

Electronic Supplementary Information

Unusual properties of nanostructured $\text{Ce}_{1-x}\text{Co}_x\text{O}_{2-y}$, $\text{Ce}_{1-x}\text{Ni}_x\text{O}_{2-y}$ and $\text{Ce}_{1-(x+y)}\text{Co}_x\text{Ni}_y\text{O}_{2-z}$: Structural studies and catalytic activity

Simou Sun, Xiulan Zhao, Hang Lu, Zhida Zhang, Jingjing Wei, Yanzhao Yang*

Key Laboratory for Special Functional Aggregate Materials of Education
Ministry, School of Chemistry and Chemical Engineering, Shandong
University, Jinan 250100, P. R. China.

*Corresponding author, E-mail: yzhyang@sdu.edu.cn

Fig.SI1. Survey XPS spectra of $\text{Ce}_{0.92}\text{Co}_{0.06}\text{Ni}_{0.02}\text{O}_{2-z}$:

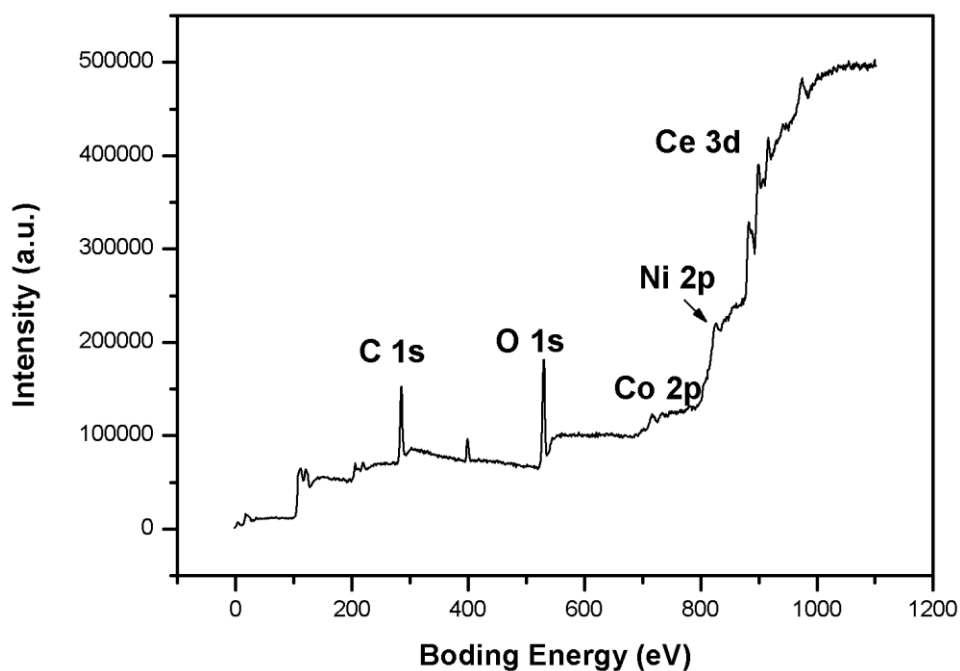


Fig. SI2. The TEM photo of production without PVP:

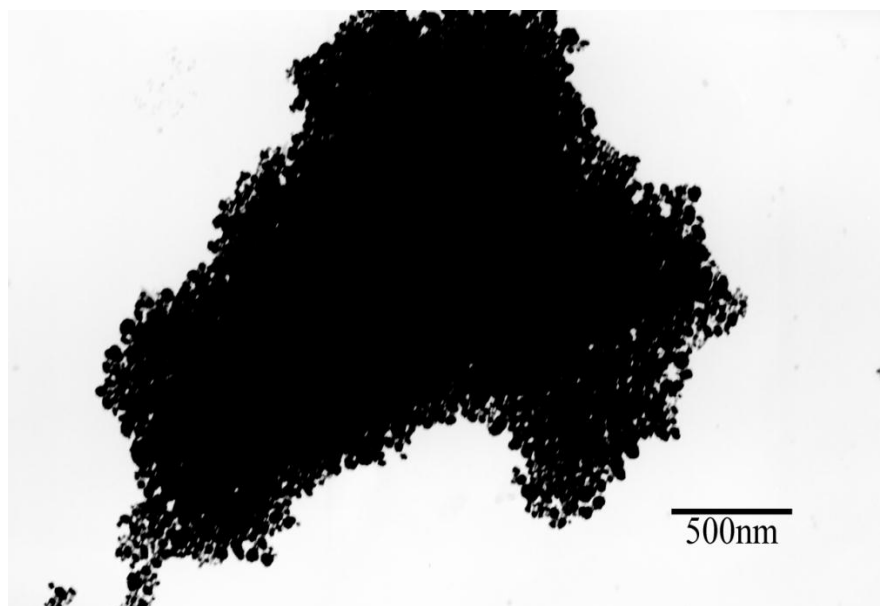


Fig. SI3. The illustration of the process involving PVP:

