

Supporting Information

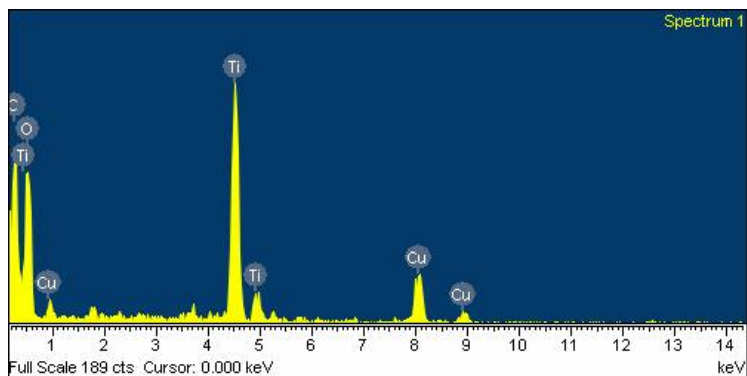


Fig. S1 Energy dispersive X-ray spectroscopy (EDS) of NS-Ti₄O₇

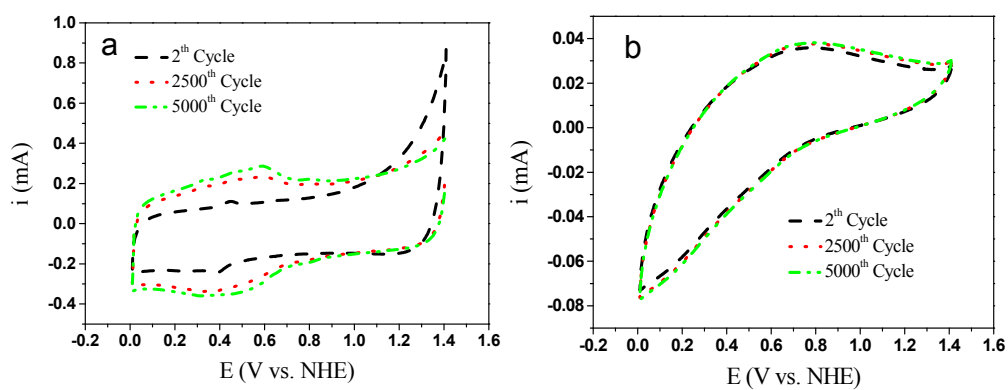


Fig.S2 CV plots of XC-72 (a) and Ti₄O₇ (b) during electrochemical ADT tests

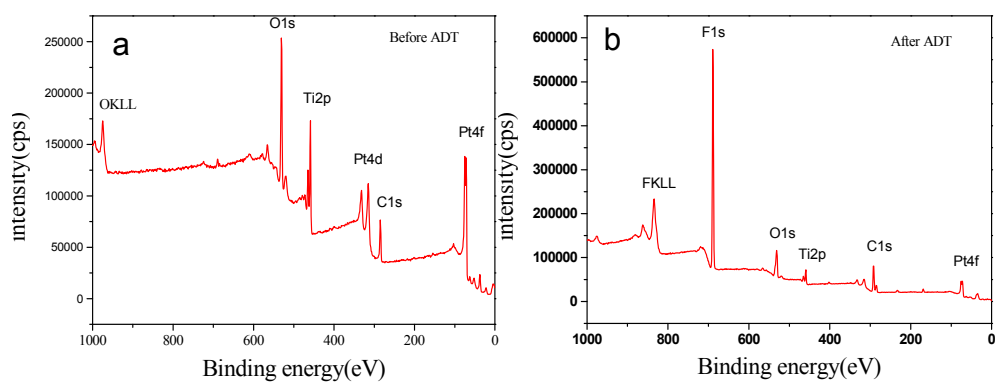


Fig. S3 XPS survey scans of Pt/NS-Ti₄O₇ before(a) and after(b) ADT

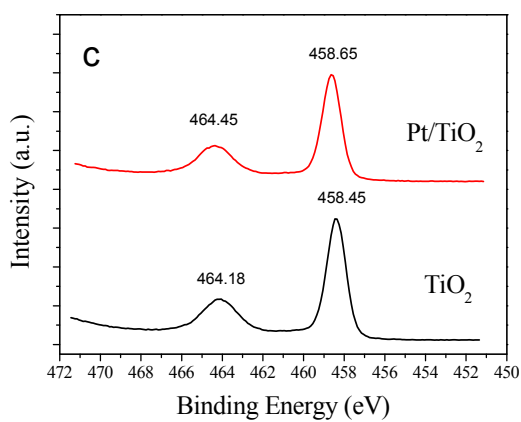
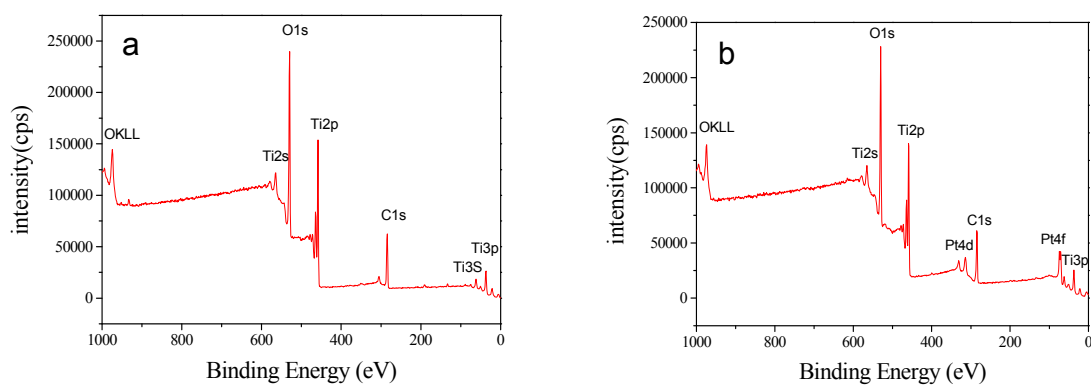


Fig. S4 XPS survey scans of TiO₂(a) and Pt/TiO₂(b) and XPS spectra of Ti 2p for TiO₂ and Pt/TiO₂ (c)