

## Professor XU Qiang

College	College of Chemistry & Chemical Engineering
Current Position	Professor
Types of Tutor	Doctoral Tutor
Language	Chinese/English
Education	1988—1990, Osaka University, Master 1990—1994, Osaka University, Ph.D.
Research Interests	Chemistry of Nanostructured Materials and their Applications
Selected Publications	<p>[1] Xinchun Yang, Jian-Ke Sun, Mitsunori Kitta, Huan Pang, Qiang Xu*, Encapsulating highly catalytically active metal nanoclusters inside porous organic cages, <i>Nature Catalysis</i>, <b>2018</b>, 1, 214-220.</p> <p>[2] Ruo Zhao, Zibin Liang, Song Gao, Ce Yang, Bingjun Zhu, Junliang Zhao, Chong Qu, Ruqiang Zou,* <b>Qiang Xu*</b>, Puffing up Energetic Metal-organic Frameworks to Large Carbon Networks with Hierarchical Porosity and Atomically Dispersed Metal Sites, <i>Angew. Chem. Int. Ed.</i>, <b>2018</b>, 58, 1975-1979.</p> <p>[3] Lianli Zou, Chunchao Hou, Zheng Liu, Huan Pang, <b>Qiang Xu*</b>. Superlong single-crystal metal-organic framework nanotubes[J]. <i>Journal of the American Chemical Society</i>, <b>2018</b>, 140, 15393-15401.</p> <p>[4] Yong-Sheng Wei, Mei Zhang, Mitsunori Kitta, Zheng Liu, Satoshi Horike, <b>Qiang Xu*</b>, A Single-Crystal Open-Capsule Metal–Organic Framework, <i>J. Am. Chem. Soc.</i>, <b>2019</b>, 141, 19, 7906-7916.</p> <p>[5] Lianli Zou, Mitsunori Kitta, Jinhua Hong, Kazutomo Suenaga, Nobuko Tsumori, Zheng Liu, <b>Qiang Xu*</b>, Fabrication of a Spherical Superstructure of Carbon Nanorods, <i>Adv. Material</i>. <b>2019</b>, 31, 1900400.</p>
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