Supporting Information

Micelle Anchored *In-situ* Synthesis of V_2O_3 nanoflakes@C composites for supercapacitors

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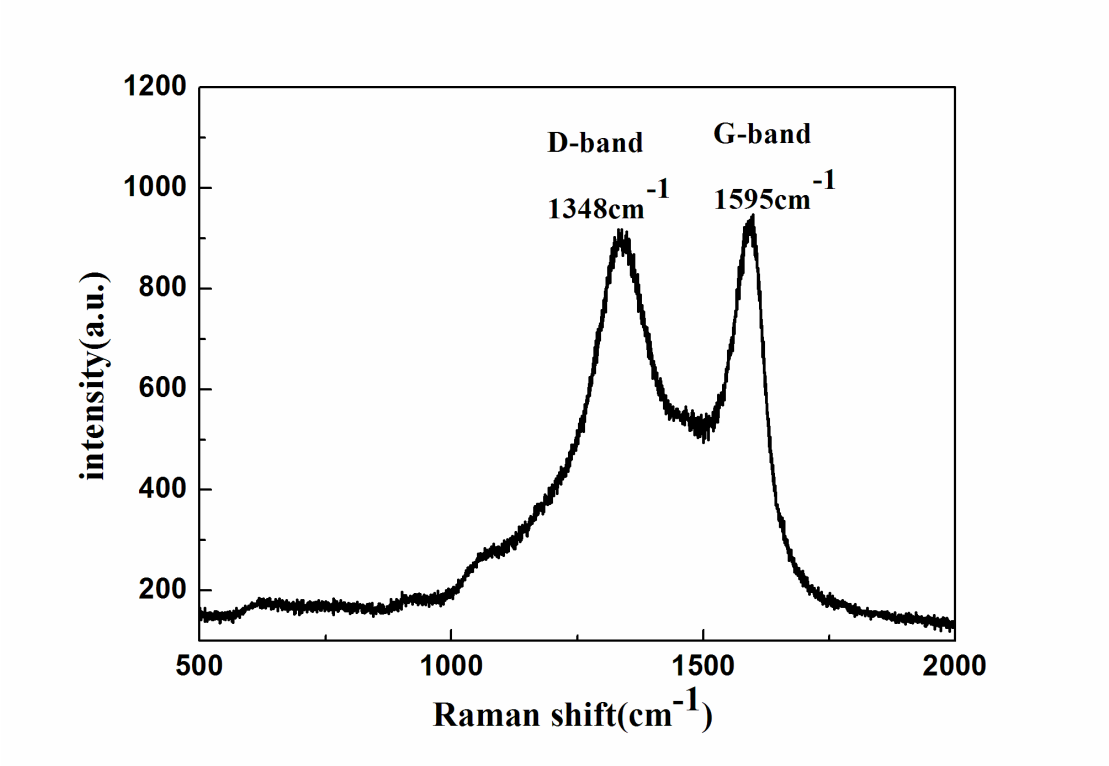

Fig. S1 Raman spectra of activated carbon

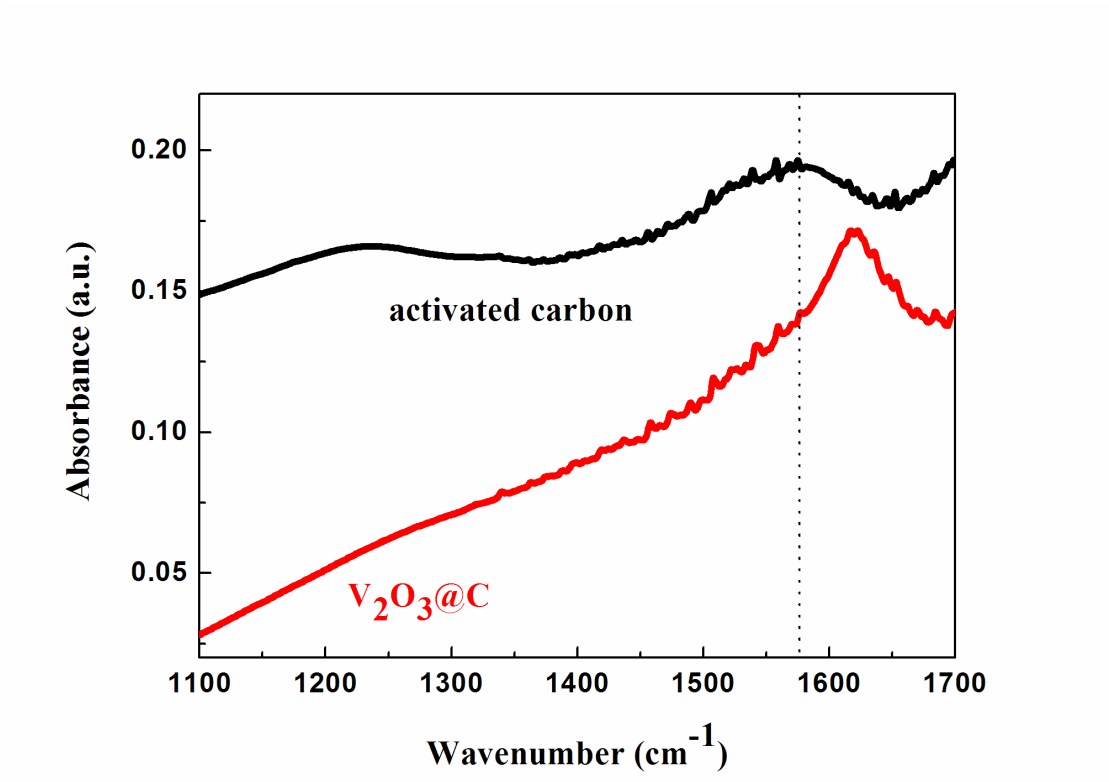

Fig. S2 ATR-FTIR spectra of activated carbon and V_2O_3 nanoflakes@C composites

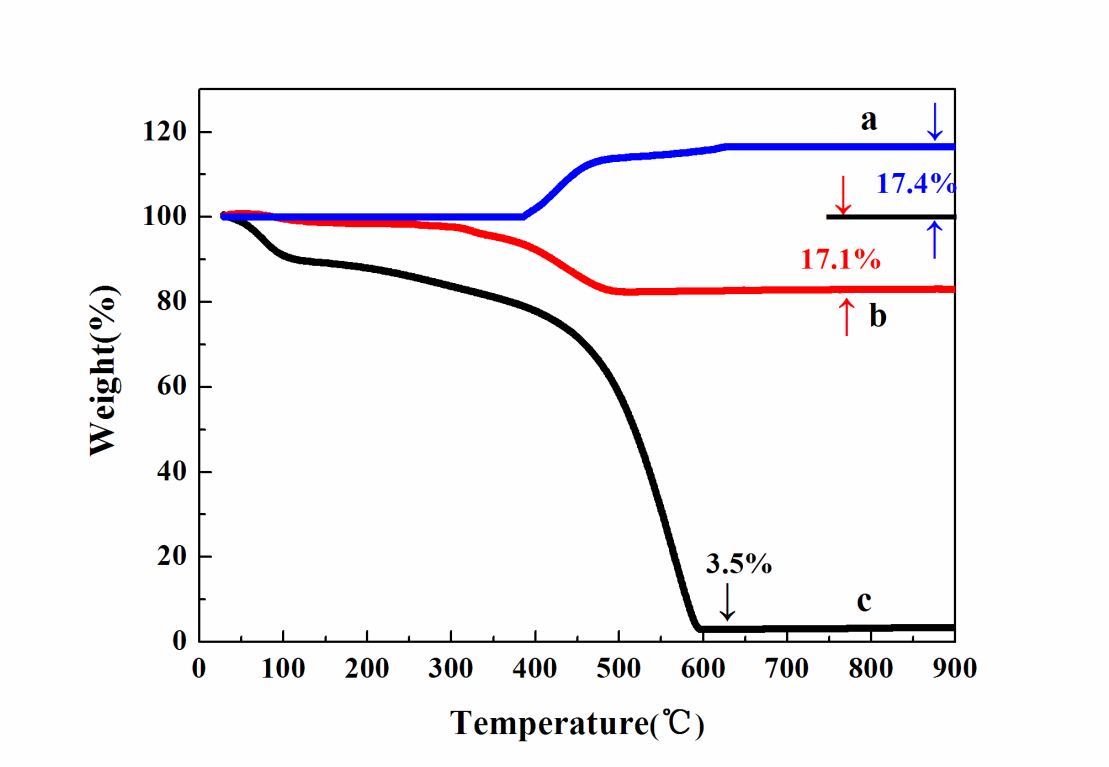

Fig. S3 TGA curves of (a) pure V_2O_3, (b) V_2O_3 nanoflakes@C composites and (c) activated carbon in air

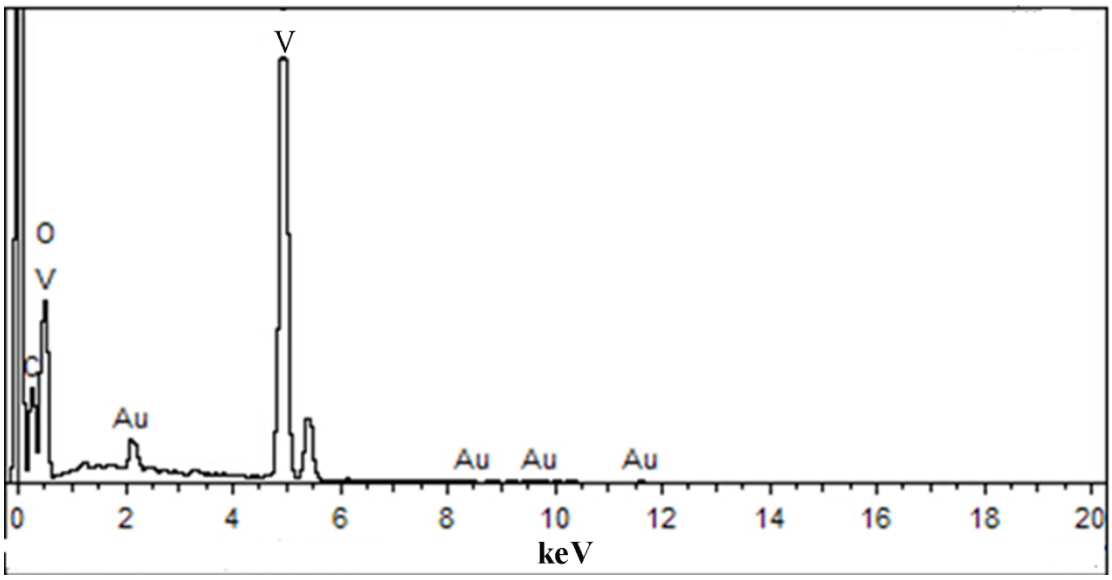

Fig. S4 EDS spectrum of V_2O_3 nanoflakes@C composites

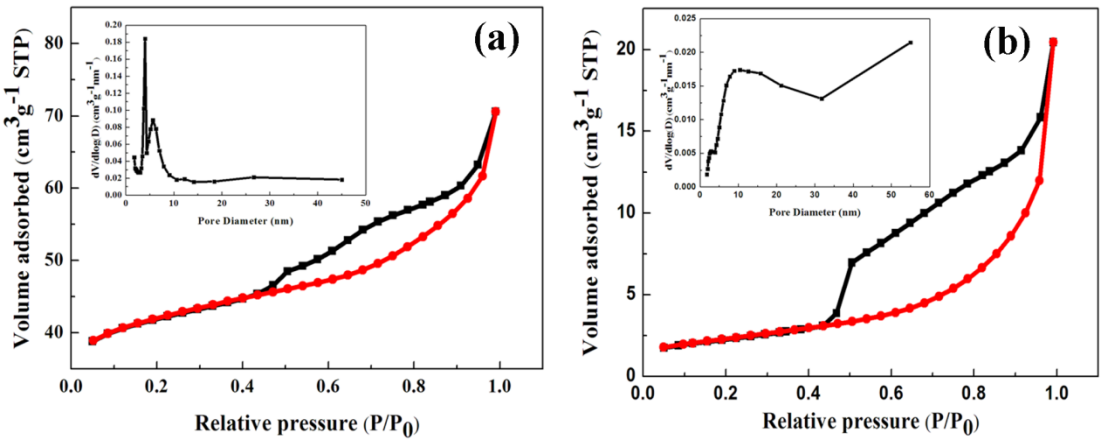

Fig. S5 N_2 adsorption/desorption isotherms and BJH pore-size distribution plots (inset) of (a) V_2O_3 nanoflakes@C composites and (b) bulk V_2O_3.

◆desorption; ●adsorption

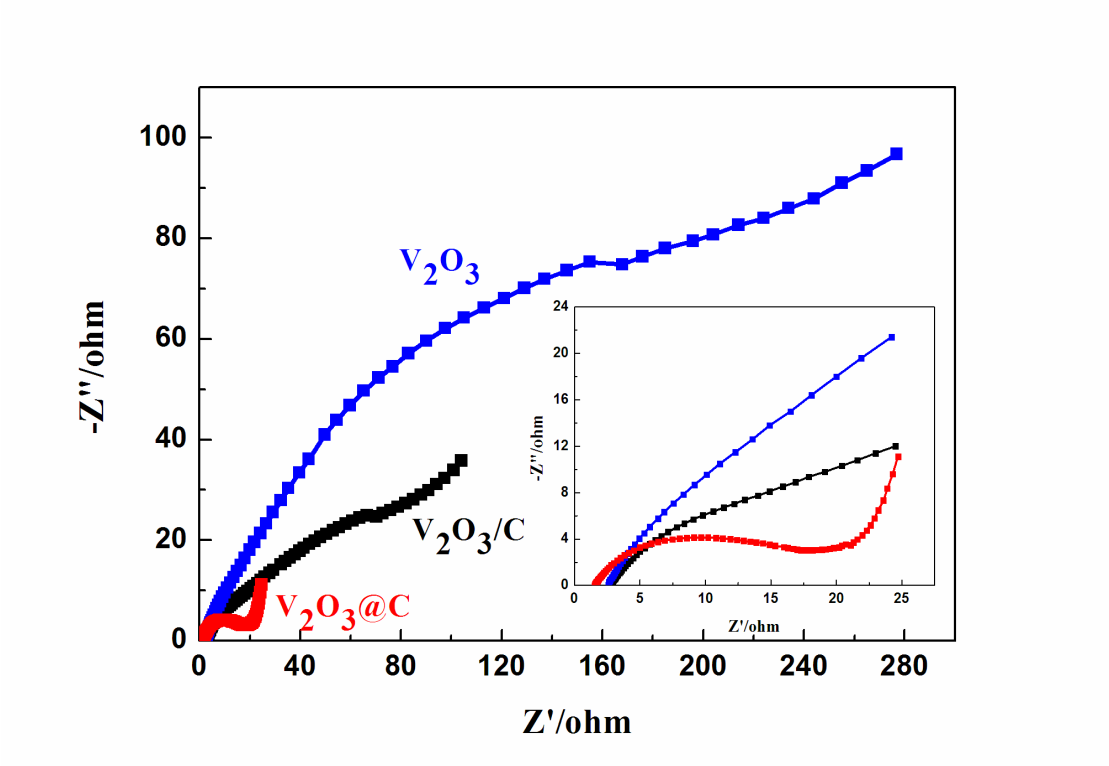

Fig. S6 Comparable Nyquist plots obtained over the frequency range of 100 kHz to 0.01 Hz.

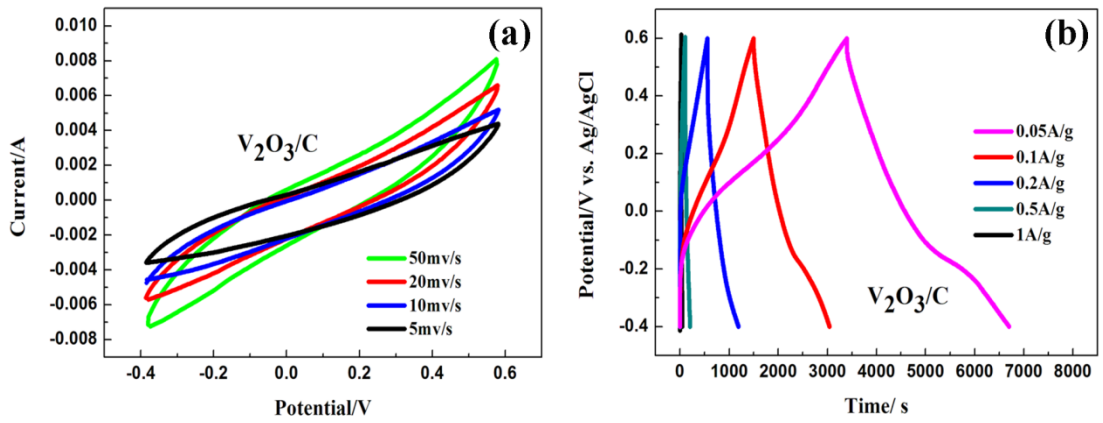

Fig.S7 CV curves (a) and charge/discharge curves (b) of physical mixture V_2O_3/C.

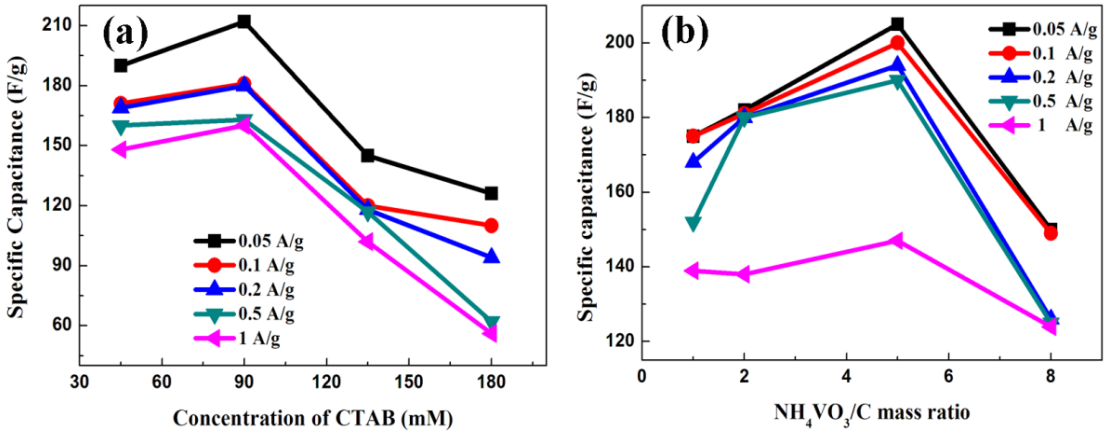

Fig. S8 Specific capacitance changes with (a) concentration of CTAB and (b) NH_4VO_3/C mass ratio