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【在研科研项目】

1. 国家自然科学基金面上项目，非晶合金原子结构的本征特性及形变的微观机制 (51271212)，2013年-2016年
2. 教育部新世纪优秀人才支持计划，材料短流程制备与成形加工的科学技术基础 (NCET-13-0663)，2013年-2016年
3. 中央高校基本科研业务费，多孔高熵合金的制备与性能研究 (FRF-TP-14-009C1)，2014年-2016年

【代表性学术论文】

1. C. Y. Yu, **X. J. Liu***, J. Lu, G. P. Zheng, and C. T. Liu*, First-principles prediction and experimental verification of glass-forming ability in Zr-Cu binary metallic glasses. *Scientific Reports*, 2013. 3: 2124.
2. F. Li, **X. J. Liu***, and Z. P. Lu, Atomic structural evolution during glass formation of a Cu-Zr binary metallic glass. *Computational Materials Science*, 2014. 85(0): 147-153.
3. R. Li, **X. J. Liu**, H. Wang, Y. Wu, X. M. Chu, and Z.P. Lu*, Nanoporous silver with tunable pore characteristics and superior surface enhanced Raman scattering. *Corrosion Science*, 2014. 84(0): p. 159-164.



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【Publications】

1. C. Y. Yu, **X. J. Liu***, J. Lu, G. P. Zheng, and C. T. Liu*, First-principles prediction and experimental verification of glass-forming ability in Zr-Cu binary metallic glasses. *Scientific Reports*, 2013. 3: 2124.
2. F. Li, **X. J. Liu***, and Z. P. Lu, Atomic structural evolution during glass formation of a Cu-Zr binary metallic glass. *Computational Materials Science*, 2014. 85(0): 147-153.
3. R. Li, **X. J. Liu**, H. Wang, Y. Wu, X. M. Chu, and Z.P. Lu*, Nanoporous silver with tunable pore characteristics and superior surface enhanced Raman scattering. *Corrosion Science*, 2014. 84(0): p. 159-164.