Supplementary information for
Synthesis of Nonstoichiometric Zinc Ferrite Nanoparticles with Extraordinary Room Temperature Magnetism and Their Diverse Applications

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Fig.S1 SEM image of sample ZF7, which are synthesized with using 12 mmol of Fe precursors and 15 mmol of Zn precursors.

Fig.S2 Characterizations on (311) diffraction peaks of Zn-ferrite samples (ZF0–ZF6).
Fig. S3 Dynamic light scattering (DLS) of sample ZF3 (Zn-ferrite with size around 102 nm) dispersed in oleic acid.

Fig. S4 SEM image of Zn ferrite particles synthesized with using 16 mmol of Fe precursors and 8 mmol of Zn precursors.