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苗体方，男，教授，中山大学理学博士，硕士研究生导师，淮北师范大学党外知识分子联谊会副会长。主要从事过渡金属配合物与DNA相互作用性质、过渡金属配合物对DNA的损伤及抗癌药物构效关系的理论研究，主持及参与国家自然科学基金和省级项目6项。公开发表相关论文四十多篇，其中三十多篇被SCI收录，国际重要杂志Inorg.chem., Comput. Theor. Chem.等期刊的审稿人。

近年来部分论文：

1. **Ti - Fang Miao***, Jun Li, Shuang Li, Na - Li Wang, Theoretical Studies on DNA - photocleavage Efficiency and Mechanism of Functionalized Ru(II) Polypyridyl Complexes. *J. Phys. Chem. A.* **2014**, 118, 5692-5699.

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3. **Ti - Fang Miao***, Shuang Li, Jin-Can Chen, Fang Ma, Kang - Cheng Zheng, Theoretical studies on DNA - photocleavage efficiencies and mechanisms of Ru(II) polypyridyl complexes. *J. Biol. Inorg. Chem.* **2012**, 17, 1177-1185.

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5. **Ti - Fang Miao***, Shuang Li, Quan Chen, Na - Li Wang, Kang-Cheng Zheng, Probing DNA photocleavage Efficiencies of Ru(II) Polypyridyl Complexes: Theoretical calculation of redox potentials. *Inorg. Chim. Acta.* **2013**, 407, 37-40.

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7. **Ti - Fang Miao**, Jun Li, Yu - Ting Lu, Kang - Cheng Zheng, Effect of Ancillary Ligands on the Electronic Structures, DNA-binding and Spectral Properties of [Ru(L)₂(atatp)]²⁺ (L=phen, bpy, dmp, tfp). *Asian J. Chem.* **2012**, 24, 2891-2898.

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10. **Ti-Fang Miao**, Si-Yan Liao, Li Qian, Kang-Cheng Zheng, Liang-Nian Ji. Electronic Structures, DNA-binding and Spectral Properties of Co(III) Complexes $[Co(bpy)_2(L)]^{3+}$ ($L=$ pip, odhip, hnoip). *Biophys.Chem.* **2009**, 140, 1-8.
11. Si-Yan Liao, Li Qian, **Ti-Fang Miao**, Hai-Liang Lu, Kang-Cheng Zheng. CoMFA and docking studies of 2-phenylindole derivatives with anticancer activity. *Eur. J. Med. Chem.* **2009**, 44, 2822-2827.
12. **Ti-Fang Miao***, Shuang Li, Jin-hua Cai. Theoretical Study on Magnetic and Spectral Properties of Binuclear Copper(II) Complexes. *J. Mol. Struct. (THEOCHEM)*. **2008**, 855, 45-51.
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14. **Ti-Fang Miao***, Shuang Li. Theoretical Study on Magnetic Coupling Interactions of the Binuclear Copper(II) Complexes. *Indian J. Chem. A* **2008**, 47, 695-698.
15. **Miao Ti-Fang***, Zhang Jian-Fu, Li Shuang. TD-DFT Study Pyrazoline Derivatives. *Chinese J.Struct.Chem.* **2005**, 24, 1169-1175.
16. 苗体方*, 陈建, 李双。N,N' -双(3-羧基水杨醛叉缩胺乙基)草酰胺均双核铜(II)的密度泛函研究. *无机化学学报* **2006**, 22, 511-514.

所授课程:

讲授本科生《结构化学》、《物理化学》，硕士研究生《量子化学》和《量子化学与群论》等课程。

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