

Supporting Information

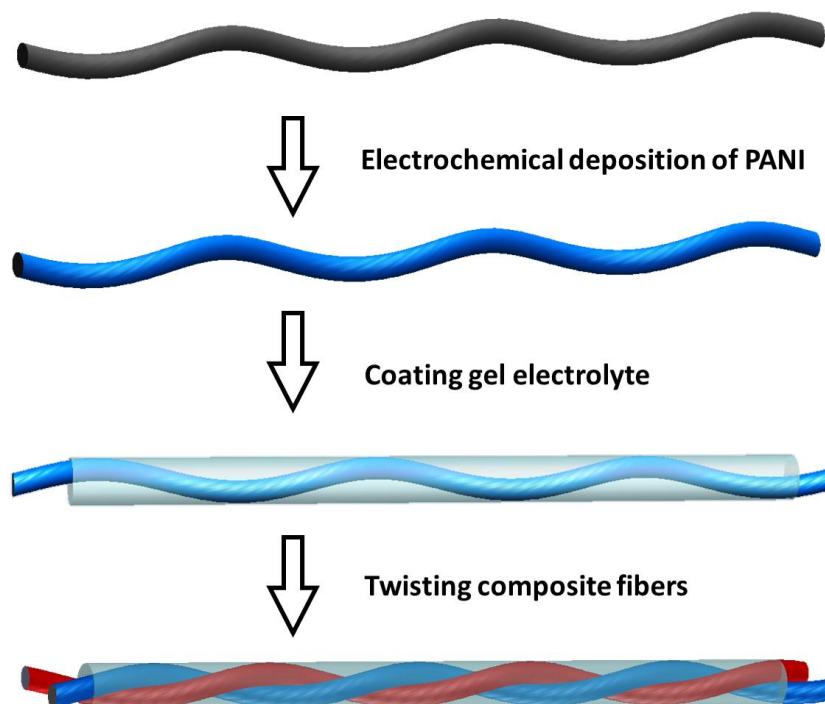


Figure S1. Schematic illustration to the preparation of the MWCNT/PANI composite fiber and resulting supercapacitor.

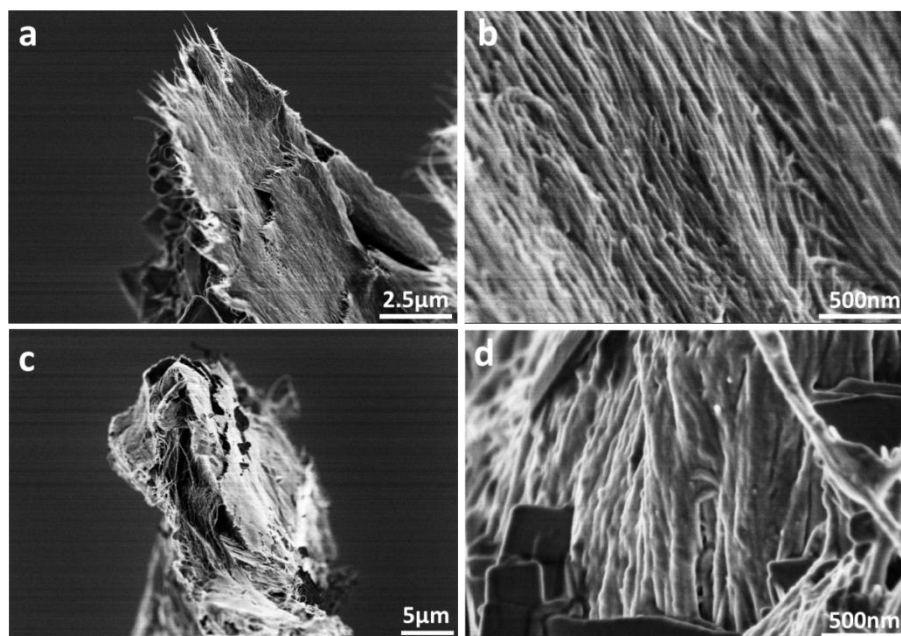


Figure S2. Typical cross-sectional scanning electron microscopy (SEM) images of two aligned MWCNT/PANI composite fibers at (a, c) low and (b, d) high magnifications.

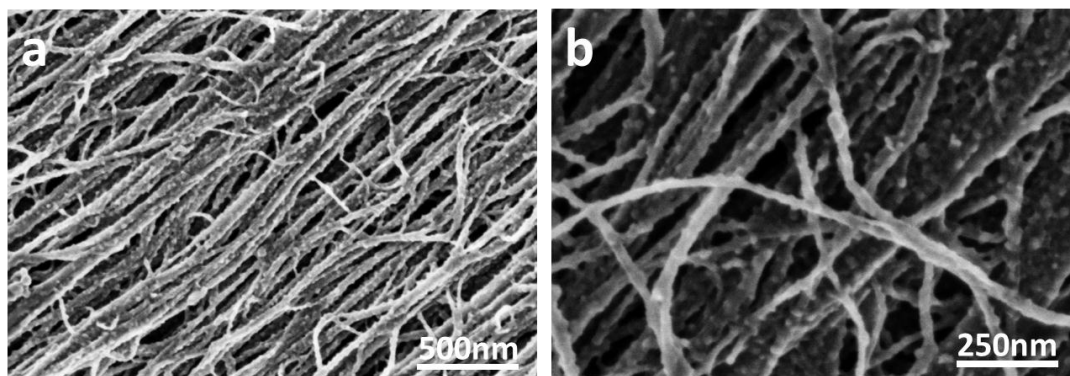


Figure S3. SEM images of a composite fiber with PANI weight percentage of 34%.

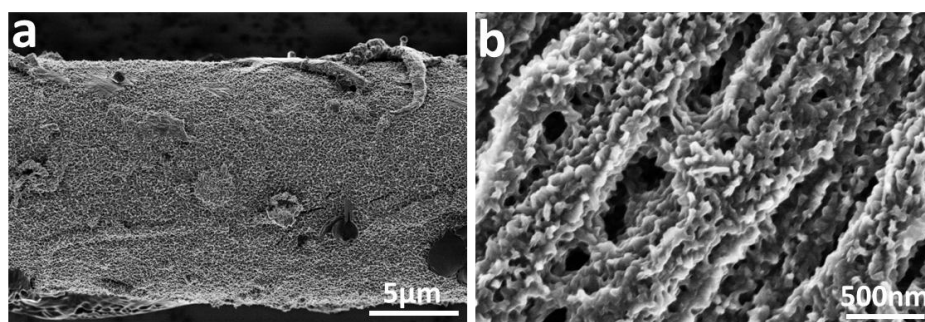


Figure S4. SEM images of aligned MWCNT/PANI composite fiber with PANI weight percentage of 70%.

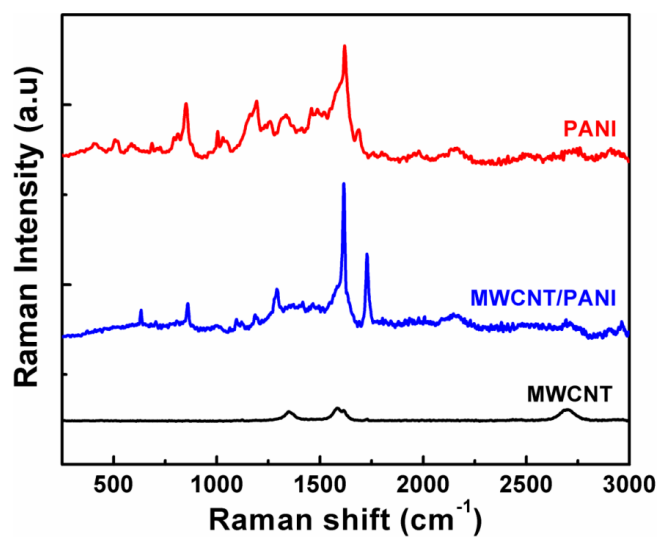


Figure S5. Raman spectra of bare MWCNT fiber, PANI, and MWCNT/PANI composite fiber with PANI weight percentage of 24%.

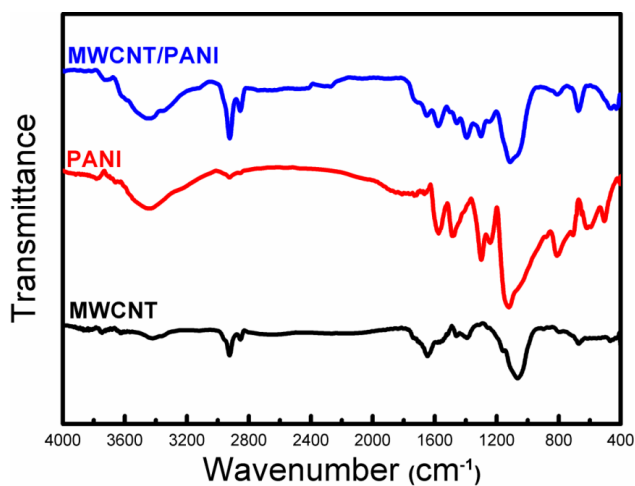


Figure S6. Fourier transform infrared spectra of bare MWCNT fiber, PANI, and aligned MWCNT/PANI composite fiber with PANI weight percentage of 24%.

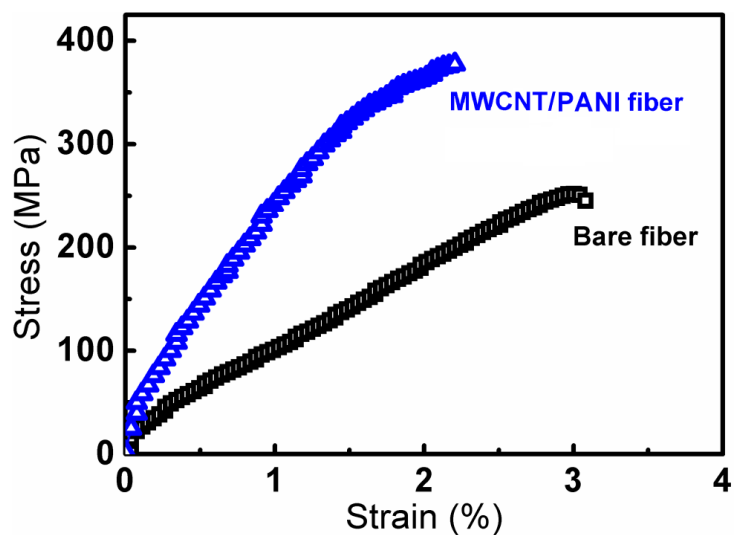


Figure S7. Typical tensile stress-strain curves for bare aligned MWCNT and MWCNT/PANI (weight percentage of 34%) composite fibers, respectively.