

Supporting Information

Magnetic-field assisted fabrication of yolk-shell $\text{Co}_3\text{V}_2\text{O}_8$ microspheres for superior lithium-ion storage

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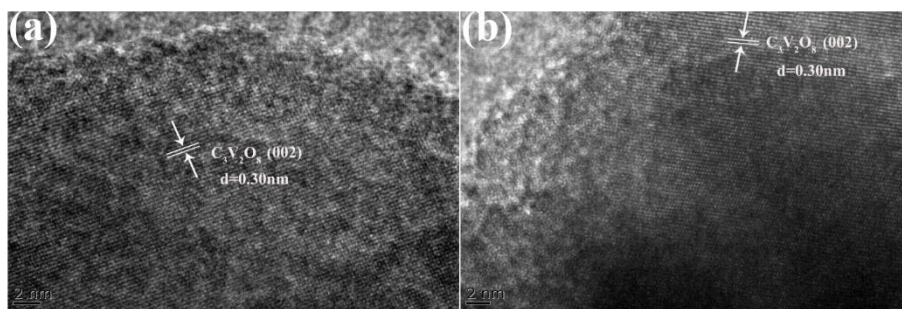


Fig. S1 HRTEM images of (a) CVO and (b) CVO-1T samples.

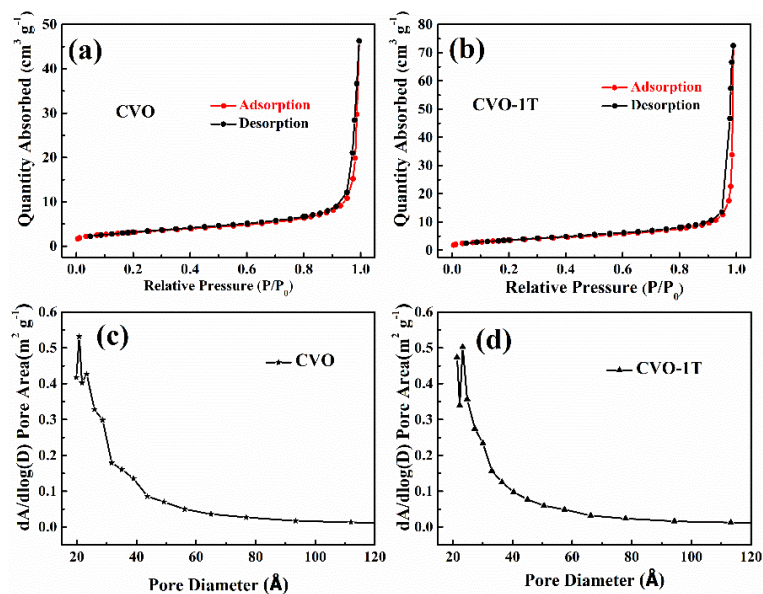


Fig. S2 N_2 adsorption-desorption isotherm of the (a) CVO and (b) CVO-1T samples. The distribution of pore size for (c) CVO and (d) CVO-1T samples.

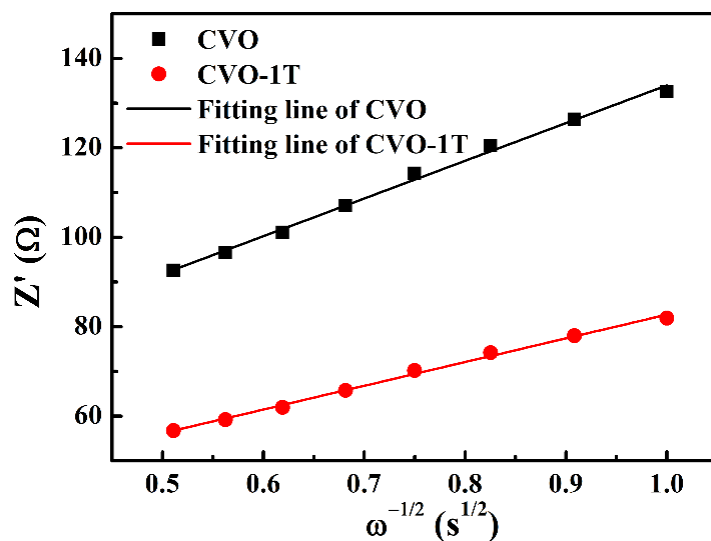


Fig. S3 Linear fitting of $Z' - \omega^{-1/2}$ relationship for the CVO and CVO-1T electrodes.

Table S1. The atomic ratios of the transition metal ions in the CVO and CVO-1T materials calculated from the XPS 2p_{3/2} spectra.

Sample	Co ²⁺ /Co ³⁺	V ⁴⁺ /V ⁵⁺
CVO	1.635	0.51
CVO-1T	1.563	0.56