Supporting Information

A post-oxidation strategy for the synthesis of graphene/carbon nanotube-supported polyaniline nanocomposites as advanced supercapacitor electrodes

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**Fig. S1** UV-Vis spectra of dedoped form sGNS/cMWCNT@PANI composites

In the UV-Vis curve of dedoped ternary composites with 10 wt% ammonium hydroxide for 24 h at room temperature, there are only two bands at about 348 nm and 653 nm, which are attributed to $\pi-\pi^*$ transition of the benzenoid rings and $\pi-\pi^*$ transition of the quinoid rings.¹⁻³ It is obviously that intensity of the band at about 347 nm compared with that at about 653 nm increases for sGNS/cMWCNT@PANI-2 ternary composite after post-oxidation process, which could indicate higher content of quinoid structure in PANI chains.
Fig. S2 CV curves of (a) sGNS/cMWCNT@PANI-1 and (b) sGNS/cMWCNT@PANI-2 ternary composite before and after 1000 cycles.

References: