

Synthesis of Nickel Hierarchical Structures and Evaluation on Their Magnetic Properties and Congo Red Removal Ability

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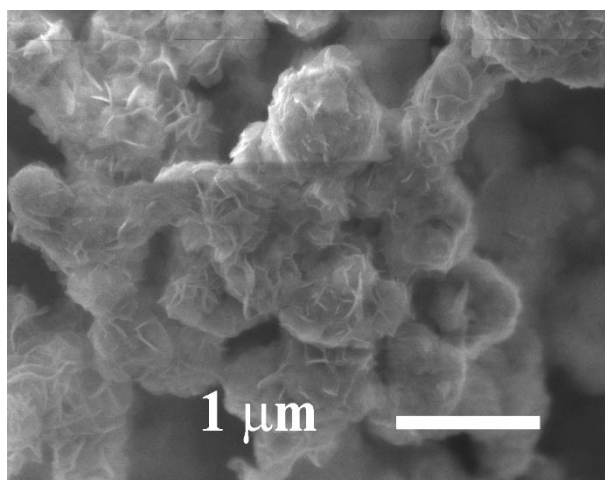


Fig. S1. The SEM image of S6 was obtained when the reaction time was 6 h

It can be found that not all of the nickel particles are covered by the nanoflakes. So we can conclude that the nanoflakes are not grown from the center but from the external surface.

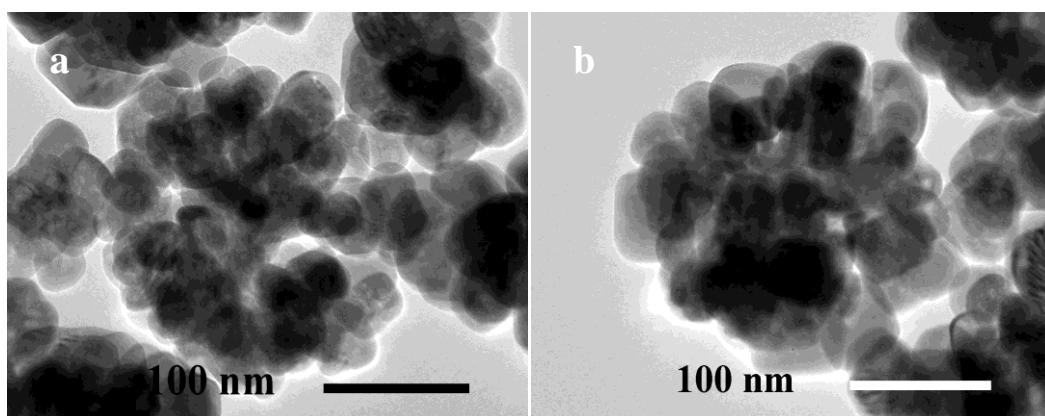


Fig. S2. TEM figures: (a) S1 and (b) S2

The morphologies of S1 and S2 were composed of 10 nm and 30 nm of nanoparticles, respectively.

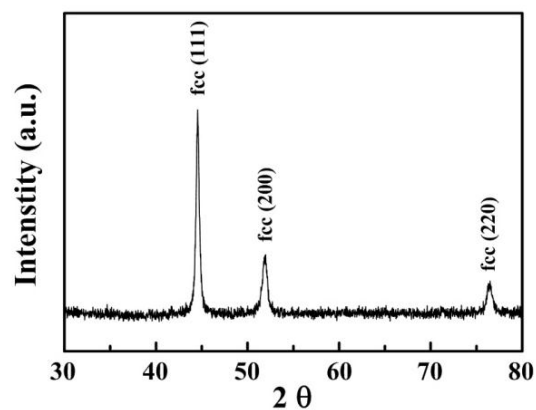


Fig. S3 XRD pattern of the S7 collected by solvothermal treatment for 12 h at 220 °C

Table S1

Sample	S1	S2	S3	S4	S5	S6	S7
BET surface area (m ² /g)	68	63	59	52	57	42	35