

Electronic Supplementary Information

A cheap and facile route to synthesize monodisperse magnetic nanocrystals and application as MRI agent

Guixin Yang, Fei He,* Ruichan Lv, Shili Gai, Ziyong Cheng, Yunlu Dai, and
Piaoping Yang*



Fig. S1 A photograph of a Petri dish containing 40 g of MnFe₂O₄ nanocrystals.

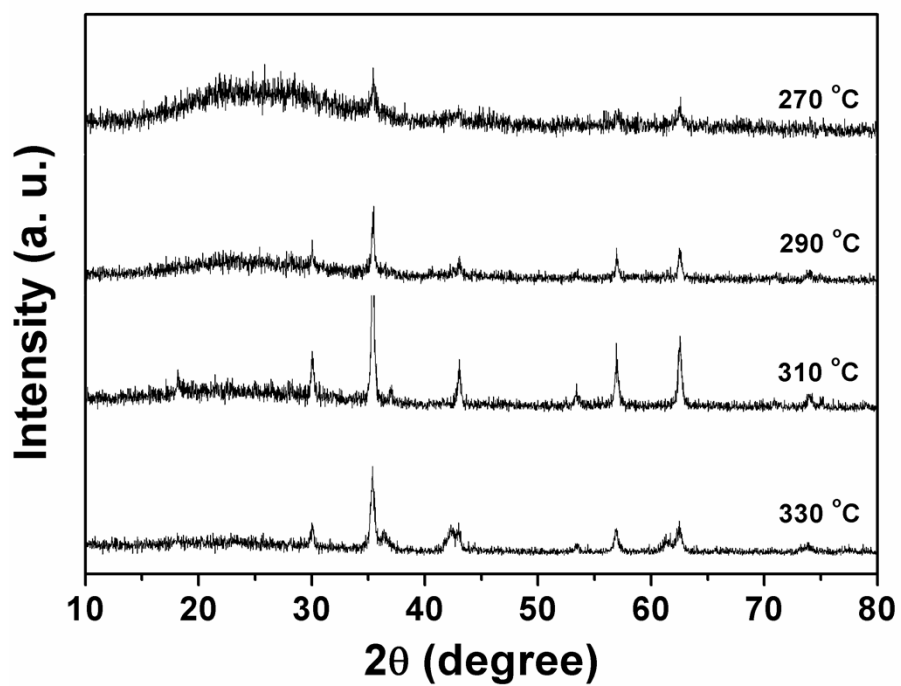


Fig. S2 XRD patterns of CoFe₂O₄ NCs synthesized for reaction time of 2 h at 270 °C, 290 °C, 310 °C and 330 °C.

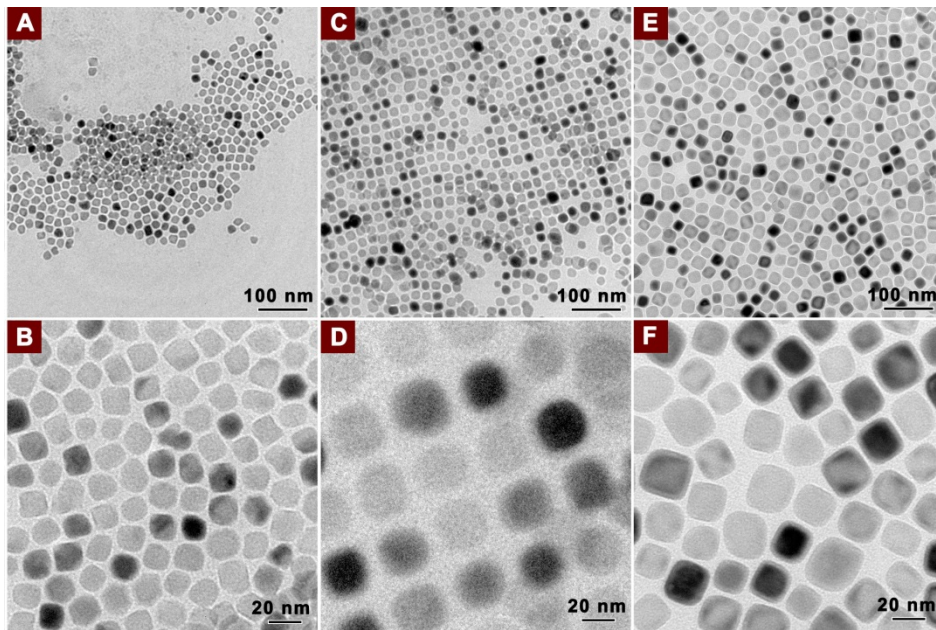


Fig. S3 TEM images of CoFe₂O₄ NCs synthesized for reaction time of 2 h at 290 °C (A, B), 310 °C (C, D), and 330 °C (E, F).

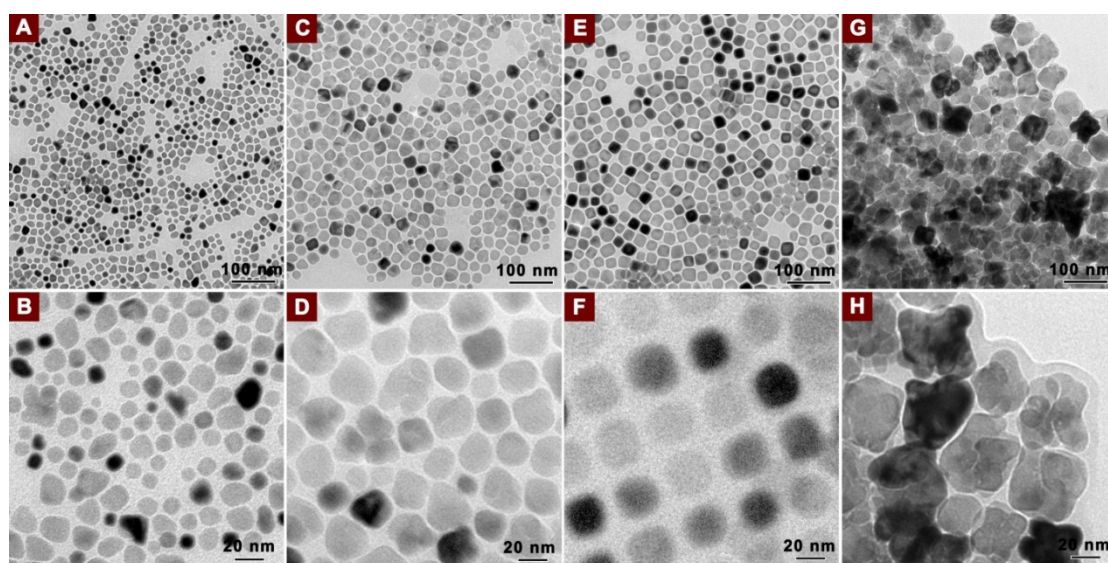


Fig. S4 TEM images of CoFe₂O₄ NCs synthesized at 310 °C for reaction time of 0.5 h (A, B), 1 h (C, D), 2 h (E, F), and 4 h (G, H).