

Supplementary Information for:

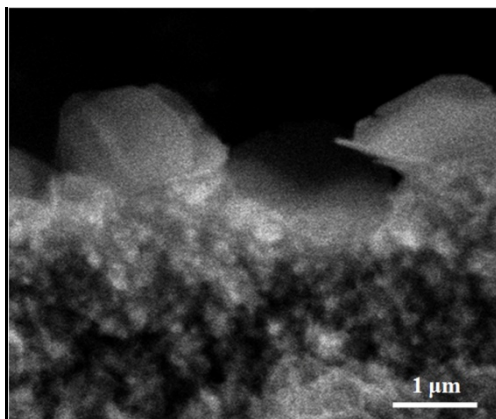
**Composited  $\text{Co}_3\text{O}_4/\text{Ag}$  with Flower-Like Nanosheets Anchored on Porous Substrate as a High-  
Performance Anode for Li-Ion Batteries**

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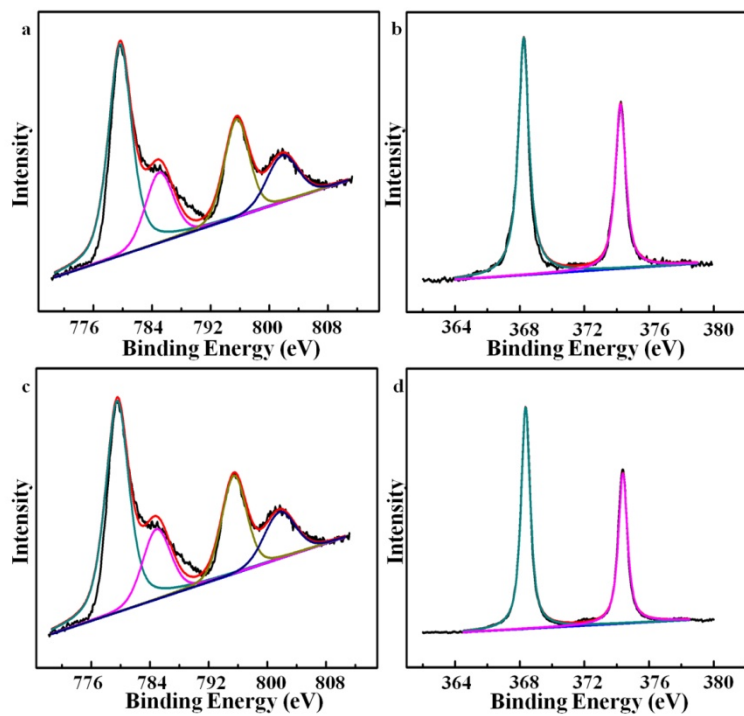
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**Fig. S1.** The cross-sectional SEM of Co<sub>3</sub>O<sub>4</sub>/Ag sample dealloyed from Co<sub>12</sub>Ag<sub>3</sub>Al<sub>85</sub> alloy in 1 M NaOH solution for 10 h.



**Fig. S2.** XPS of (a&c) Co 2p and (b&d) Ag 3d for the fresh  $\text{Co}_3\text{O}_4/\text{Ag}$  samples dealloyed from (a&b)  $\text{Co}_{13}\text{Ag}_2\text{Al}_{85}$  and (c&d)  $\text{Co}_{14}\text{Ag}_1\text{Al}_{85}$  alloys.

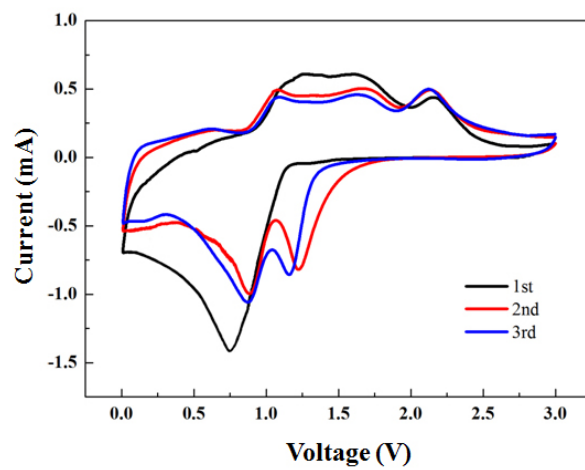


Fig. S3. Cyclic voltammetric (CV) curves of the  $\text{Co}_3\text{O}_4/\text{Ag}$  electrode dealloyed from  $\text{Co}_{12}\text{Ag}_3\text{Al}_{85}$  alloy.