

Supplementary information

Figure S1 N₂ adsorption–desorption isotherms of manganese oxide

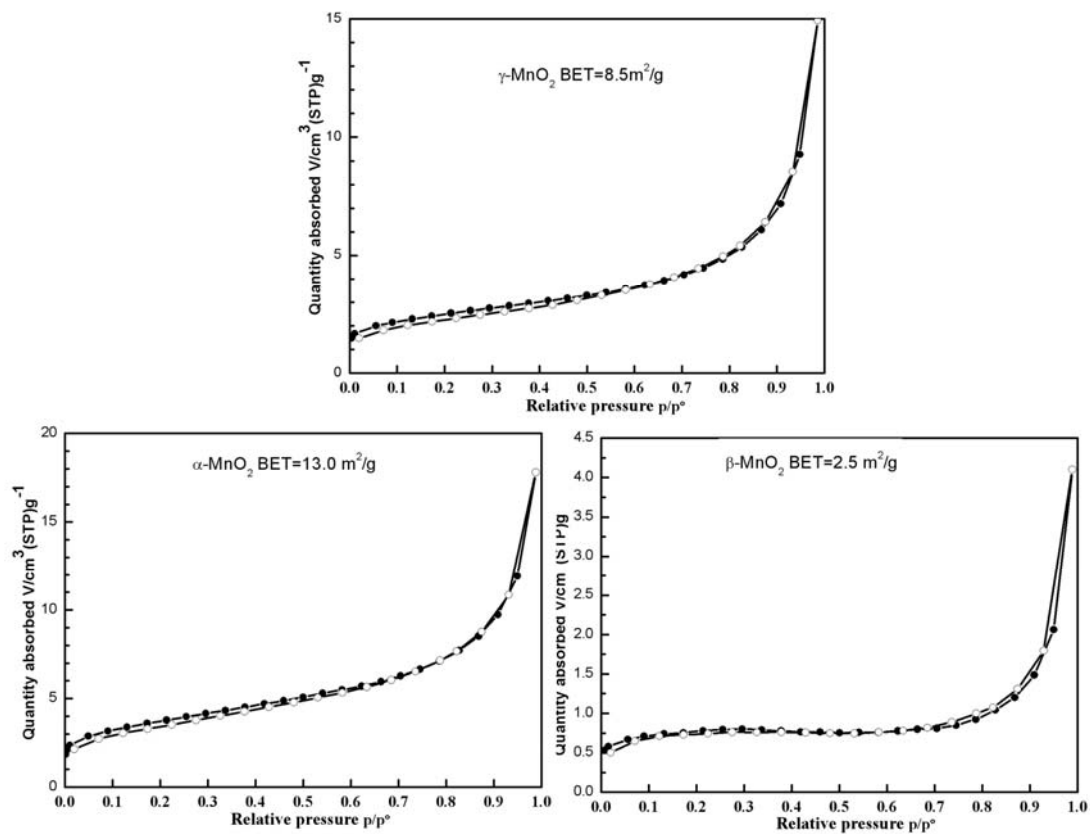


Figure S2 TEM and HRTEM images of Mn_3O_4

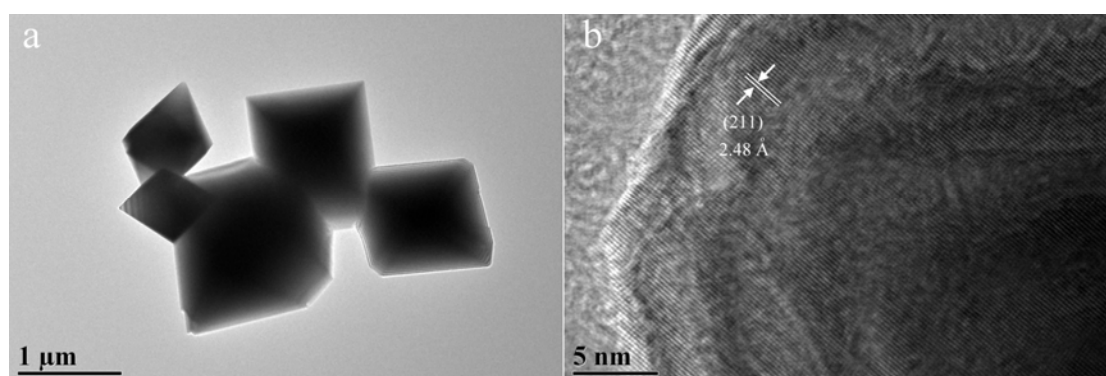


Figure S3 SEM image of MnOOH synthesized under a condition: 1 mmol MnSO₄ + 1.75 mmol KClO₃ + 0.1 mL AcOH; 15 mL distilled water; 12 h, 160 °C;

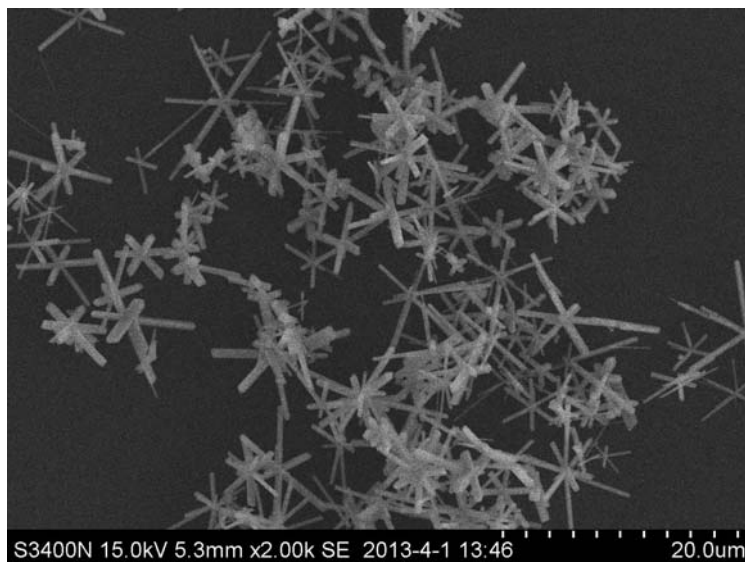


Figure S4 TG-DSC curves of MnOOH

