Morphology Evolution of Cu_2O Nanocrystals in an Acid Solution: Stability of Different Crystal Planes

*Qing Hua,[1,2,3] Daili Shang,[3] Wenhua Zhang,[2,4] Kai Chen,[2,4] Sujie Chang,[1,2,3] Yunsheng Ma,[3] Zhiquan Jiang[1], Jinlong Yang[1,3] and Weixin Huang[1,2,3]**

[1]Hefei National Laboratory for Physical Sciences at the Microscale, [2]CAS Key Laboratory of Materials for Energy Conversion, [3]Department of Chemical Physics, [4]Department of Materials Science and Engineering, University of Science and Technology of China, Hefei 230026, China

* To whom all correspondence should be addressed. Fax: + 86-551-3600437; E-mail: huangwx@ustc.edu.cn.

Supporting Information

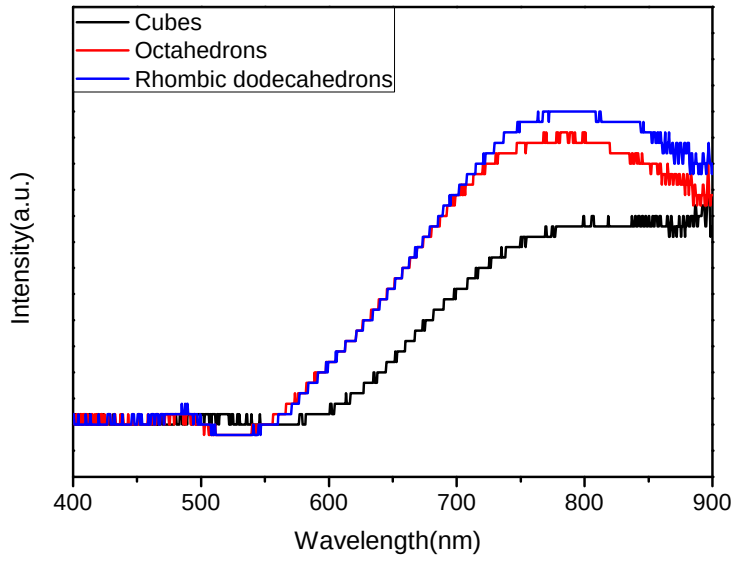

Figure S1. UV-vis spectra of the solutions taken at 150 min after removal of the Cu_2O nanocrystals by centrifugation.

Reference

(2) Orr, J. C.; Fabry, V. J.; Aumont, O.; Bopp, L.; Doney, S. C.; Feely, R. A.; Gnanadesikan, A.; Gruber, N.; Ishida, A.; Joos, F.; Key, R. M.; Lindsay, K.; Maier-Reimer, E.; Matear, R.; Monfray, P.; Mouchet, A.; Najjar, R. G.; Plattner, G.-K.; Rodgers, K. B.; Sabine, C. L.; Sarmiento, J. L.; Schlitzer, R.; Slater, R. D.; Totterdell, I. J.; Weirig, M.-F.; Yamanaka, Y.; Yool, A. *Nature* **2005**, *437*, 681.