simply because I was born in the Chinese year of the pig.

**I** am waiting for the day when someone will discover the origin of chirality.

**Young** people should study chemistry because it is the best way to become a good cook!

**Last** time I went to the pub I sang and danced with my German friends.

**The** most significant historic event of the past 100 years was the moon landings.

**If** I could be anyone for a day, I would be Arsène Wenger, manager of Arsenal Football Club.

**My** favorite saying is “The less you expect, the more pleasant life gets”.

### My 5 top papers:

1. “A Temperature-Driven Reversible Phase Transfer of 2-(Diethylamino)ethanethiol-Stabilized CdTe Nanoparticles”: B. Qin, Z. Zhao, R. Song, S. Shanbhag, Z. Tang, *Angew. Chem. Int. Ed.* **2008**, 47, 9875; *Angew. Chem.* **2008**, 120, 10023. (Interactions at the nanoscale, such as hydrophilic/hydrophobic forces, are clearly different from those at the molecular level.)
2. “Self-assembly of self-limiting, monodisperse supraparticles from polydisperse nanoparticles”: Y. Xia, T. D. Nguyen, M. Yang, B. Lee, A. Santos, P. Podsiadlo, Z. Tang, S. C. Glotzer, N. A. Kotov, *Nature Nanotechnology* **2011**, 6, 580. (Organization of nonuniform nanoparticle building blocks into uniform assemblies.)
3. “Optical Coupling between Chiral Biomolecules and Semiconductor Nanoparticles: Size-Dependent Circular Dichroism Absorption”: Y. Zhou, Z. Zhu, W. Huang, W. Liu, S. Wu, X. Liu, Y. Gao, W. Zhang, Z. Tang, *Angew. Chem. Int. Ed.* **2011**, 50, 11456; *Angew. Chem.* **2011**, 123, 11658. (The excitonic circular dichroism response could be tuned by varying the size of the quantum dots.)
4. “Reversible Plasmonic Circular Dichroism of Au Nanorod and DNA Assemblies”: Z. Li, Z. Zhu, W. Liu, Y. Zhou, B. Han, Y. Gao, Z. Tang, *J. Am. Chem. Soc.* **2012**, 134, 3322. (The plasmonic circular dichroism response was greatly enhanced after the formation of chiral assemblies.)
5. “Core–Shell Palladium Nanoparticle@Metal–Organic Frameworks as Multifunctional Catalysts for Cascade Reactions”: M. Zhao, K. Deng, L. He, Y. Liu, G. Li, H. Zhao, Z. Tang, *J. Am. Chem. Soc.* **2014**, 136, 1738. (High-performance catalysts could be used to obtain high-added-value products.)

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