

Professor HAN Ying

College	College of Chemistry & Chemical Engineering
Current Position	Professor
Types of Tutor	Doctoral Tutor
Language	Chinese/English
Education	Medicinal chemistry PhD
Research Interests	Organic chemistry Supramolecular chemistry
Selected Publications	<ol style="list-style-type: none">1. Construction and single crystal structures of pseudo[1]rotaxanes based on pillar[5]arene mono-pyridylimine derivatives. Shuo Jiang, Ying Han*, Jing Sun, Chao-Guo Yan*. Tetrahedron. 2017, 73, 5107-5114.2. Single crystal structures and complexing properties of some copillar[5]arene mono-Schiff bases. Gui-Fei Huo Ying Han*, Jing Sun, Chao-Guo Yan*. J Incl Phenom. Macrocycl. Chem., 2016, 86, 231-240.3. Synthesis and crystal structures of meso-substituted calix[4]pyrrole mono-Schiff bases and transition metal complexes. Ying Han*, Juan-Juan Sun, Gen-Liang Wang, Chao-Guo Yan. J Incl Phenom. Macrocycl. Chem., 2015, 81, 215-224.4. Convenient Synthesis of TriphenylphosphanylideneSpiro[cyclopentane-1,3'-indolines] and Spiro[cyclopent[2]ene-1,3-indolines] via Three-Component Reactions. Ying Han*, Yin-Jian Sheng, Chao-Guo Yan*. Organic Letters. 2014, 16, 2654-2657.5. Convenient synthesis of 1a,1b,2,5-tetrahydro-1H-5a-aza-cyclopropa[a]indenes by base promoted cyclodimerization of 1,1-dicyano-2-aryl-3-benzoylcyclopropanes. Ying Han*, Wan-Quan Tang, Ling-Yu Guo, Chao-Guo Yan*. Tetrahedron. 2014, 70, 6663-6668.6. Microporous Organic Polymers with Ketal Linkages: Synthesis, Characterization, and Gas Sorption Properties. Ying Han, Li-Min Zhang, Yan-Chao Zhao, Tao Wang, Bao-Hang Han*. ACS Appl. Mater. Interfaces. 2013, 5, 4166-4172.7. Synthesis and crystal structure of

	<p>15α,20α-di(4-hydroxyphenyl)calix[4]pyrroles and 10α,20β-di(4-hydroxyphenyl)-calix[4]pyrroles. Ying Han*, Gen-Liang Wang, Juan-Juan Sun, Jing Sun, Chao-Guo Yan*. <i>Tetrahedron</i>. 2013, 69, 10604-10609.</p> <p>8. Synthesis of a Novel Surfactant with Two Alkyl Tail-Chains (DDOBA) and Fabrication of Hydrophobic Gold Nanoparticles with High Monodispersity. Han Ying*, Zhu Lu, Shen Ming*, Li Heng-Heng. <i>Acta Phys. Chim. Sin.</i> 2013, 29 (1), 131-138.</p> <p>9. Microporous Polycarbazole with High Specific Surface Area for Gas Storage and Separation. Qi Chen, Min Luo, Peter Hammershøj, Ding Zhou, Ying Han, Bo Wegge Laursen, Chao-Guo Yan*, Bao-Hang Han*. <i>J. Am. Chem. Soc.</i> 2012, 134, 6084–6087.</p> <p>10. Synthesis of zwitterionic salts via three-component reactions of pyridacylpyridinium iodide, aromatic aldehydes, and Meldrum acid or N,N-dimethylbarbituric acid. Ying Han, Jiao Chen, Li Hui, Chao-Guo Yan*. <i>Tetrahedron</i>, 2010, 66, 7743-7748.</p>
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