

---

**Supplementary Material (ESI) for CrystEngComm**  
**This journal is (c) The Royal Society of Chemistry 2012**

**Electronic Supplementary Information (ESI)**

**Cubic nickel frames: one-pot synthesis, magnetic properties and application in water treatment**

**Jian Yao Zheng, Xi Wang, Wei Li, Zongwei Cao, Hao Wang, Chuang Zhang,  
Wei-Guo Song, Ying Ma,\* and Jiannian Yao\***

Beijing National Laboratory for Molecular Sciences (BNLMS), Key Laboratory of Photochemistry, Institute of Chemistry, Chinese Academy of Sciences, Zhongguancun, Beijing, 100190, P. R. China.

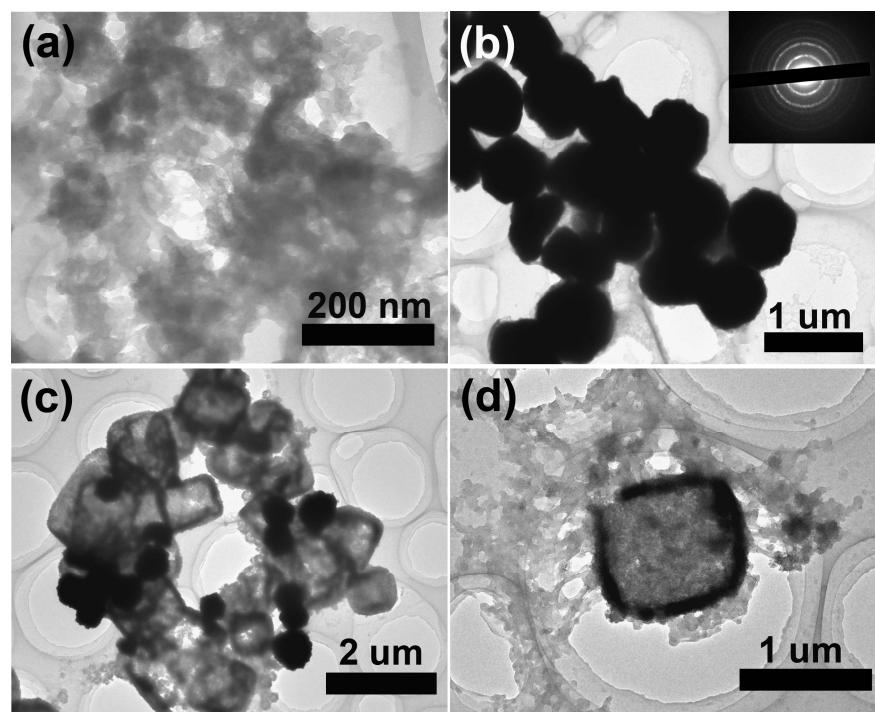
E-mail: (J. Y.) jnyao@iccas.ac.cn; (Y. M.) yingma@iccas.ac.cn

Fax: +86-10-82616517; Tel: +86-10-82616517

---

**Supplementary Material (ESI) for CrystEngComm**

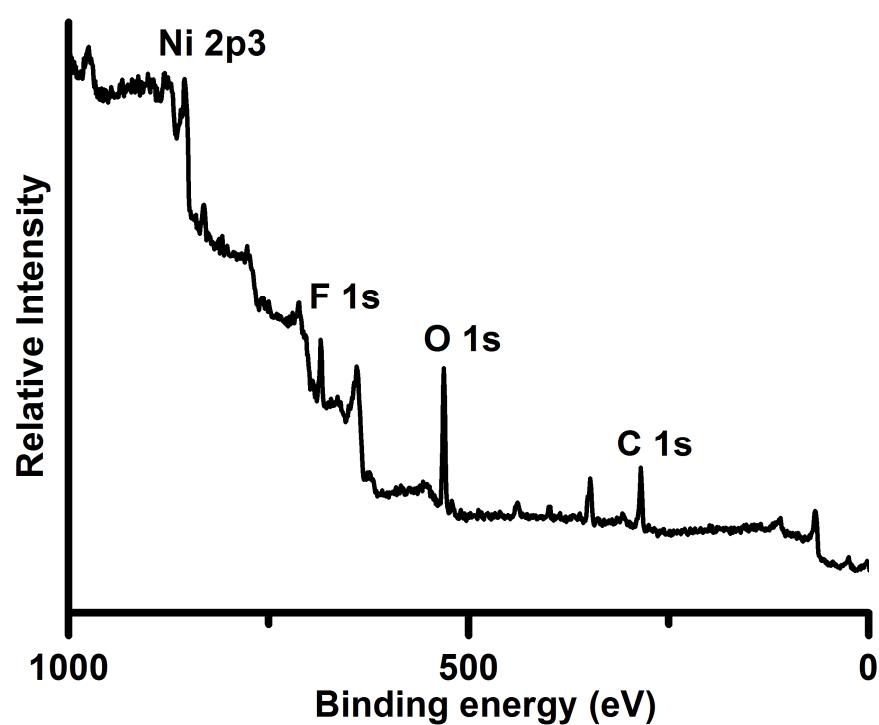
This journal is (c) The Royal Society of Chemistry 2012



**Fig. S1** TEM images of as-prepared products with the reaction time of (a) 1 h; (b) 2 h, inset: SAED pattern of a nickel cube; (c) 4 h; (d) 12 h.

---

**Supplementary Material (ESI) for CrystEngComm**  
**This journal is (c) The Royal Society of Chemistry 2012**



**Fig. S2** XPS spectrum of nickel products obtained at 6 h.