

Supplementary Information

Monodisperse cubic pyrite NiS_2 dodecahedrons and microspheres synthesized by solvothermal process in a mixed solvent: their thermal stability and magnetic property

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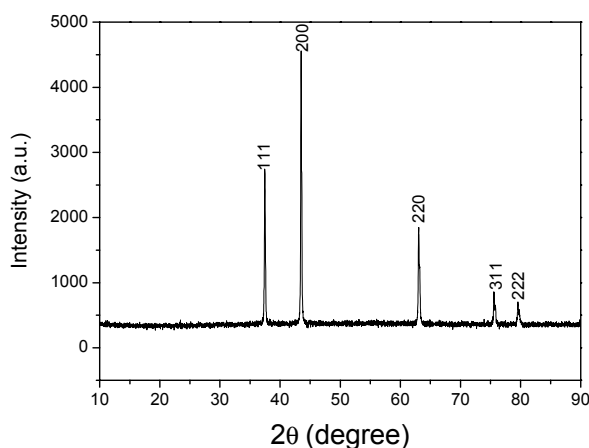


Fig. S1 XRD pattern of the NiO porous microspheres prepared from the collection of the residue of the decomposition of the NiS_2 microspheres under air condition until 1000°C with a heating rate of $10^\circ\text{C min}^{-1}$.

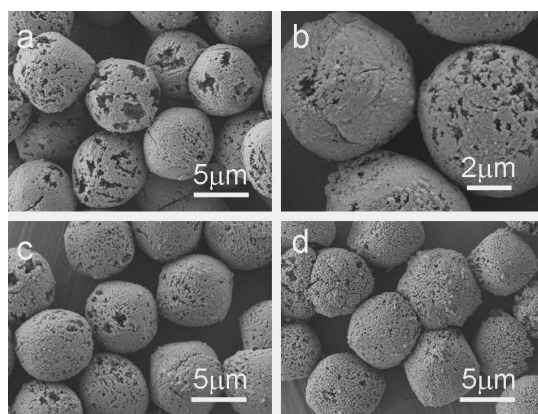


Fig. S2 SEM images of the collected residues of the decomposition of the NiS_2 microspheres in air at different temperature: (a) 450°C , (b) 570°C , (c) 670°C , and (d) 800°C .