

Electronic Supplementary Information

Temperature Controlled Shape Evolution of Iron Oxide Nanostructures in HMTA Media

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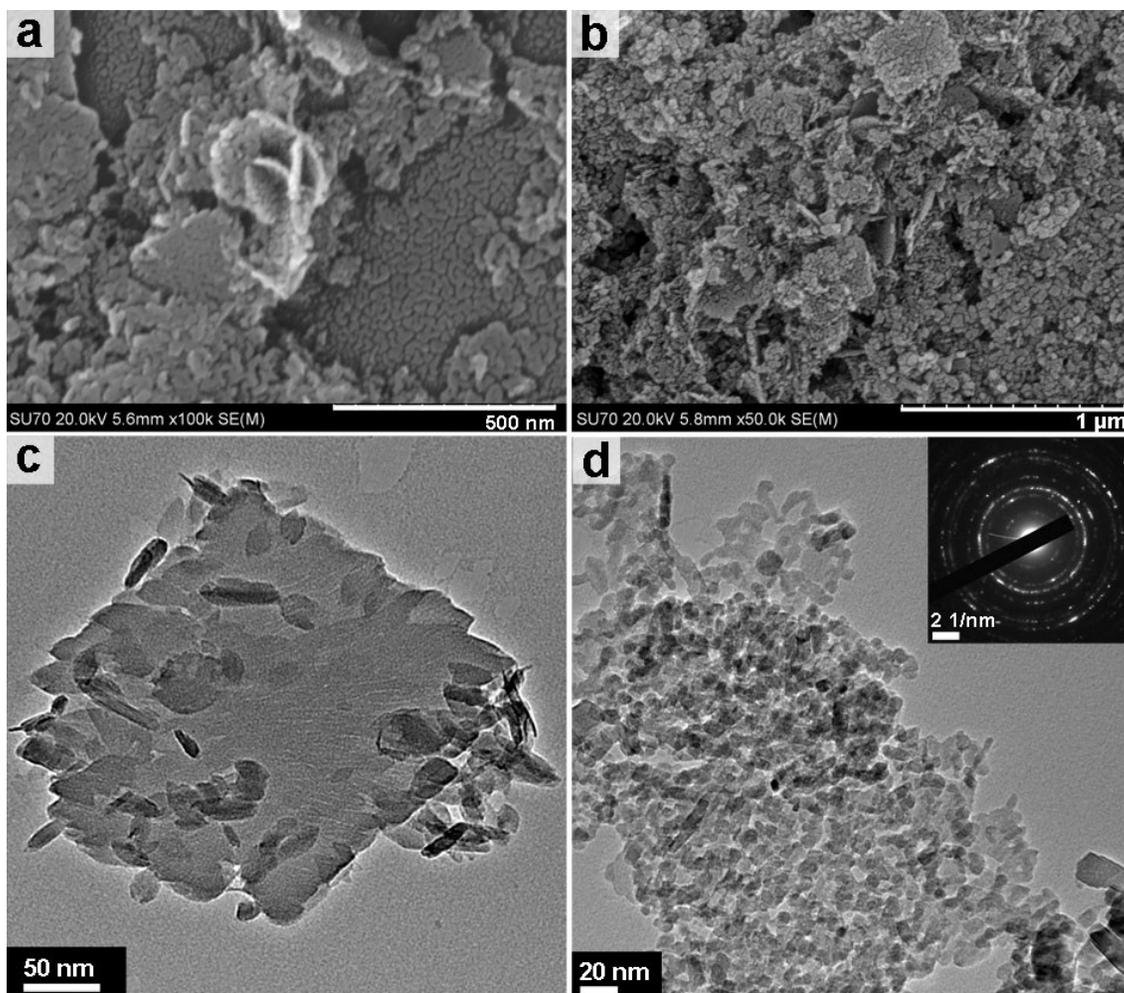


Fig. S1 FESEM and TEM images of the sample obtained under solvothermal treatment at 160 °C (a & c) and then calcined at 400 °C (b & d); Inset in Fig. S1d: the corresponding SAED pattern.

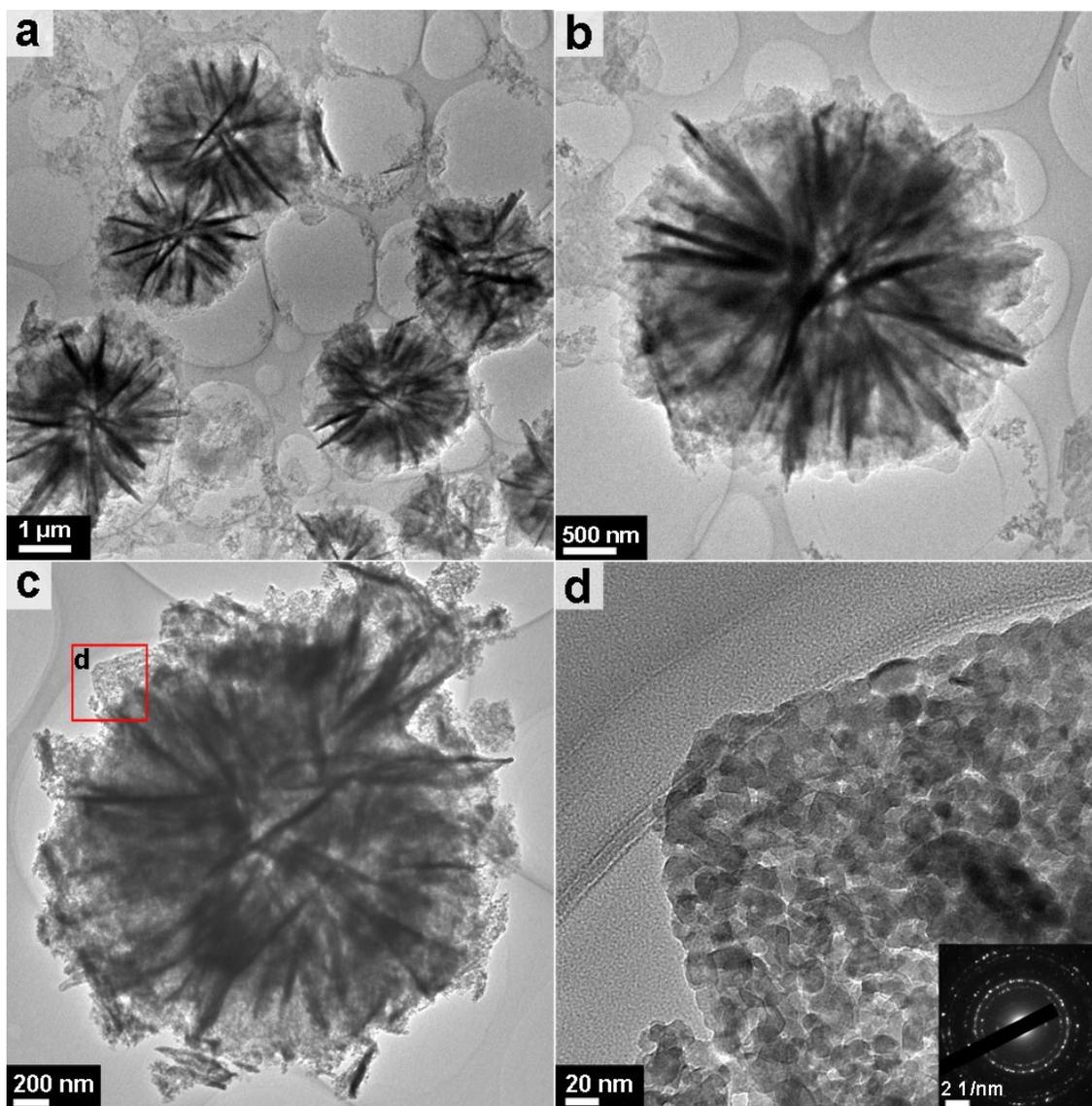


Fig. S2 TEM images of the sample obtained under solvothermal treatment at 180 °C (a & b) and then calcined at 400 °C (c & d); Inset in Fig. S2d: the corresponding SAED pattern.

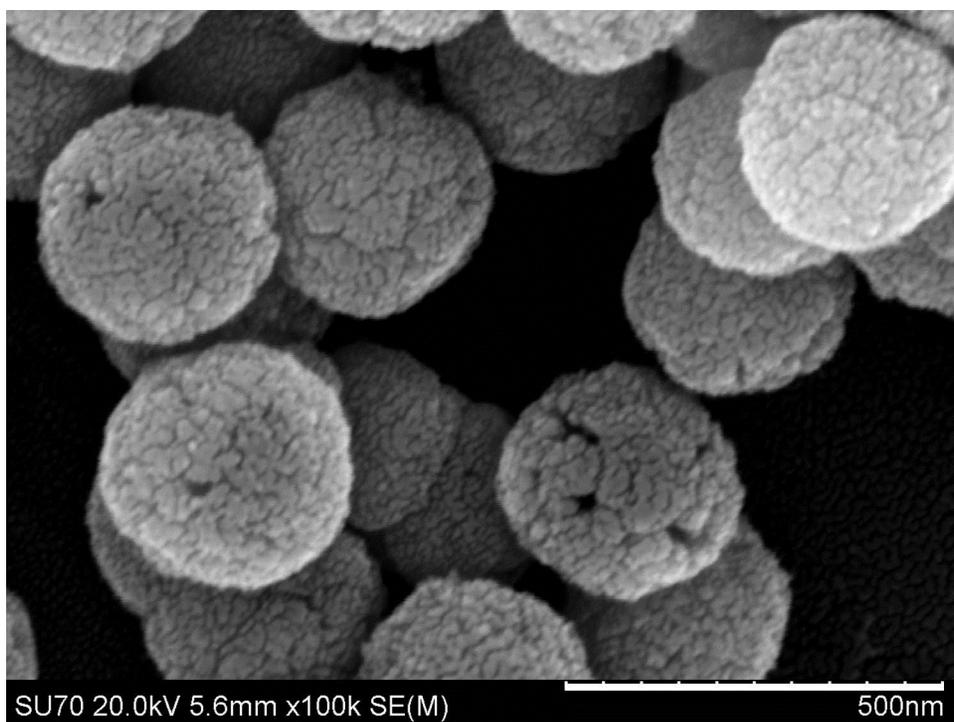


Fig. S3 FESEM image of the sample obtained under solvothermal treatment at 200 °C.

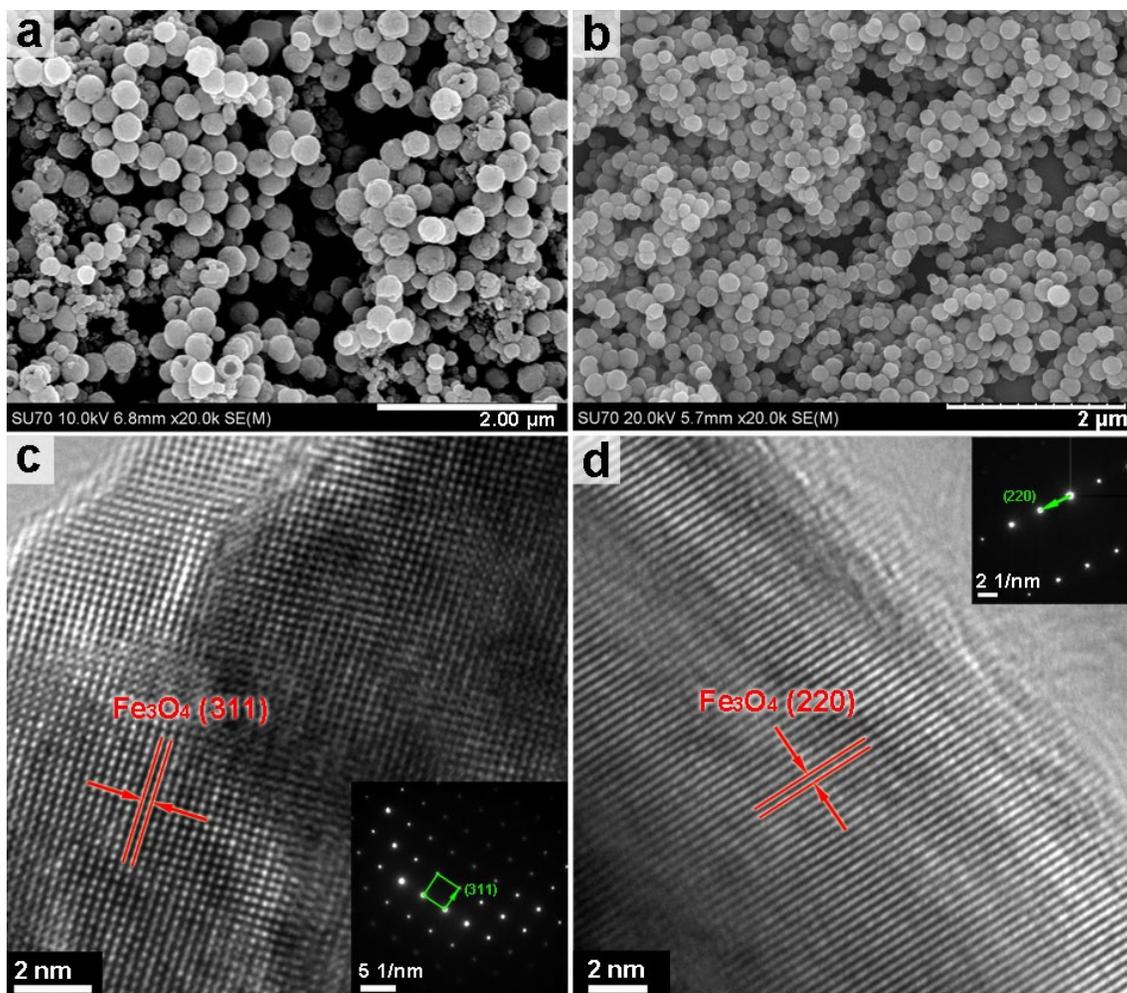


Fig. S4 FESEM and TEM images of the samples obtained under solvothermal treatment at 220 °C (a & c) and 240 °C (b & d); Inset in Fig. S3c or S3d: the corresponding SAED patterns.

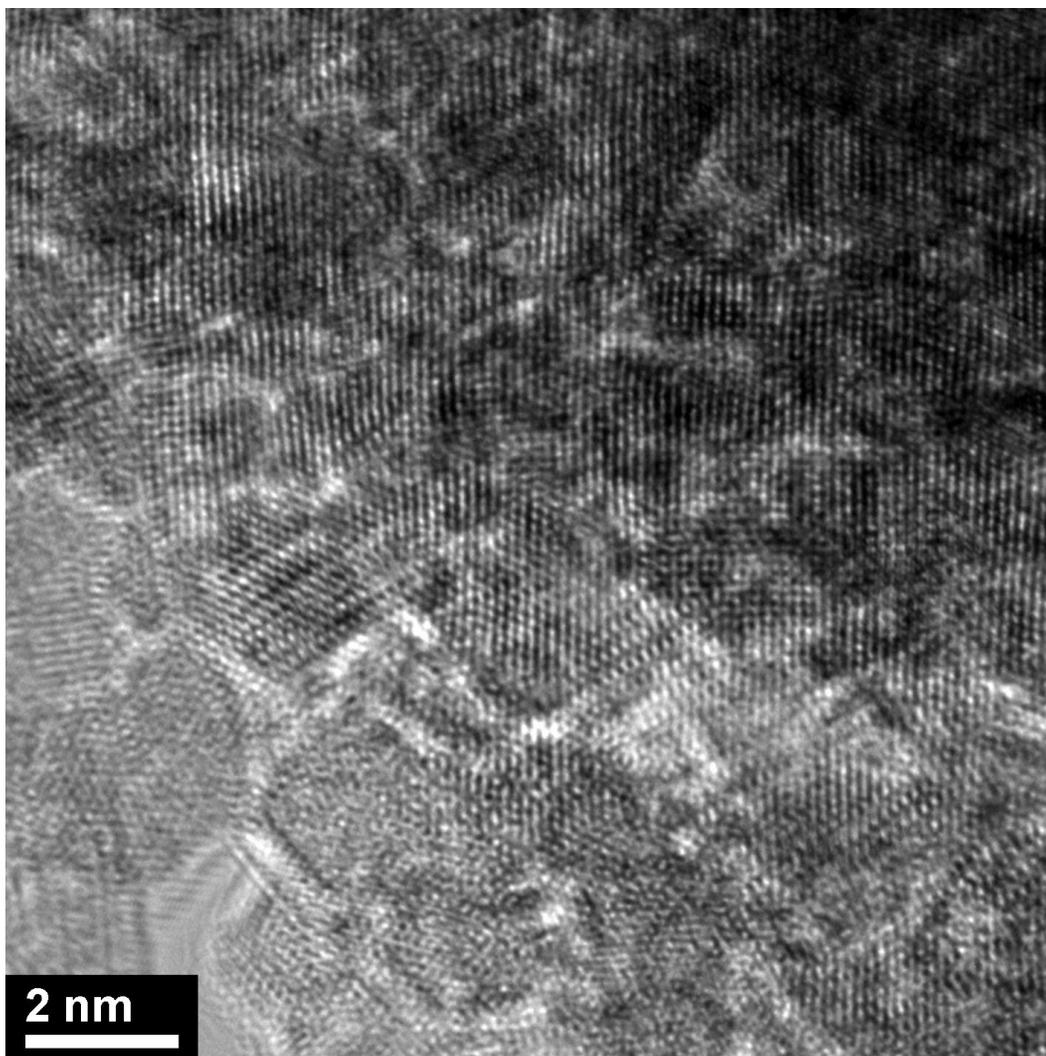


Fig. S5 The magnified TEM image for Fig. 6f in the main paper.

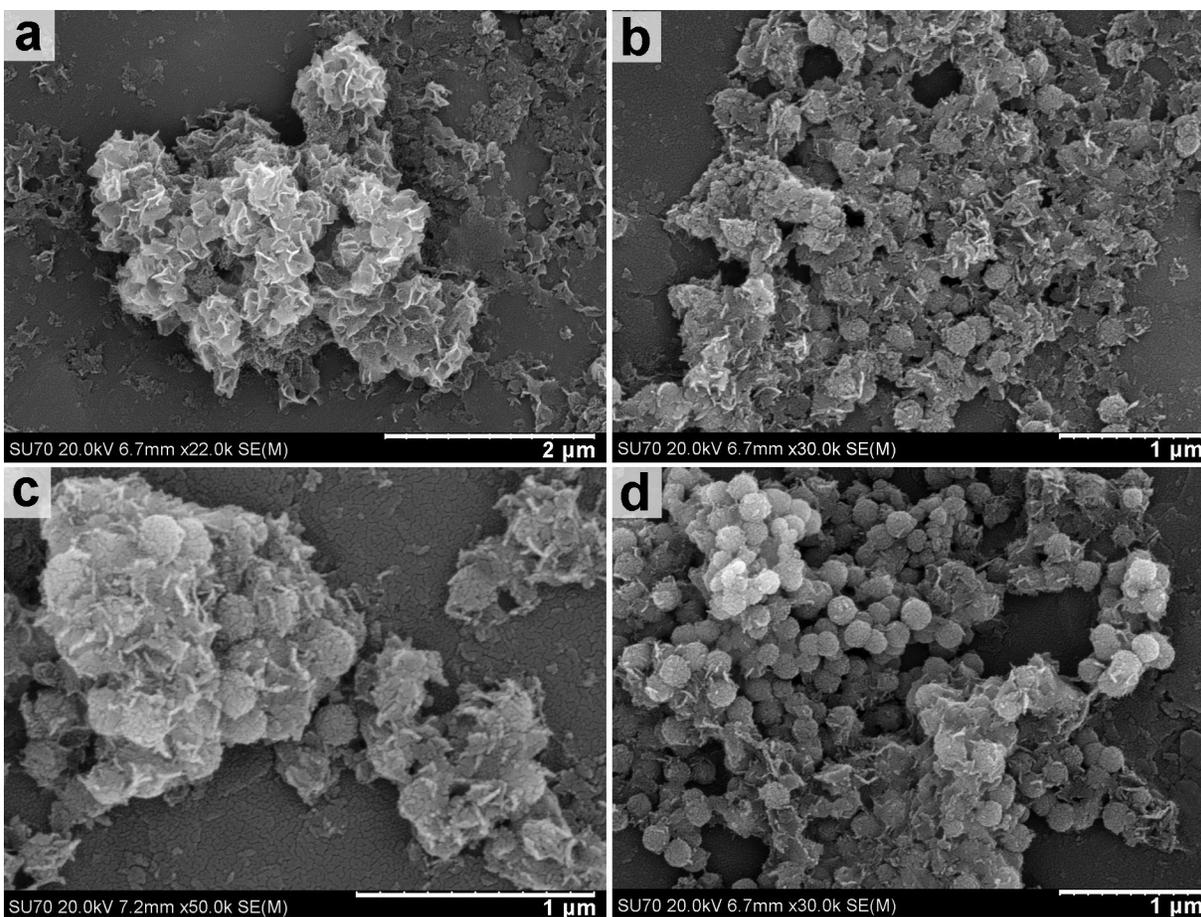


Fig. S6 FESEM images of the samples obtained under solvothermal treatment at 200 °C for for 7 (a), 8 (b), 9 (b) and 10 h (c & d).