Spinel ferrite/MnO core/shell nanoparticles: Chemical synthesis of all-oxide exchange biased architectures

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Supplementary figure

Supplementary figure: Magnetization as a function of temperature (a) and field (b) for a core/shell $\text{ZnFe}_2\text{O}_4/\text{MnO}$ architecture. At 5 K, the hysteresis loop displays some evidence for exchange biasing. The magnetization at 5 K and 40 kOe is too large, by a factor of about 5, for it to arise from uncompensated spins on nanoantiferromagnetic MnO.