

Supporting Information

Self-aggregation and assembly of size-tunable transition metal doped ZnO nanocrystals

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Fig. S1. ESR spectra of Mn doped ZnO samples. Inset shows the hyperfine splitting signals S-1 and S-2 of Mn doped ZnO samples.

Fig. S2. SEM micrograph of Mn doped ZnO samples showing broad size distribution of spherical particles (Inset: Histogram showing size distribution of spherical particles).

Fig. S3. FTIR spectrum of Mn doped ZnO samples.

Fig. S4. Typical magnetization vs. temperature curve of Mn doped ZnO samples in the range of 5 - 300 K measured at an applied field of 800 Oe.

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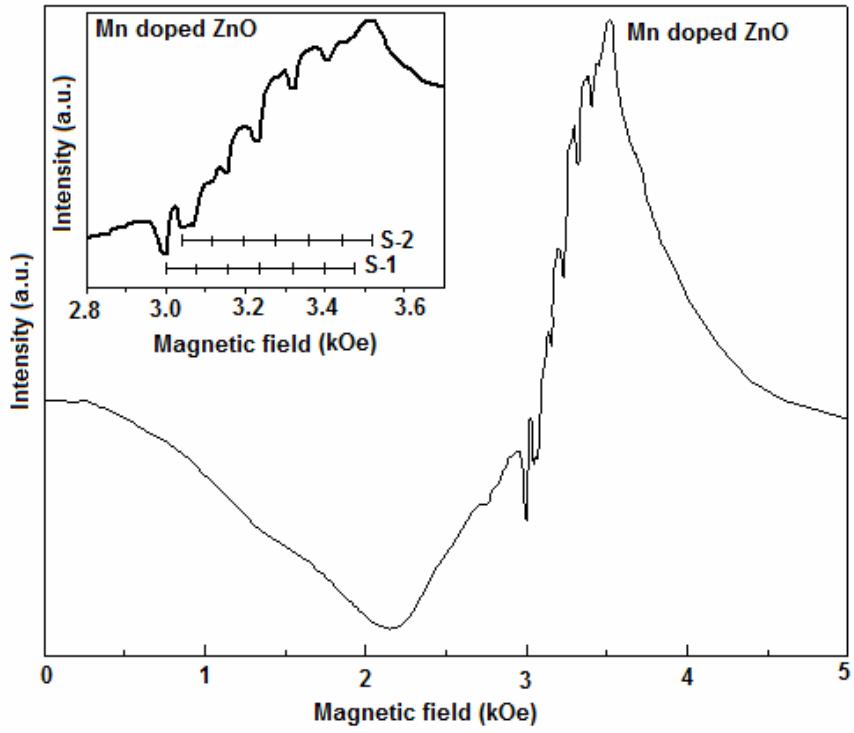


Fig. S1

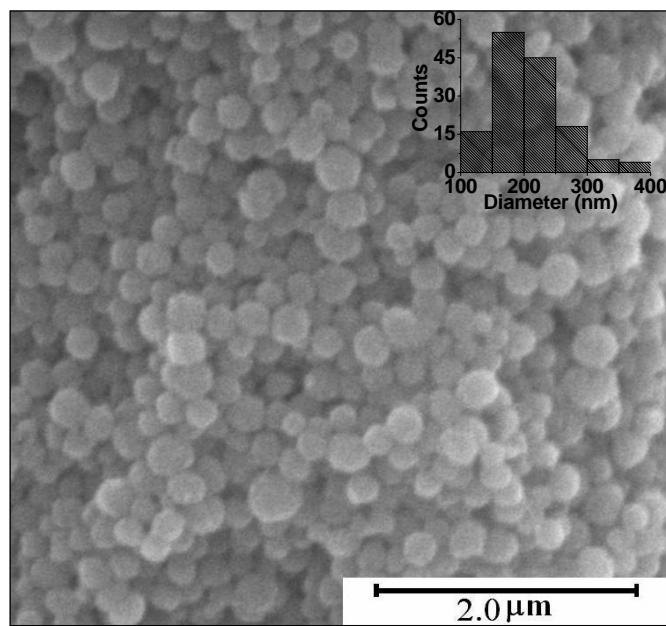


Fig. S2

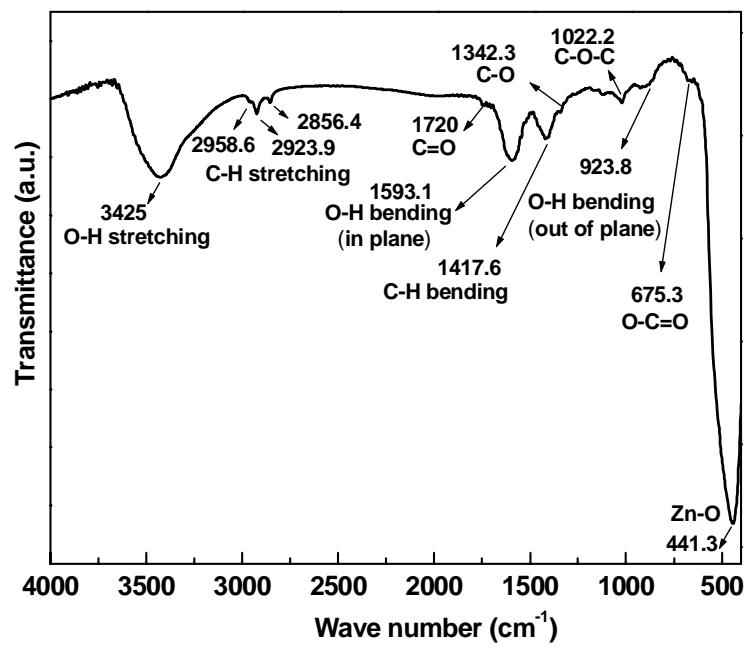


Fig. S3

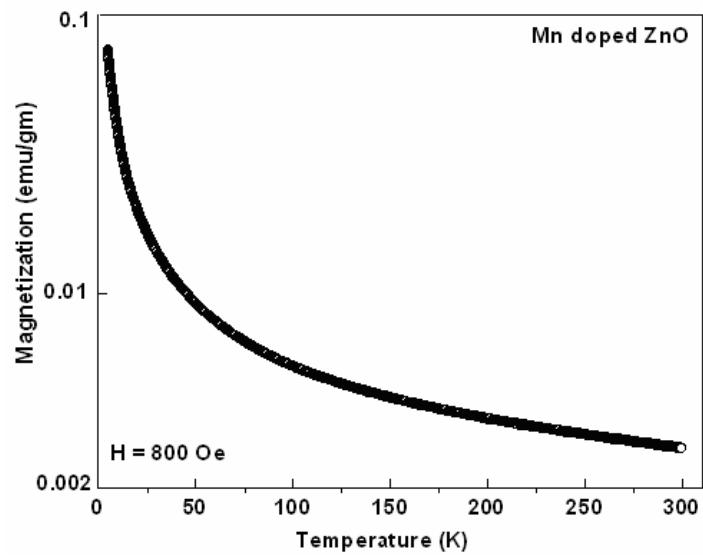


Fig. S4