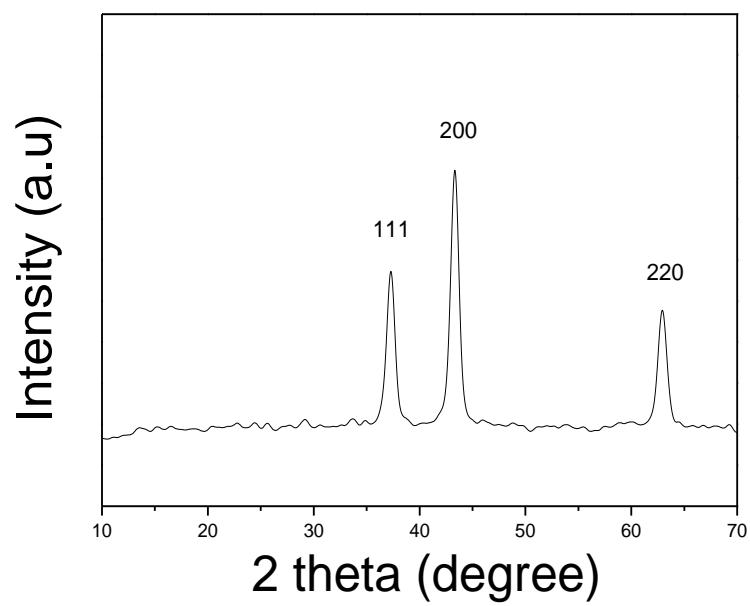
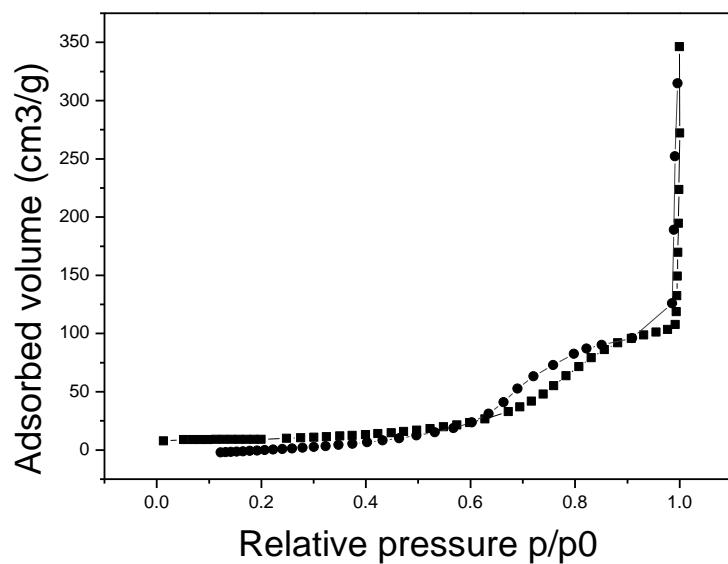


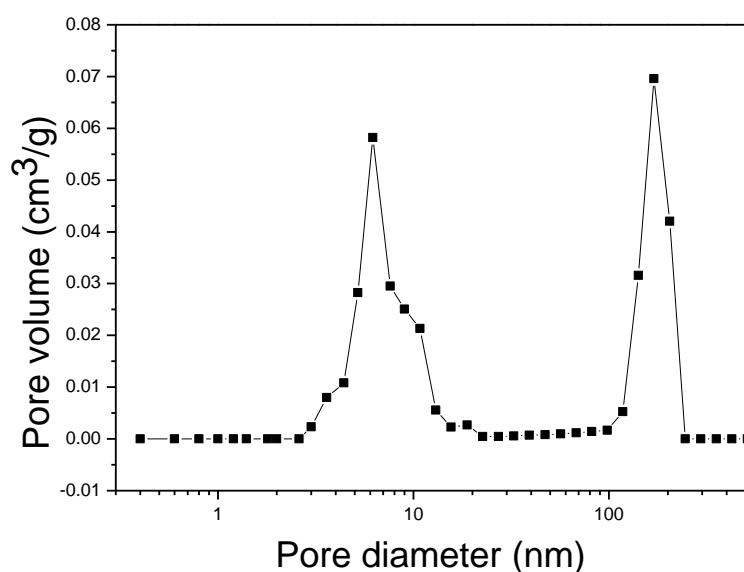
## Supporting information



**Figure S1.** XRD patterns of referenced NiO nanoparticles (NiO-R)



**Figure S2.** N<sub>2</sub> adsorption and desorption isotherms for NiO-R



**Figure S3.** Pore size distribution calculated by BJH model calculation on the desorption branch data for NiO-R