

Supporting online Materials for

**Design and synthesis of ternary Co_3O_4 /carbon coated TiO_2 hybrid
nanocomposites for asymmetric supercapacitors**

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1. Electrochemical properties of Activated Carbon (AC) in 1M KOH aqueous electrolyte

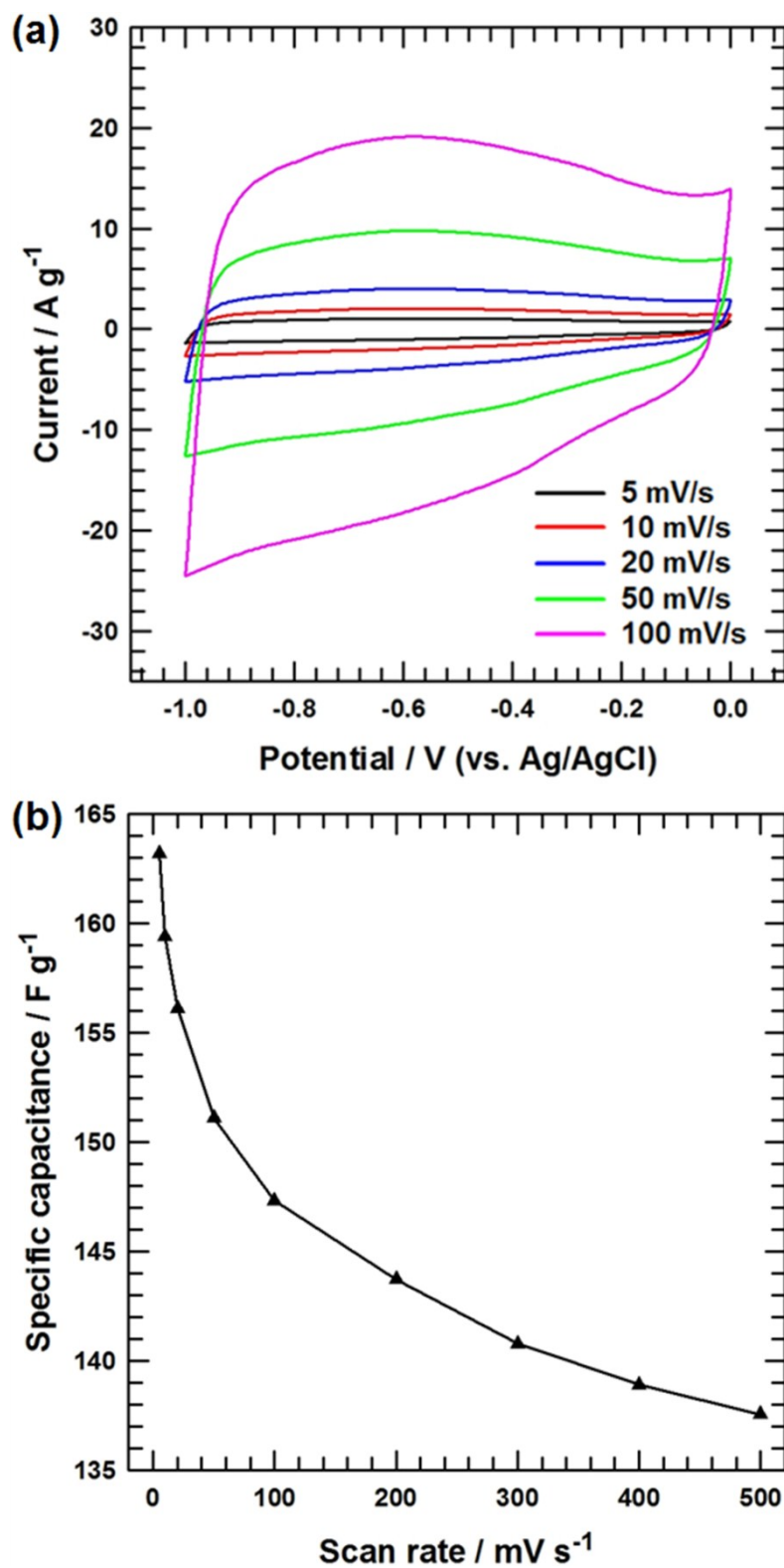


Figure S1. (a) CV curves of AC at various scan rate with the potential window from -1.0 to 0 V. (b)

Specific capacitance of AC as a function of scan rates..

2. Cycling stability of $\text{TiO}_2@\text{C}/\text{Co}/\text{AC}$ asymmetric supercapacitor

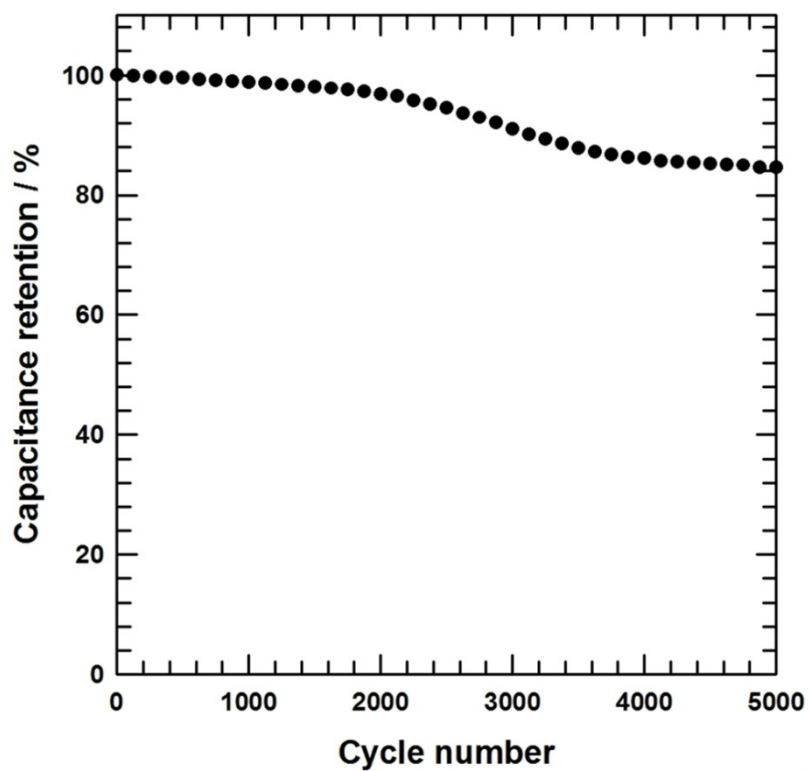


Figure S2. Cycling stability of $\text{TiO}_2@\text{C}/\text{Co}/\text{AC}$ asymmetric supercapacitor.

3. Ragone plot of $\text{TiO}_2@\text{C}/\text{Co}/\text{AC}$ asymmetric supercapacitor

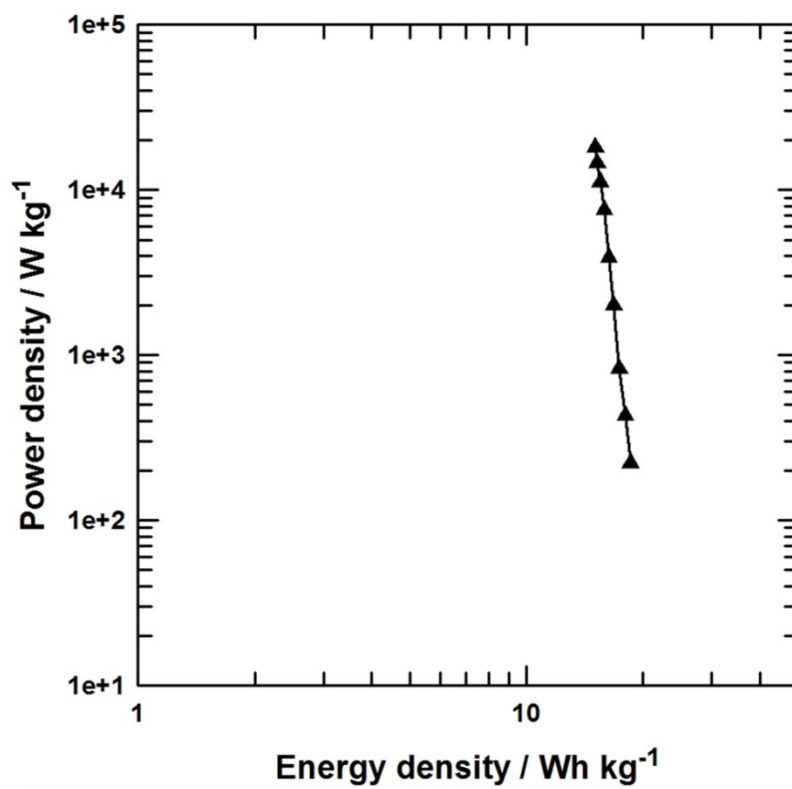


Figure S3. Ragone plot of $\text{TiO}_2@\text{C}/\text{Co}/\text{AC}$ asymmetric supercapacitor.