

A. SCI Journal papers with acknowledgment to NTU-CC.

1. Tay-Rong Chang, Horng-Tay Jeng, and Chen-Shiung Hsue, "Electronic structures of quasi-one-dimensional ferrimagnetic insulator $\text{Ca}_3\text{Co}_2\text{O}_6$ ", *Comput. Phys. Comm.* 182, 93 (2011).
2. Horng-Tay Jeng, Hong-Shi Kuo, Ing-Shouh Hwang, and Tien T. Tsong, "High stability and electronic structures of noble-metal covered W(111) atom perfect pyramidal tips", *Phys. Rev. B* 81, 155424 (2010).
3. Woei Wu Pai, H. T. Jeng, C.-M. Cheng, C.-H. Lin, Xudong Xiao, Aidi Zhao, Xieqiu Zhang, XU Geng, X. Q. Shi, M. A. Van Hove, C. -S. Hsue, K.-D. Tsuei, "Optimal electron doping of a C60 monolayer on Cu(111) via interface reconstruction", *Phys. Rev. Lett.* 104, 036103 (2010).
4. Pao-An Lin, Horng-Tay Jeng, and Chen-Shiung Hsue, "Electronic structure and orbital ordering of $\text{SrRu}_{(1-x)}\text{Ti}_x\text{O}_3$: GGA+U investigations", *Phys. Rev. B* 77, 085118 (2008).