

## Supporting Information

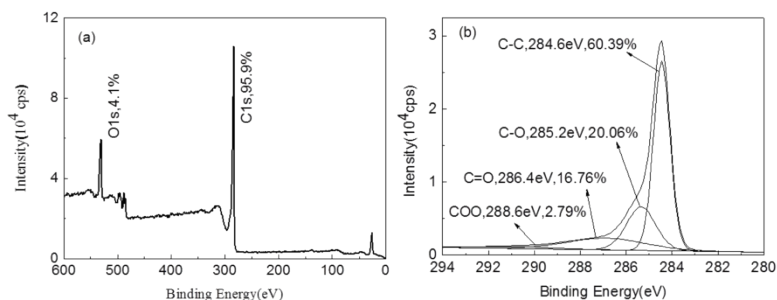


Figure.S1. XPS curves of pristine MWCNTs, (a) wide scan, (b) C1s narrow scan

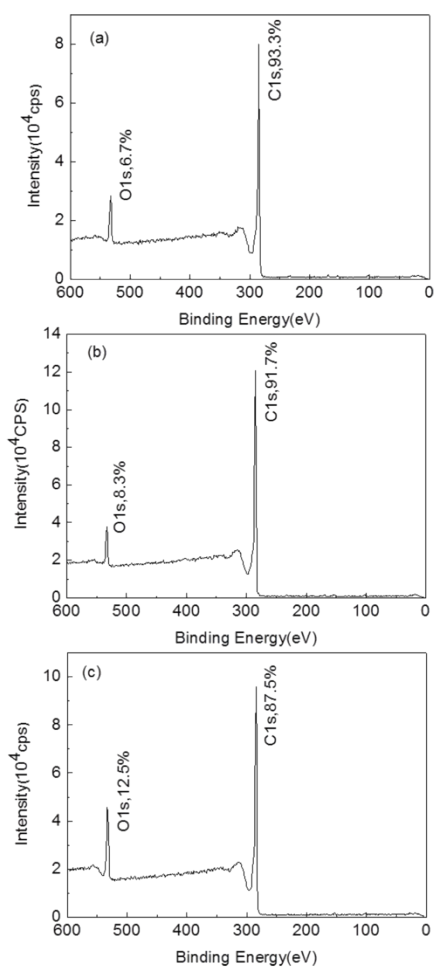


Figure.S2. XPS curves of wide scan of acid MWCNTs, (a) MWCNTs-3h, (b) MWCNTs-5h, (c) MWCNTs-7h

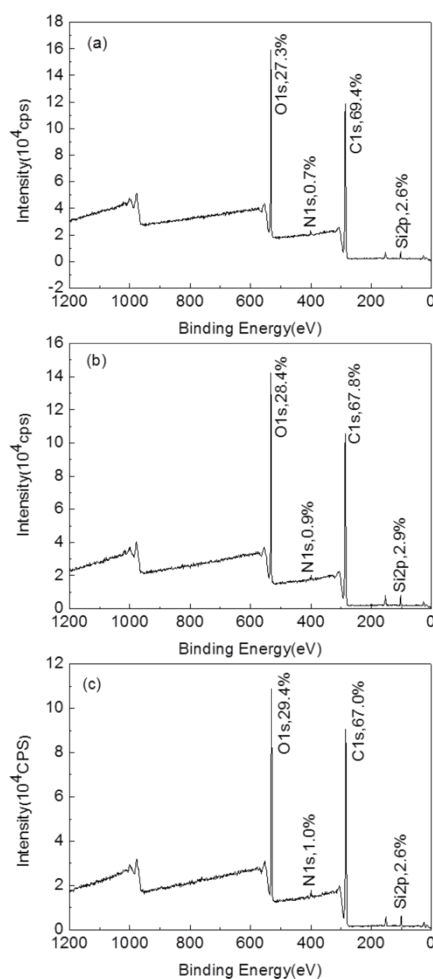


Figure.S3. XPS curves of wide scan of MWCNTs-NOHMs, (a) MWCNTs-NOHM-3h, (b) MWCNTs-NOHM-5h, (c) MWCNTs-NOHM-7h