



中山大学中法核工程与技术学院

Institut franco-chinois de l'énergie nucléaire université Sun Yat-sen

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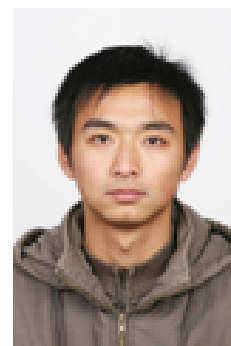
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教育经历

- 2008.09 – 2013.07 清华大学, 化学, 理学博士
- 2011.12 – 2012.11 赫尔辛基大学, 理论与计算化学
- 2005.09 – 2008.07 中国矿业大学, 物理化学, 理学硕士
- 2001.09 – 2005.07 中国矿业大学, 应用化学, 理学学士

工作经历

2018.04 – 2018.12 名古屋大学, ITbM研究员
2017.10 – 2018.03 分子科学研究所 (日本), 分子科学研究所 (IMS) 研究员
2016.04 – 2017.03 分子科学研究所 (日本), 日本学术振兴会 (JSPS) 研究员
2013.08 – 2017.09 中国科学院上海应用物理研究所, 助理研究员

研究方向

理论与计算化学, 铜系化学

国家自然科学基金青年项目

含氮杂环钷(III)配合物电子结构与化学成键的理论研究 (No. 21501189), 项目负责人

文章著作

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11. Cong-Qiao Xu, **Xiao-Gen Xiong**, Wan-Lu Li, and Jun Li^{*}. Periodicity and Covalency of $[\text{MX}_2]^-$ (M = Cu, Ag, Au, Rg; X = H, Cl, CN) Complexes. *European Journal of Inorganic Chemistry*, 2016, 1395 – 1404.

12. Xiaojing Guo^{*}, **Xiao-Gen Xiong**, Cheng Li, Hengfeng Gong, Ping Huai, Jiangtao Hu, Chan Jin, Liangliang Huang and Guozhong Wu^{*}. DFT investigations of uranium complexation with amidoxime-, carboxyl- and mixed amidoxime/carboxyl-based host architectures for sequestering uranium from seawater. *Inorganica Chimica Acta*, 2016, 441, 117 - 125.

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15. **Xiao-Gen Xiong**, Wenhua Xu, Jun Li^{*} and Pekka Pyykkö^{*}. Aspects of bonding in small gold clusters. *International Journal of Mass Spectrometry*, 2013, 354-355, 15-18.

16. Hong-Tao Liu, **Xiao-Gen Xiong**, Phuong Diem Dau, Yi-Lei Wang, Dao-Ling Huang, Jun Li^{*} and Lai-Sheng Wang^{*}. Probing the Nature of Au-C bonding in Alkynyl-Gold(I) Complexes. *Nature Communications*, 2013, doi:10.1038/ncomms3223.

17. **Xiao-Gen Xiong** and Pekka Pyykkö^{*}. Unbridged Au(II)-Au(II) bonds are theoretically allowed. *Chemical Communications*, 2013, 49, 2103-2105.

18. Chuan-Gang Ning, **Xiao-Gen Xiong**, Yi-Lei Wang, Jun Li^{*} and Lai-Sheng Wang^{*}. Probing the electronic structure and chemical bonding of the "staple" motifs of thiolate gold nanoparticles: $\text{Au}(\text{SCH}_3)_2^-$ and $\text{Au}_2(\text{SCH}_3)_3^-$. *Physical Chemistry Chemical Physics*, 2012, 14, 9323-9329.

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