Supporting information for

“A general approach to chemical modification of single-walled carbon nanotubes with peroxy-organic acids and its application in polymer grafting”

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**Figure 1s.** Full-range IR spectrum of MCPBA-SWCNTs

**Figure 2s.** XPS spectra of SWCNTs: (a) wide spectra, (b) curve fitting of the C1s spectrum of p-SWCNTs, (c) curve fitting of the C1s spectrum of BMPPA-SWCNTs, (d) curve fitting of the C1s spectrum of MCPBA-SWCNTs
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