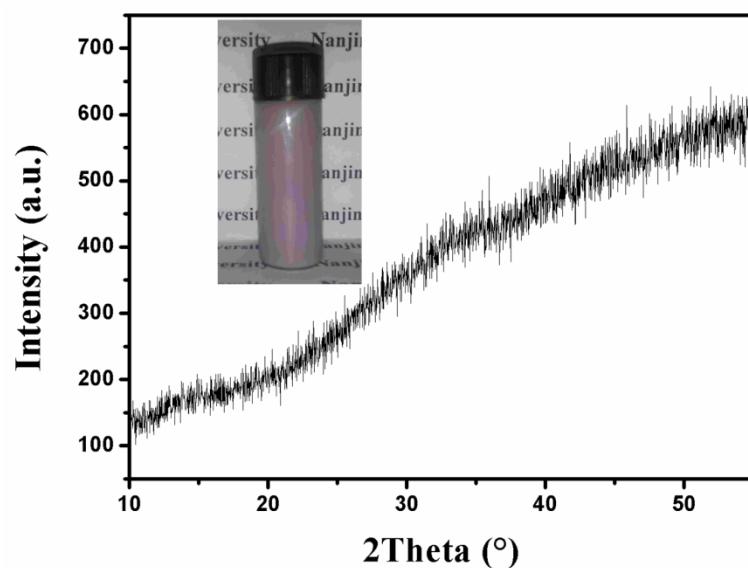


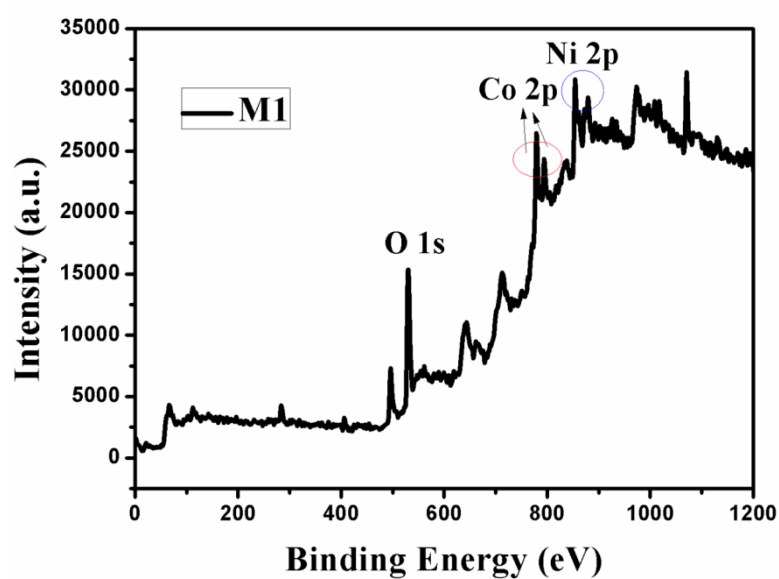
## Electronic Supplementary Information (ESI)

Temperature-dependent self-assembly of NiO/Co<sub>3</sub>O<sub>4</sub> composites  
for supercapacitor electrodes with good cycling performance:  
from nanoparticles to nanorod arrays

Kuaibing Wang,<sup>a,\*</sup> Zhiyang Zhang,<sup>b</sup> Xiaobo Shi,<sup>c</sup> Hongju Wang,<sup>b</sup> Yanan Lu,<sup>b</sup> Xiaoyan Ma<sup>b</sup>



**Fig. S1** XRD pattern of the as-synthesized coordination polymer particles precursor; inset: the photograph of the purple precursor.



**Fig. S2** XPS spectra of the survey scan of hybrid NiO/Co<sub>3</sub>O<sub>4</sub> nanoparticles (M1).

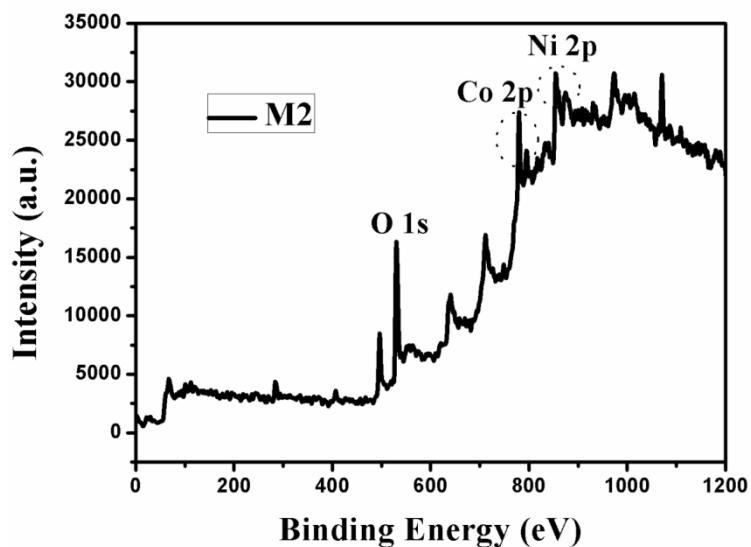


Fig. S3 XPS spectra of the survey scan of hybrid NiO/Co<sub>3</sub>O<sub>4</sub> composites (M2).

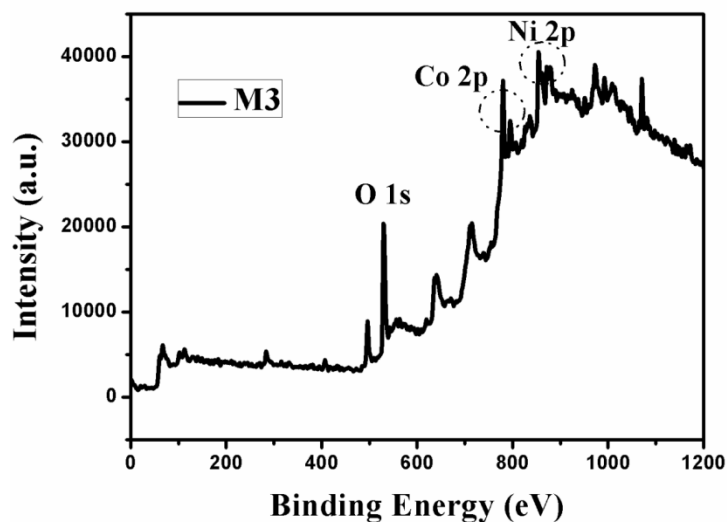


Fig. S4 XPS spectra of the survey scan of hybrid NiO/Co<sub>3</sub>O<sub>4</sub> nanorod arrays (M3).

Table S1 XPS peak positions and atomic compositions for NiO/Co<sub>3</sub>O<sub>4</sub> composites

Samples	Co 2p <sub>3/2</sub> (eV)	Ni 2p <sub>3/2</sub> (eV)	XPS Co/Ni (At% ratio)
M1	779	853.6	0.935
M2	779.3	853.6	0.953
M3	779.3	853.5	0.968