

SUPPORTING INFORMATION

Fabrication of Carbon Nanotube-Polyaniline Composites via Electrostatic

Adsorption in Aqueous Colloids

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S1. Optical micrographs showing the dispersion of the pristine and the oxidized MWNTs in HCl solution (pH=2.6), respectively.



Figure S1. Optical micrographs of the pristine MWNTs (8 mg) were dispersed in 20 mL of HCl solution (pH=2.6) after standing for 1h (left) and the oxidized MWNTs (8 mg) were dispersed in the same solution after standing for one month (right).

S2. . High-resolution TEM image showing the defects on CNT.

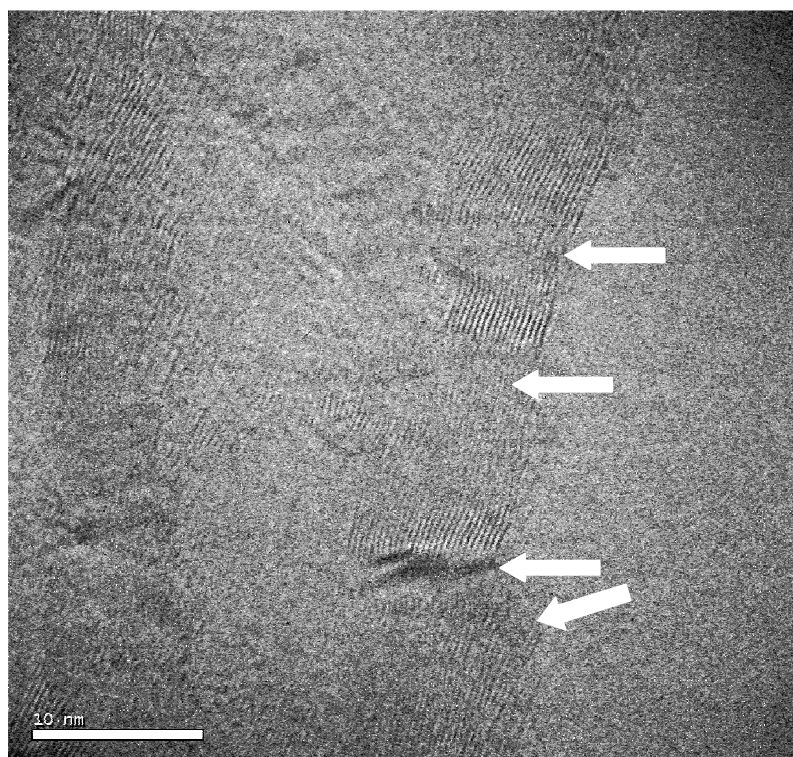


Figure S2. High-resolution TEM image of the oxidized MWNT. Arrows show sites of the destruction of graphite multilayer by concentrated nitric acid-sulfuric acid treatment. Scale bar, 10 nm.