

## **Supporting Information**

### **Enhanced Electrochemical Performance of Hybrid SnO<sub>2</sub>@MO<sub>x</sub> (M=Ni, Co, Mn) Core-shell Nanostructures Grown on Flexible Carbon Fibers as the Supercapacitor Electrode Materials**

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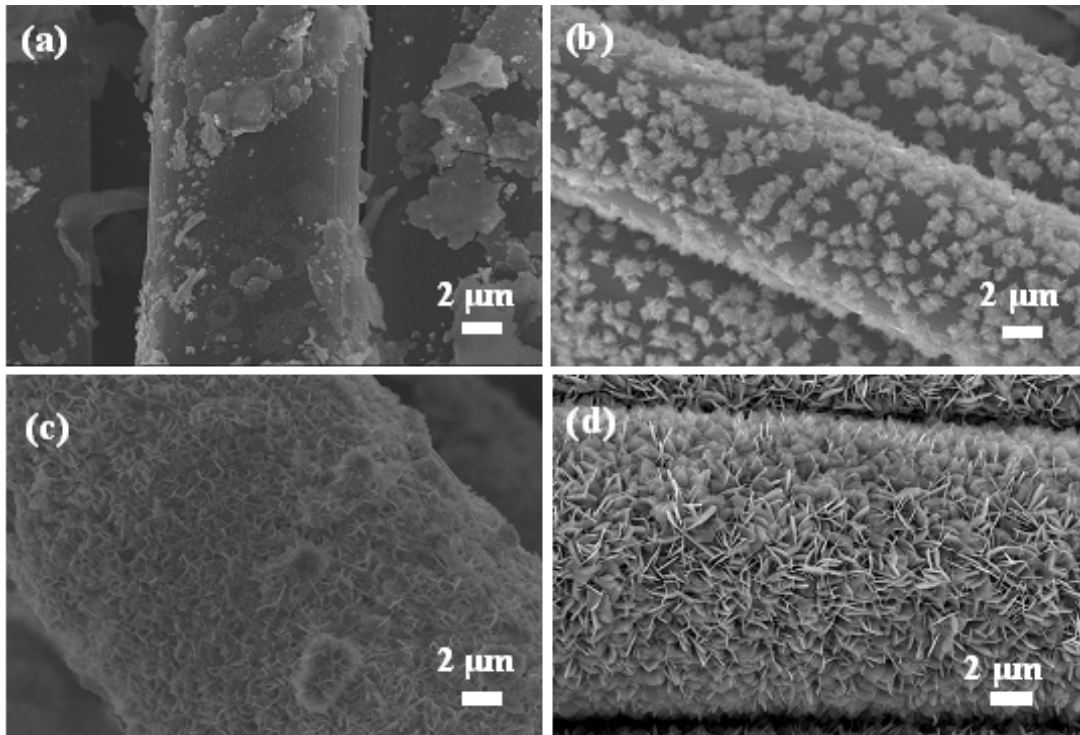


Figure S1. SEM images of hierarchical SnO<sub>2</sub> nanostructures with different reaction time (a) 2 h, (b) 4 h, (c) 6 h, (d) 8 h.

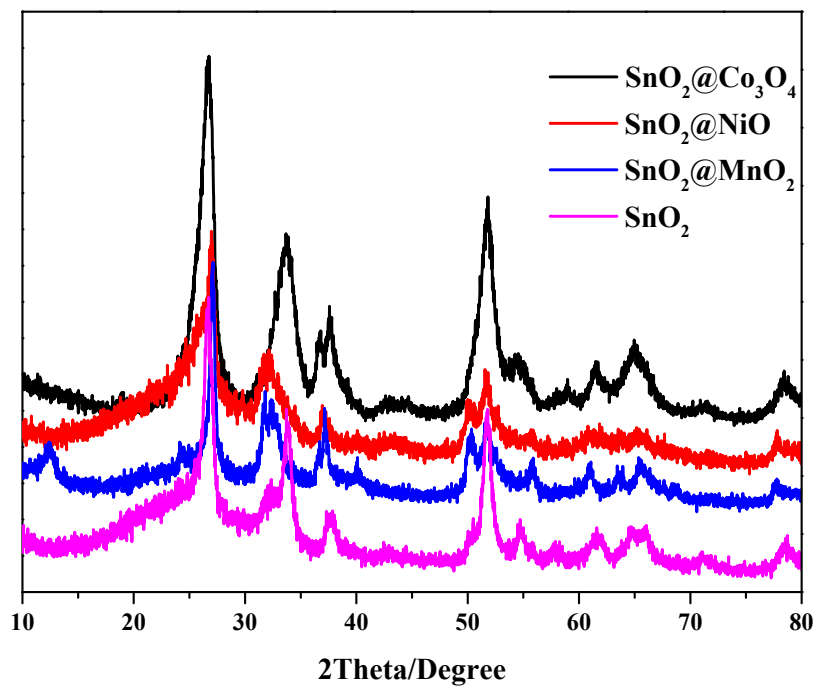


Figure S2. XRD patterns of (a) SnO<sub>2</sub>, (b) SnO<sub>2</sub>@MnO<sub>2</sub>, (c) SnO<sub>2</sub>@Co<sub>3</sub>O<sub>4</sub>, (d) SnO<sub>2</sub>@NiO.

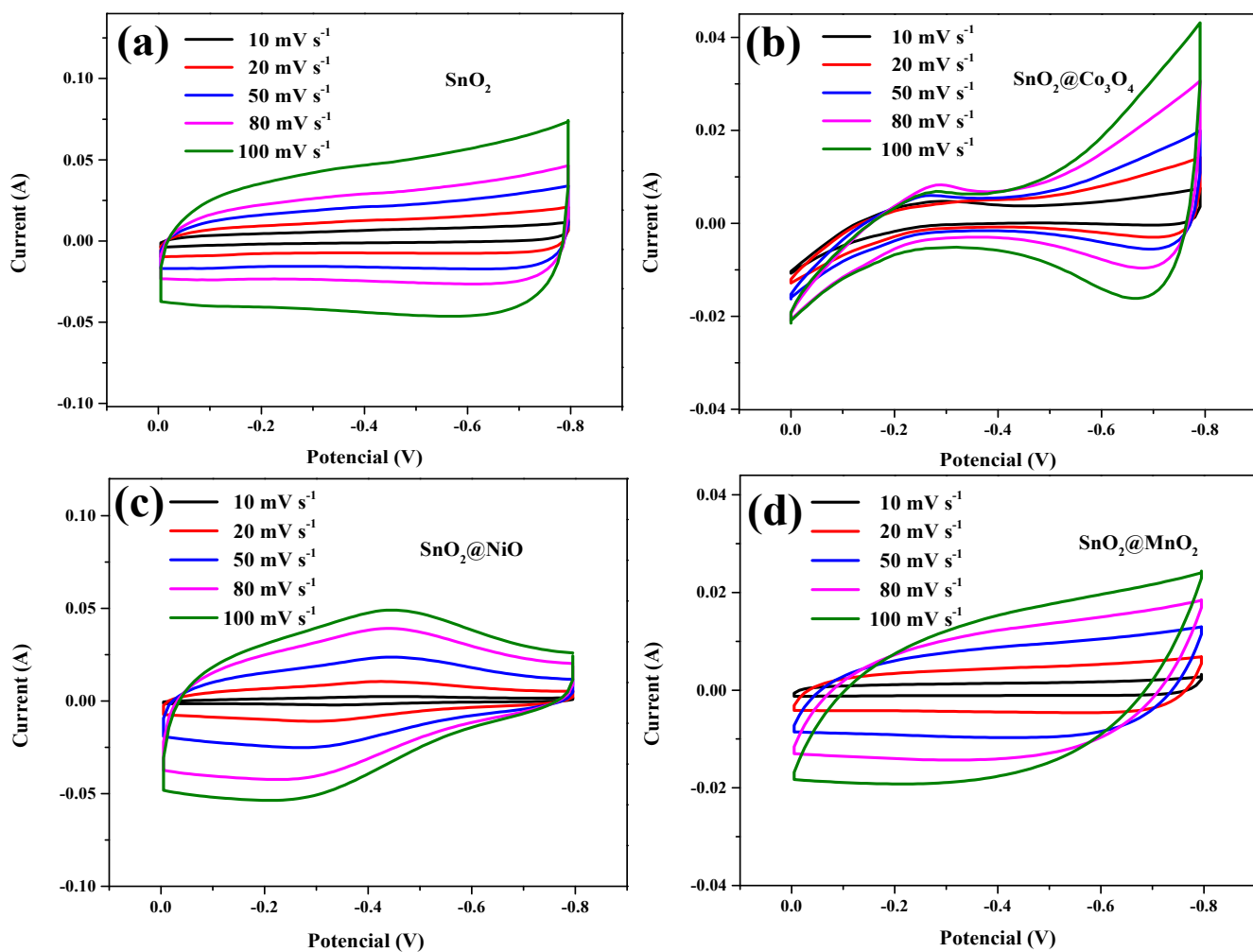


Figure S3. Cyclic voltammety curves of (a)  $\text{SnO}_2$ , (b)  $\text{SnO}_2@\text{Co}_3\text{O}_4$ , (c)  $\text{SnO}_2@\text{NiO}$ , (d)  $\text{SnO}_2@\text{MnO}_2$  at different scan rates of 10, 20, 50, 80 and 100  $\text{mV s}^{-1}$  in 1M  $\text{Na}_2\text{SO}_4$  aqueous solution, respectively.

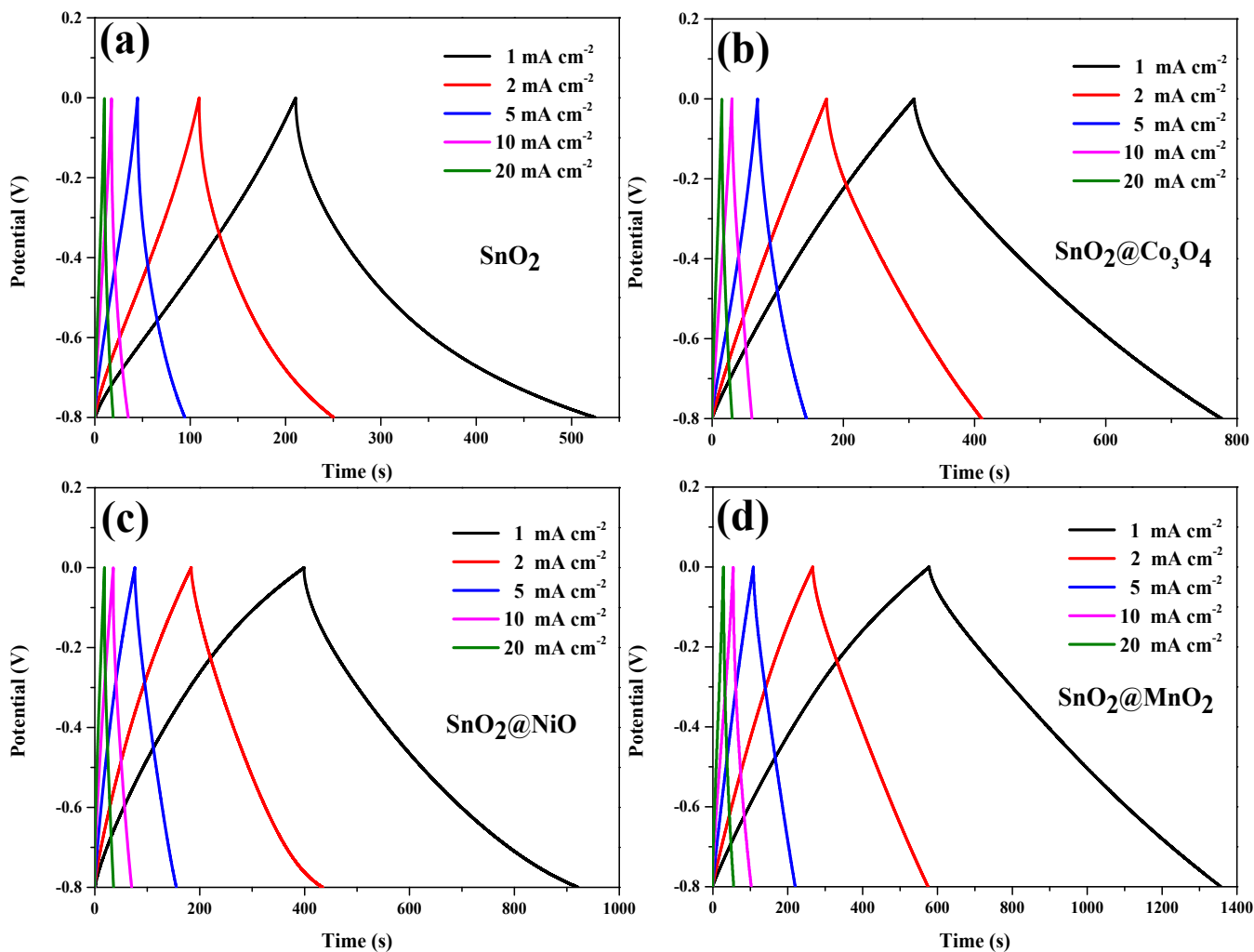


Figure S4. Charge and discharge curves of (a) SnO<sub>2</sub>, (b) SnO<sub>2</sub>@Co<sub>3</sub>O<sub>4</sub>, (c) SnO<sub>2</sub>@NiO, (d) SnO<sub>2</sub>@MnO<sub>2</sub> at different current density of 1, 2, 5, 10 and 20 mA cm<sup>-2</sup>.