Supporting information

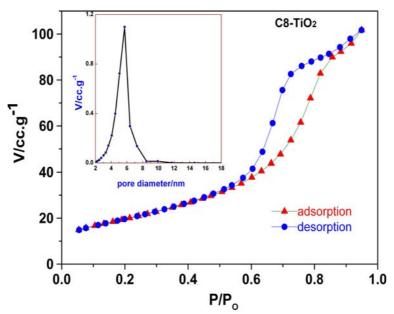
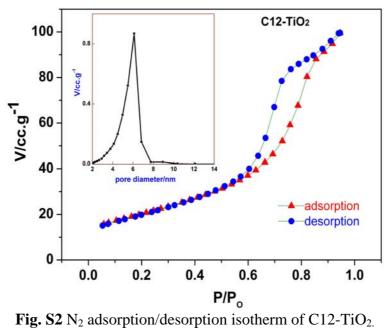


Fig. S1 N₂ adsorption/desorption isotherm of C8-TiO₂.



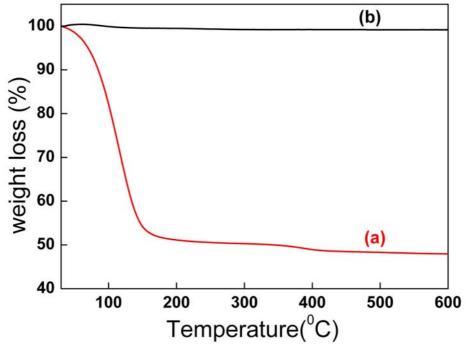


Fig. S3 TGA curves a) before heat treatment of the precursour in air, b) after calcination at $450 \, ^{\circ}\text{C/6}$ h in air.

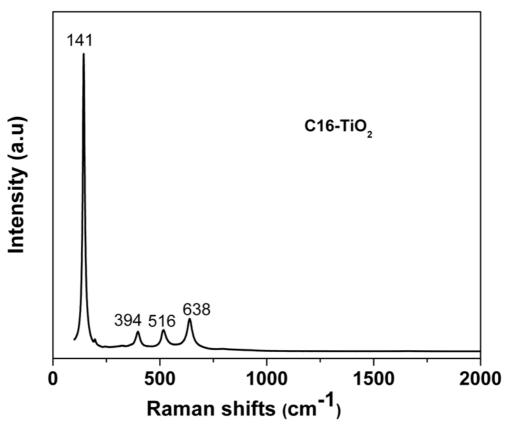


Fig. S4 Raman spectrum of meso C16-TiO₂

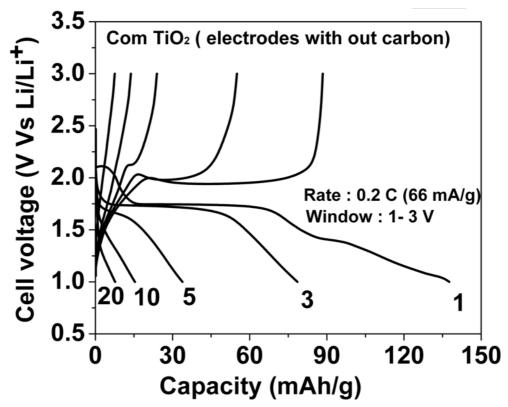


Fig. S5 Charge–discharge voltage profiles of Commercial-TiO₂ (electrodes without carbon)