Cerium vanadate nanoparticles as a new anode material for lithium ion batteries

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Fig. S1. Coulomb efficiency curves of CeVO$_4$ at current densities of 10 and 100 mA/g.
Fig. S2. Nyquist plots of CeVO₄ before and after cycles (a), and Nyquist plots of CeVO₄ after 10 cycles at various potentials (b).
Fig. S3. The *in situ* XRD patterns of CeVO$_4$ at a current density of 80 mA/g between 0.05 and 2.0 V.