



X.-M. Chen

Xiao-Ming Chen

Date of birth:	October 5, 1961
Position:	Professor, Sun Yat-Sen University (SYSU), Guangzhou
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Education:	1983 BSc SYSU 1986 MSc supervised by Prof. Hai-Fu Fan, SYSU 1992 PhD supervised by Prof. Thomas C. W. Mak
Awards:	2007 National Natural Science Prize of China; 2010 Fu Lan (芙兰) Award, Sun Yat-Sen University; 2012 TWAS Prize in Chemistry, The World Academy of Sciences
Current research interests:	Functional coordination polymers; metal–organic frameworks; functional coordination compounds; hydro(solvo)thermal chemistry of coordination complexes
Hobbies:	Badminton, playing cards

The author presented on this page has published more than **10 articles** in *Angewandte Chemie* in the last 10 years, most recently:

“Switchable Guest Molecular Dynamics in a Perovskite-Like Coordination Polymer toward Sensitive Thermoresponsive Dielectric Materials”: Z.-Y. Du, T.-T. Xu, B. Huang, Y.-J. Su, W. Xue, C.-T. He, W.-X. Zhang, X.-M. Chen, *Angew. Chem. Int. Ed.* **2014**, DOI: 10.1002/anie.201408491; *Angew. Chem.* **2014**, DOI: 10.1002/ange.201408491.

My favorite composer is ... Wolfgang Amadeus Mozart.

I advise my students to ... work hard and be thoughtful.

I get advice from ... my family, friends, and mentors.

The most important thing I learned from my students is ... that more encouragement is much better than criticism.

What I appreciate most about my friends is ... their support and encouragement when I was frustrated in my career.

My motto is ... work hard, persevere, and be optimistic.

When I was eighteen I wanted to be ... a teacher.

If I could be described as an animal it would be ... an ox ploughing the fields.

The biggest challenge facing scientists is ... to convince the public of the importance of science and basic science research.

Chemistry is fun because ... of the beautiful molecular and crystal structures, and the expected and unexpected reactions that are encountered.

My favorite drinks are ... tea and wine.

My 5 top papers:

1. “Ligand-Directed Strategy for Zeolite-Type Metal–Organic Frameworks: Zinc(II) Imidazoles with Unusual Zeolitic Topologies”: X.-C. Huang, Y.-Y. Lin, J.-P. Zhang, X.-M. Chen, *Angew. Chem. Int. Ed.* **2006**, *45*, 1557–1559; *Angew. Chem.* **2006**, *118*, 1587–1589. (An approach to zeolitic metal–organic frameworks based on imidazolate ligands.)
2. “A ‘Star’ Antiferromagnet: A Polymeric Iron(III) Acetate Exhibiting the Coexistence of Spin Frustration and Long-Range Magnetic Order”: Y.-Z. Zheng, M.-L. Tong, W. Xue, W.-X. Zhang, X.-M. Chen, F. Grandjean, G. J. Long, *Angew. Chem. Int. Ed.* **2007**, *46*, 6076–6080; *Angew. Chem.* **2007**, *119*, 6188–6192. (A “star” antiferromagnet comprising triangular $\{\text{Fe}_3(\mu_3\text{-O})\}$ clusters bridged by acetate ligands.)
3. “Copper(I) 1,2,4-Triazoles and Related Complexes: Studies of the Solvothermal Ligand Reactions, Network Topologies, and Photoluminescence Properties”: J.-P. Zhang, Y.-Y. Lin, X.-C. Huang, X.-M. Chen, *J. Am. Chem. Soc.* **2005**, *127*, 5495–5506. (An in-depth study of a reaction that transforms organonitriles and ammonia directly to triazoles.)
4. “Exceptional Framework Flexibility and Sorption Behavior of a Multifunctional Porous Cuprous Triazolate Framework”: J.-P. Zhang, X.-M. Chen, *J. Am. Chem. Soc.* **2008**, *130*, 6010–6017. (Design and verification of a new type of framework flexibility, which is kinetically controlled by thermal motions of flexible pendant groups.)
5. “Geometry analysis and systematic synthesis of isotreticular open frameworks with a unique topology”: Y.-B. Zhang, H.-L. Zhou, R.-B. Lin, C. Zhang, J.-B. Lin, J.-P. Zhang, X.-M. Chen, *Nature Commun.* **2012**, *3*, DOI: 10.1038/ncomms1654. (This approach allows the prediction of the synthetic feasibility and framework stability of certain metal–organic frameworks.)

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