

## Supporting Information for Synthesis and lithium storage performances of $\text{Co}_2\text{SiO}_4$ Nanoparticles

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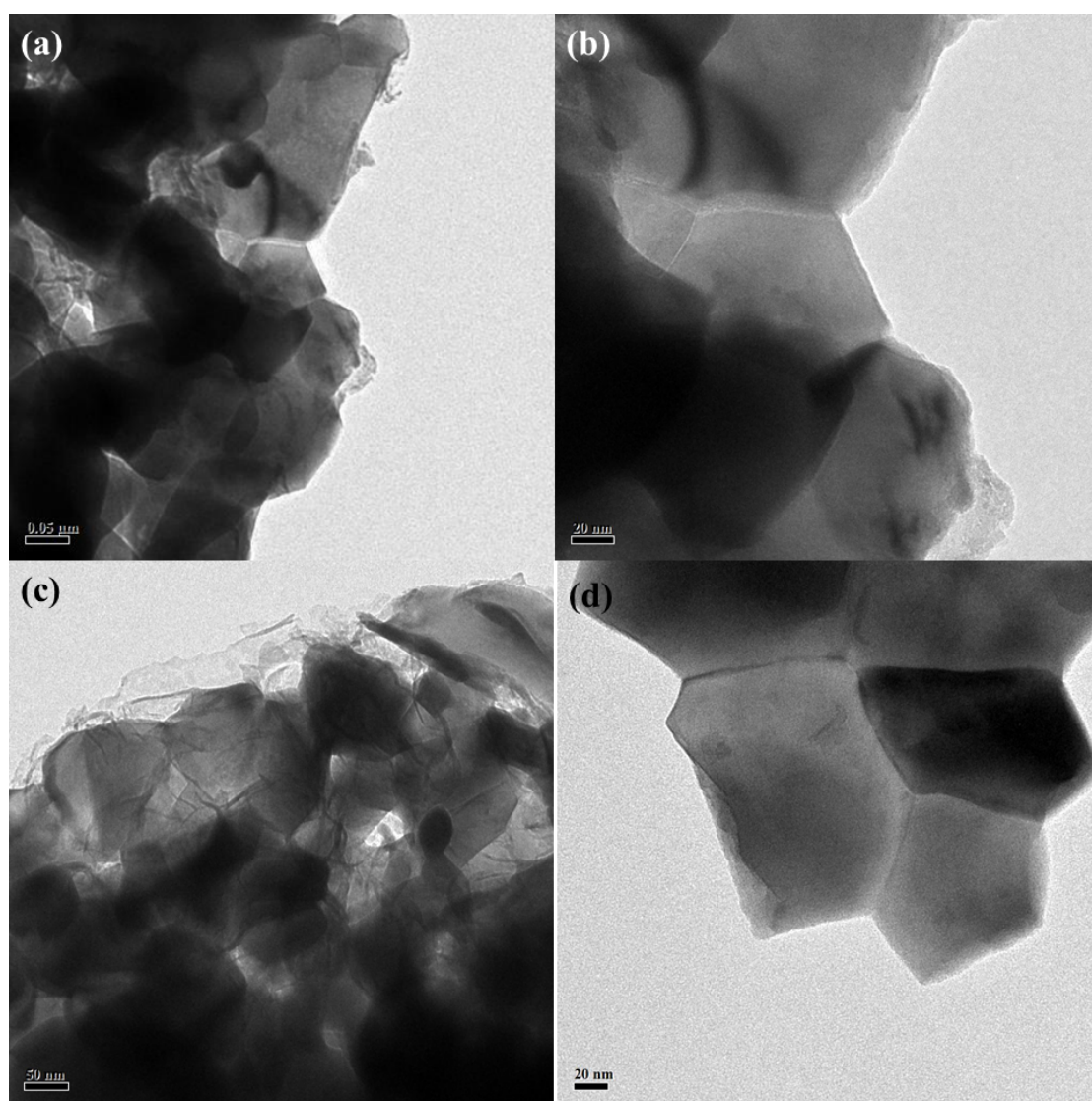


Figure S1: the typical TEM images of the plate-like particles

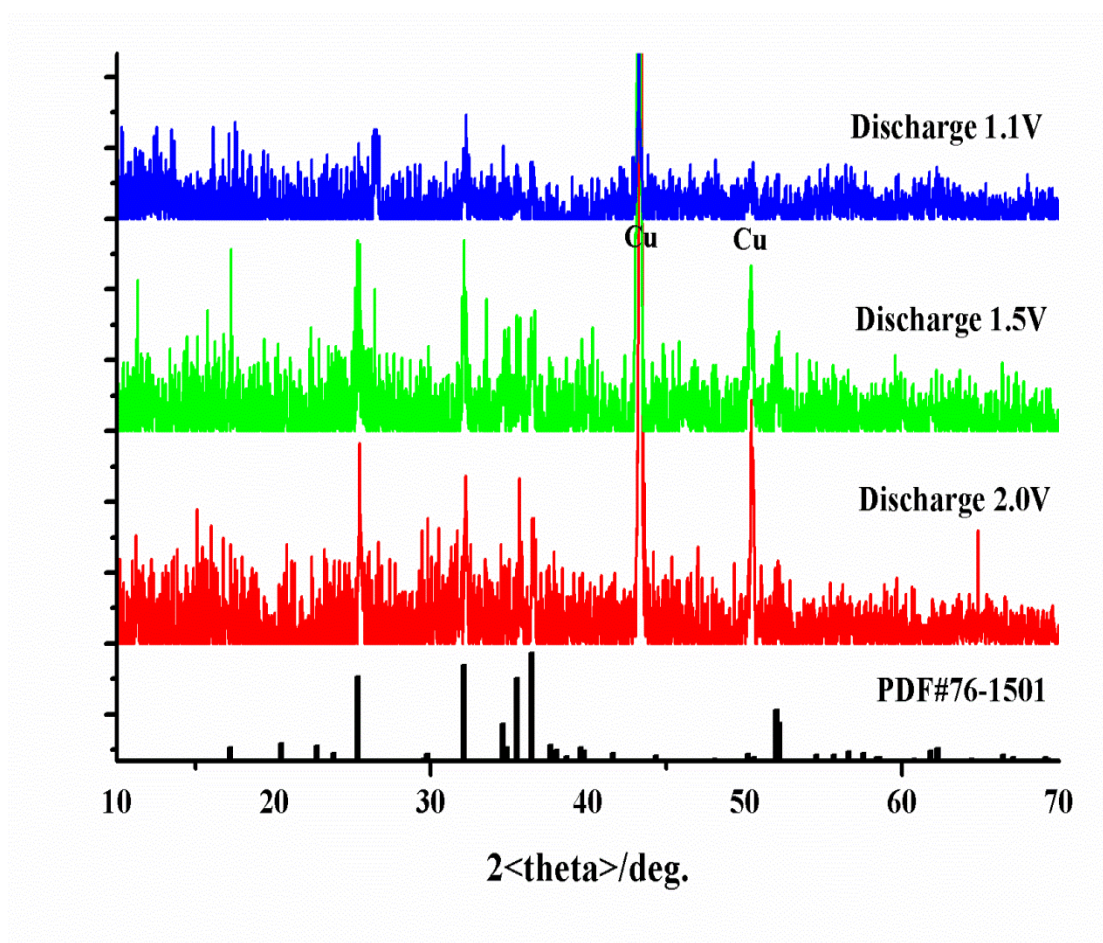


Figure S2 X-ray diffraction (XRD) pattern of the  $\text{Co}_2\text{SiO}_4$  electrodes at different voltages of the first discharge.

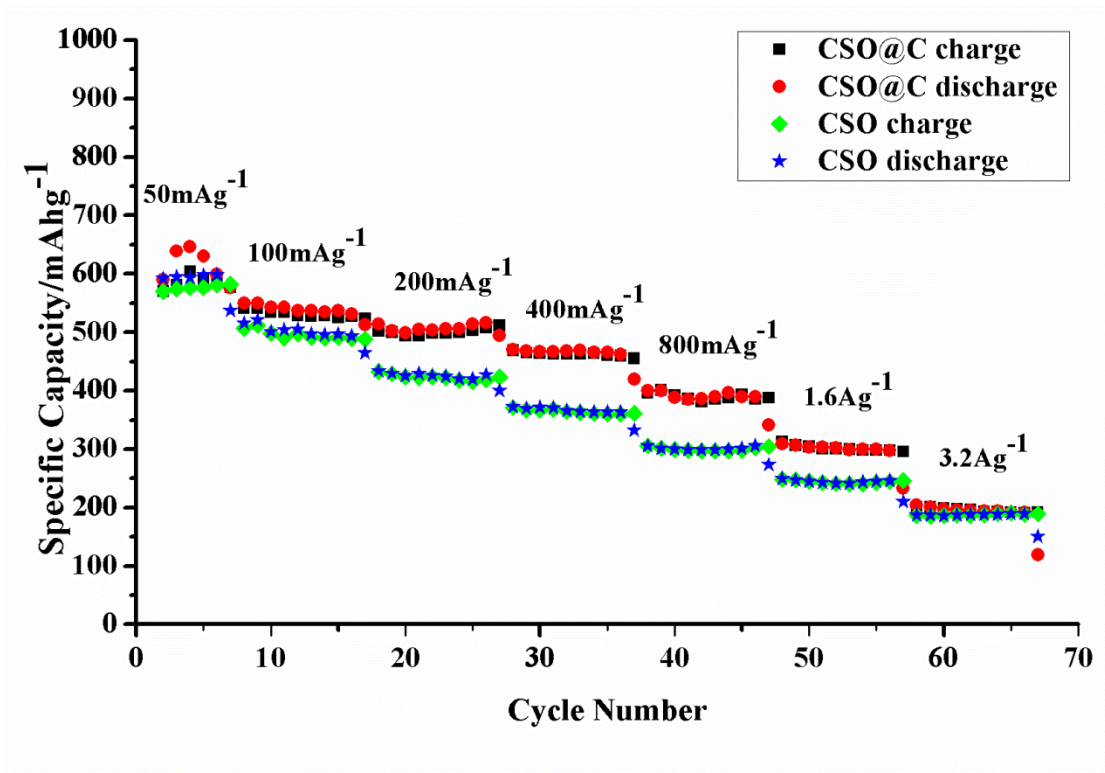


Figure S3 rate capacity of the  $\text{Co}_2\text{SiO}_4$  and carbon-coated  $\text{Co}_2\text{SiO}_4$  at various current densities between  $50 \text{ mAg}^{-1}$  and  $3.2 \text{ Ag}^{-1}$ .

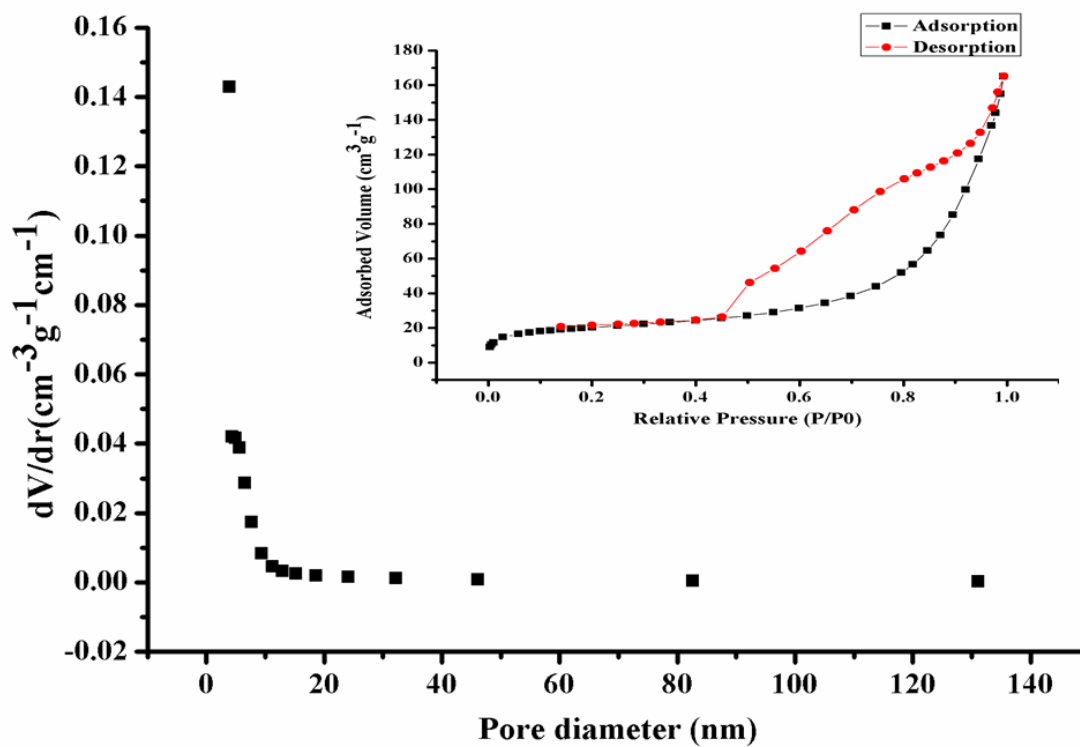


Figure S4 Nitrogen adsorption/desorption isotherms and BJH pore size distributions of  $\text{Co}_2\text{SiO}_4$ .