

Supplementary Materials

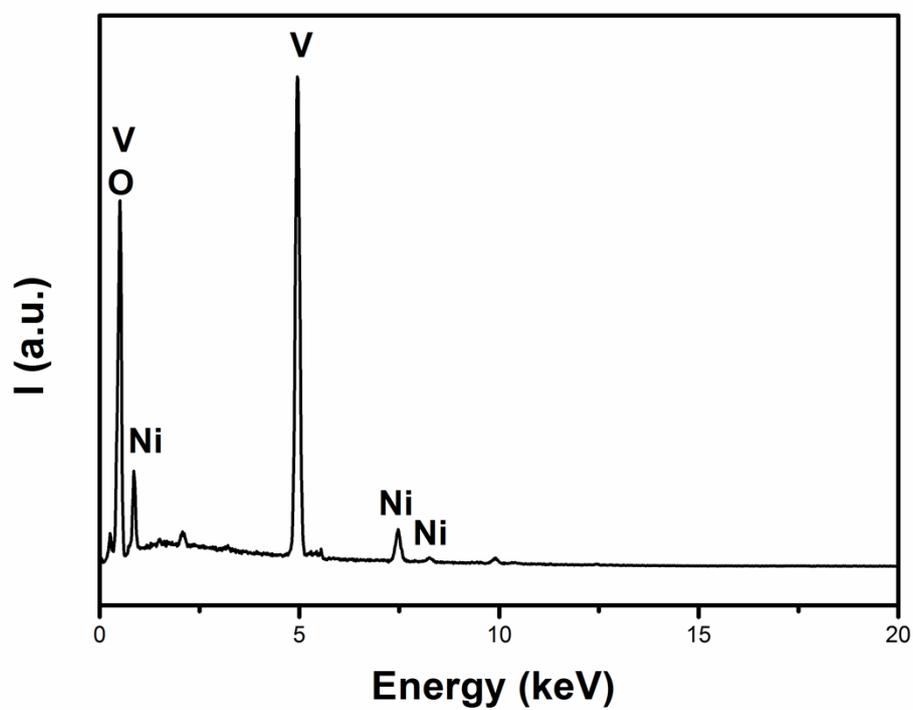


Fig.S1 EDS of Ni-V₂O₅ microspheres.

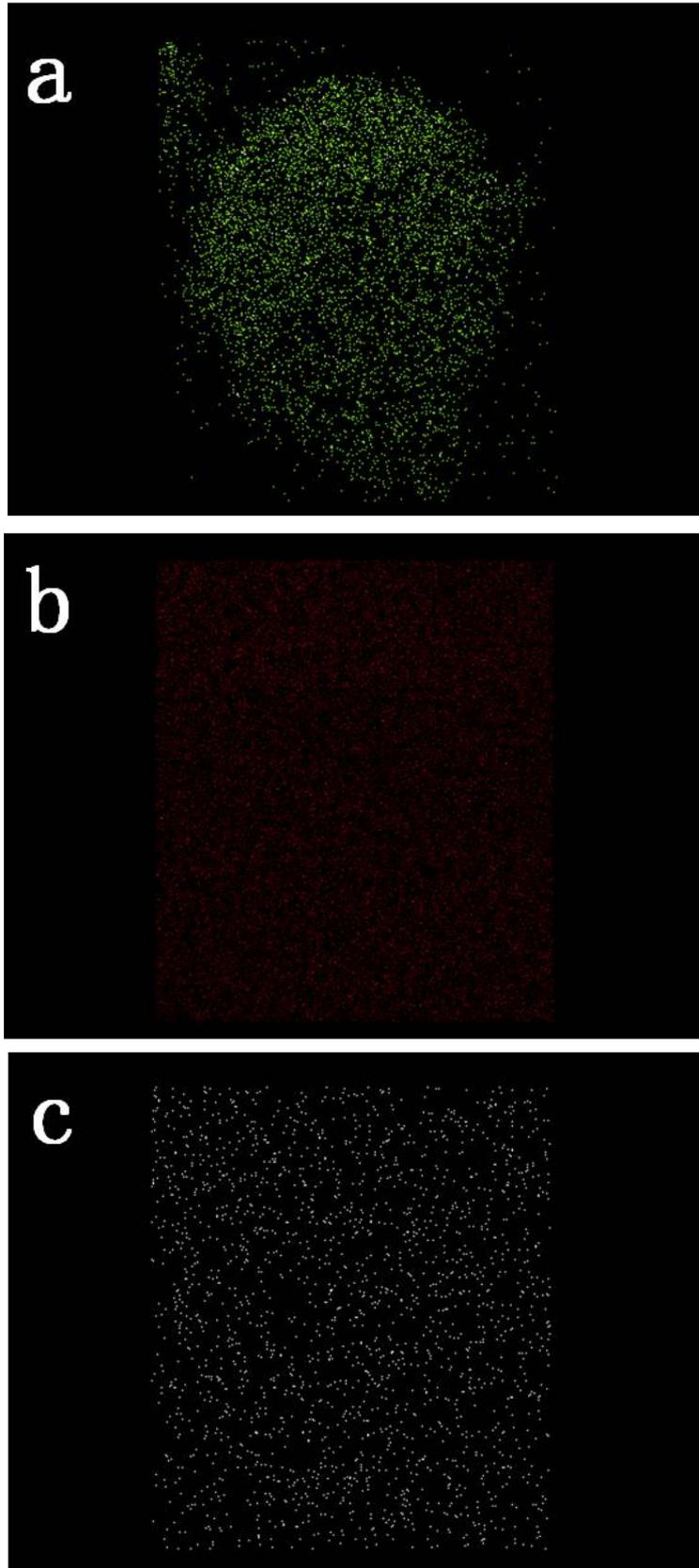


Fig.S2 The corresponding elemental mapping of O (a), V (b) and Ni (c).

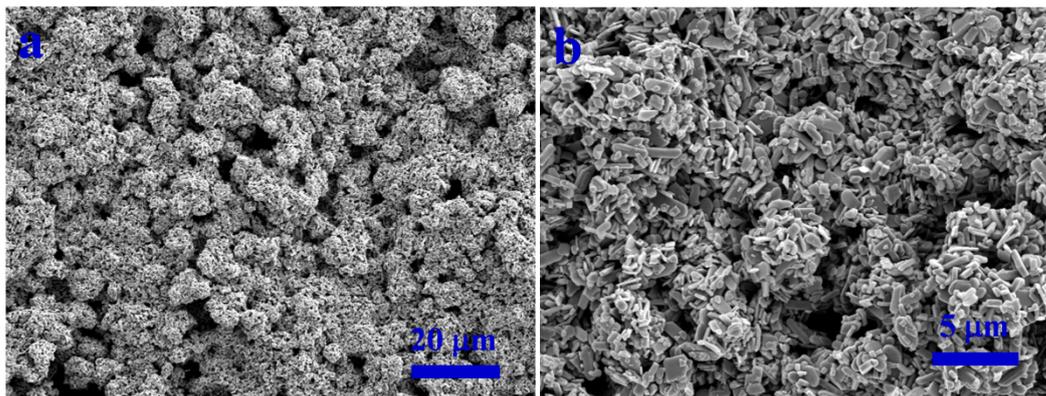


Fig.S3 SEM images of V_2O_5 samples.

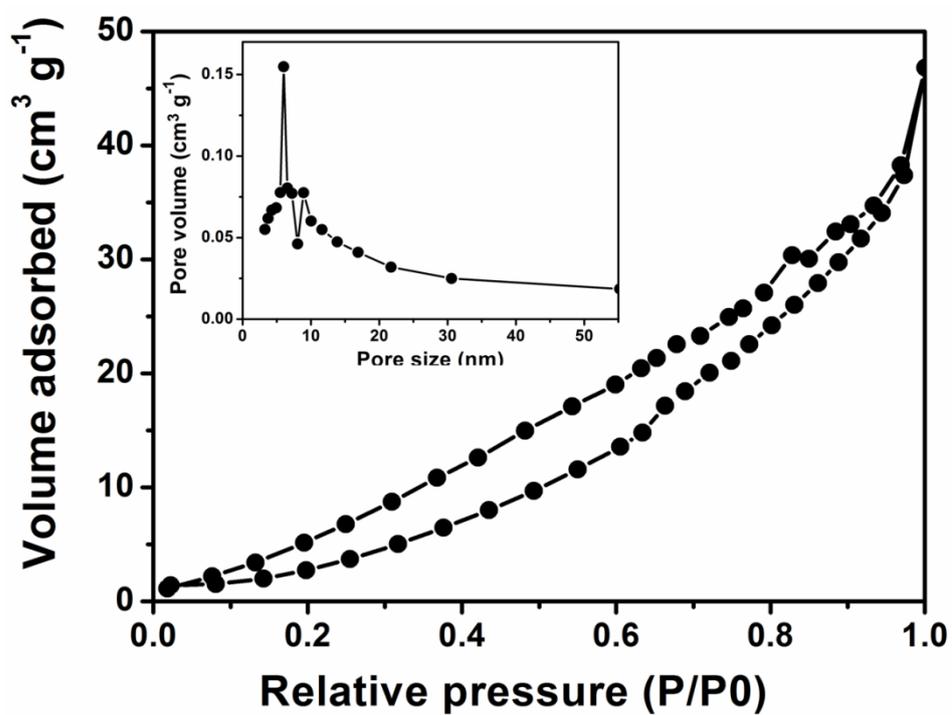


Fig. S4 N_2 adsorption/desorption isotherm and corresponding BJH pore-size distribution curves of Ni- V_2O_5

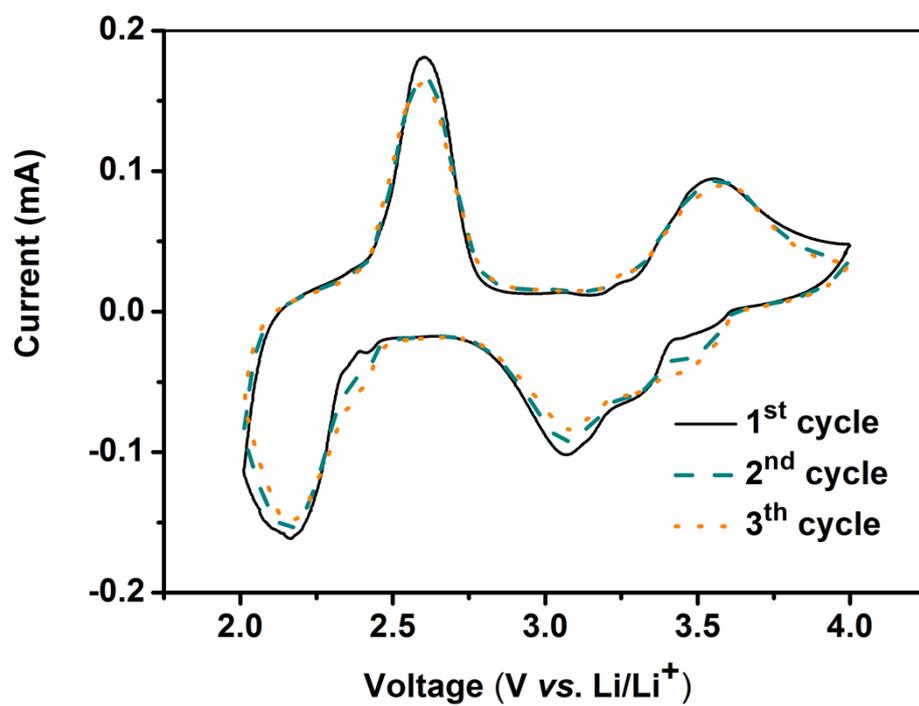


Fig. S5 The first three consecutive CVs of the Ni-V₂O₅ hollow microspheres at a scan rate of 0.2 mV s⁻¹.