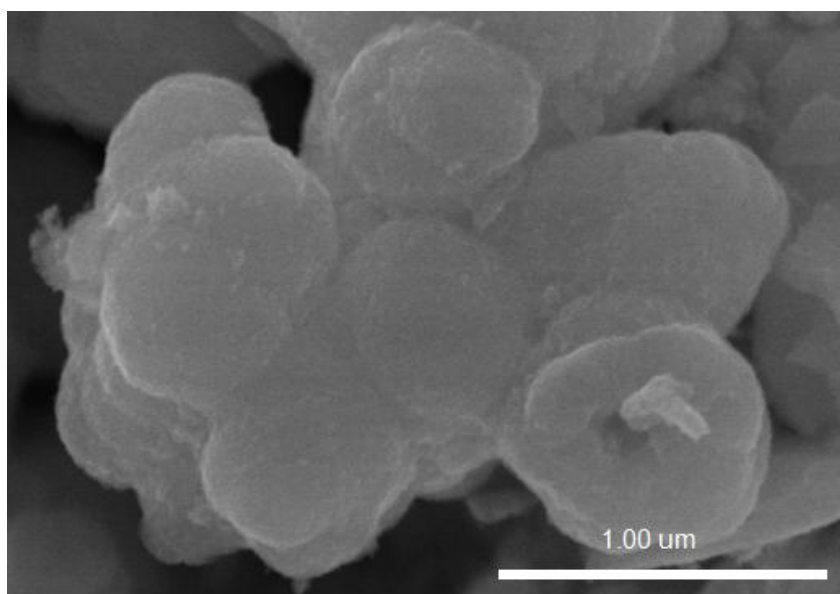
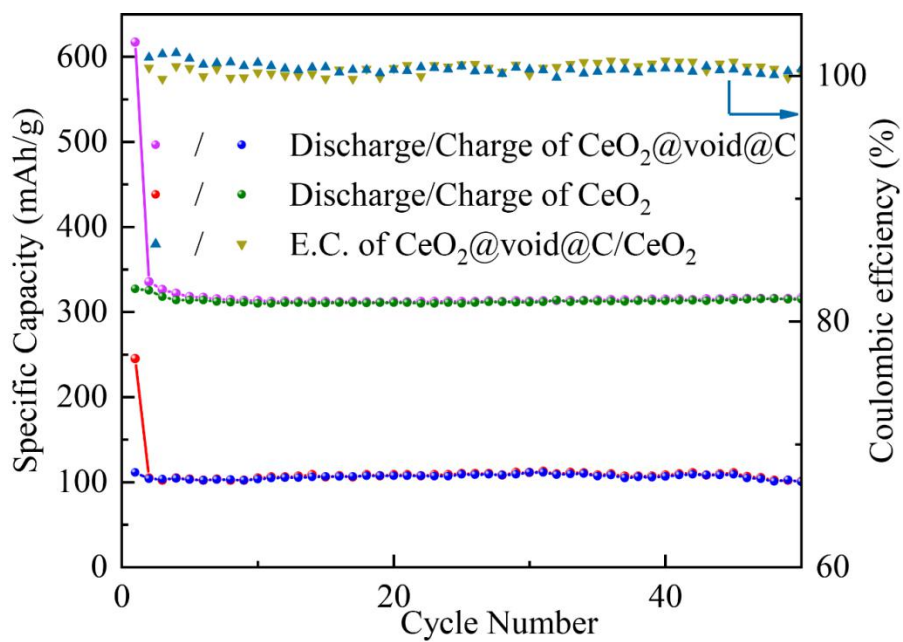


1  
2 **Figure S1.** TEM image of the as-prepared CeO<sub>2</sub>@void@C mesoporous microspheres  
3 after electrochemical cycling.

4  
5



6  
7 **Figure S2.** SEM image of the as-prepared CeO<sub>2</sub> after electrochemical cycling.



8

9 **Figure S3.** Electrochemical cycling performance of the untreated CeO<sub>2</sub> and  
10 CeO<sub>2</sub>@void@C anodes for the initial 50 cycles under a current density of 100 mA·g<sup>-1</sup>.

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