Electronic Supplementary Material (ESI) for Journal of Materials Chemistry
This journal is © The Royal Society of Chemistry 2011

Supplementary Information

Exploring the Application of Conjugated Polymer Nanoparticles in Chemical Sensing: Detection of Free Radicals by a Synergy between Fluorescent Nanoparticles of Two Conjugated Polymers

Jinshan Wang, Xinjun Xu,* Yuwei Zhao, Changchun Zheng, and Lidong Li*

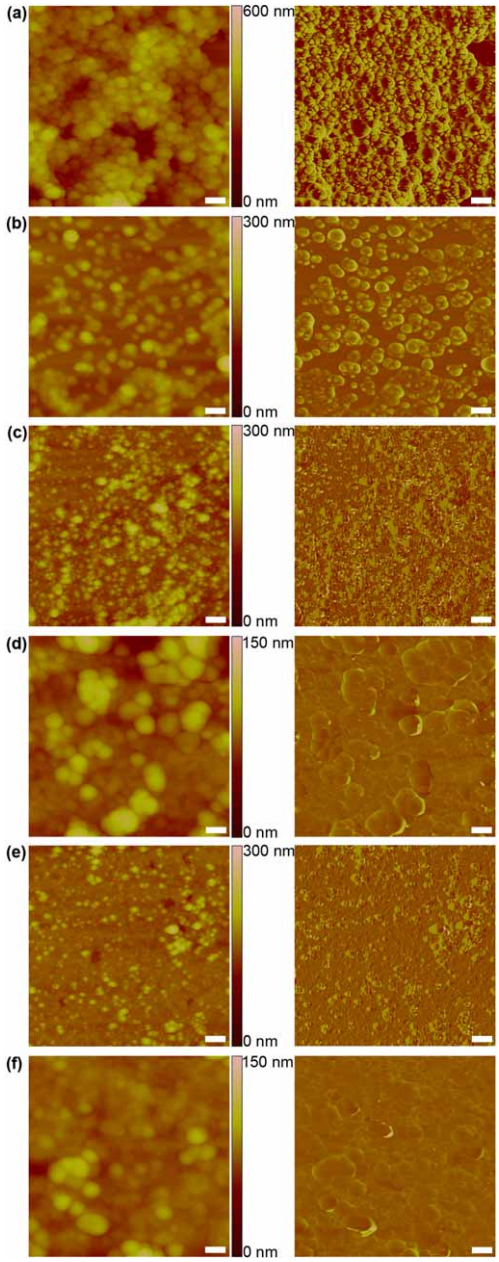

Fig. S1. AFM images of NP films deposited from different solutions: **a)** PFO NP

This journal is © The Royal Society of Chemistry 2011

solution without radical treatment, **b)** MEH-PPV NP solution without radical treatment, **c)** the binary NP solution treated by •OH with a concentration of 1.5×10^{-4} M, **d)** enlarged images of (c), **e)** the binary NP solution treated by $SO_4\bullet^-$ with a concentration of 3.8×10^{-4} M, and **f)** enlarged images of (e). The left panel is the height images and the right panel is the phase images. The scale bar represents 200 nm in a), b), 500 nm in c), e), and 100 nm in d), f).