

Supporting Information

Unraveling the multi-featured magnetic behavior of $\text{Nd}_{0.75}\text{Sr}_{0.25}\text{CoO}_3$ perovskite nanocrystals annealed at different temperatures

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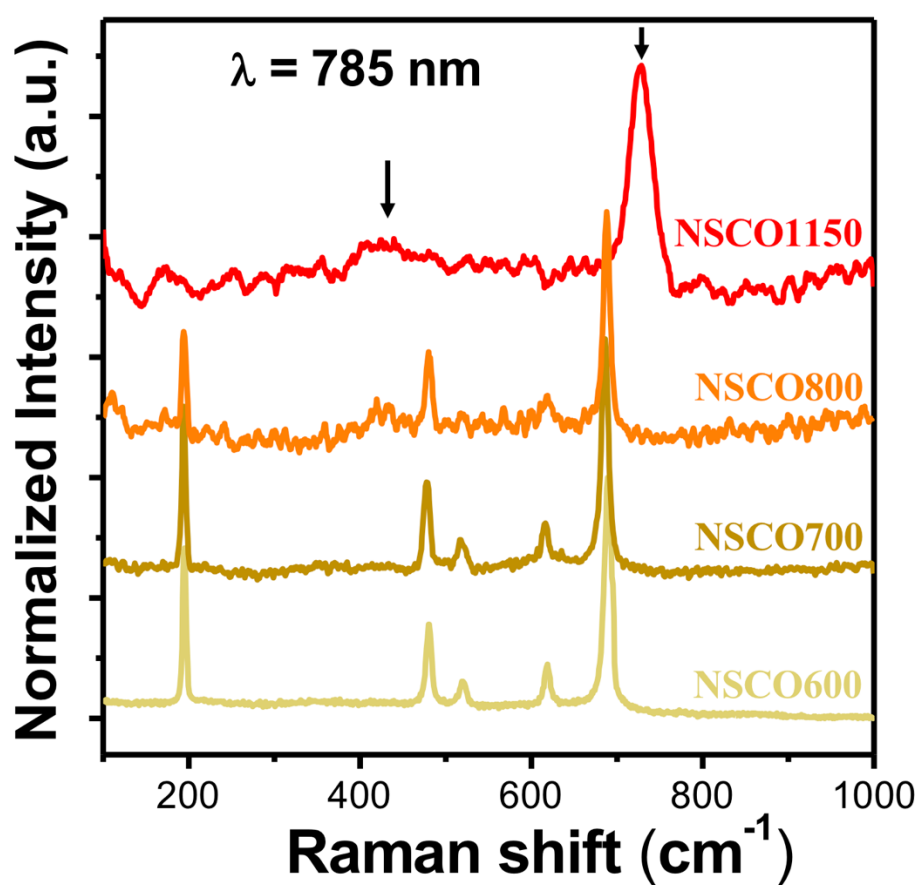


Figure S1. Normalized Raman spectra of the four NSCO600, NSCO700, NSCO800 and NSCO1150 samples, using a 785 nm excitation wavelength.

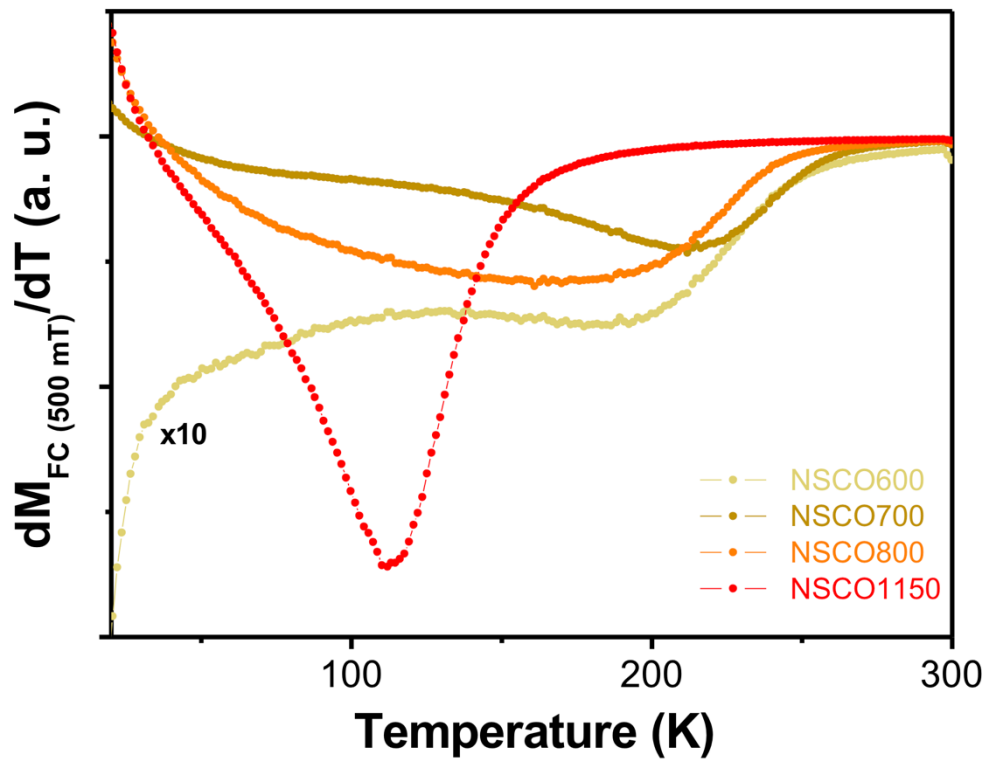


Figure S2. Derivative of the temperature-dependent magnetization (dM_{FC}/dT) versus temperature of the NSCO600, NSCO700, NSCO800 and NSCO1150 samples.

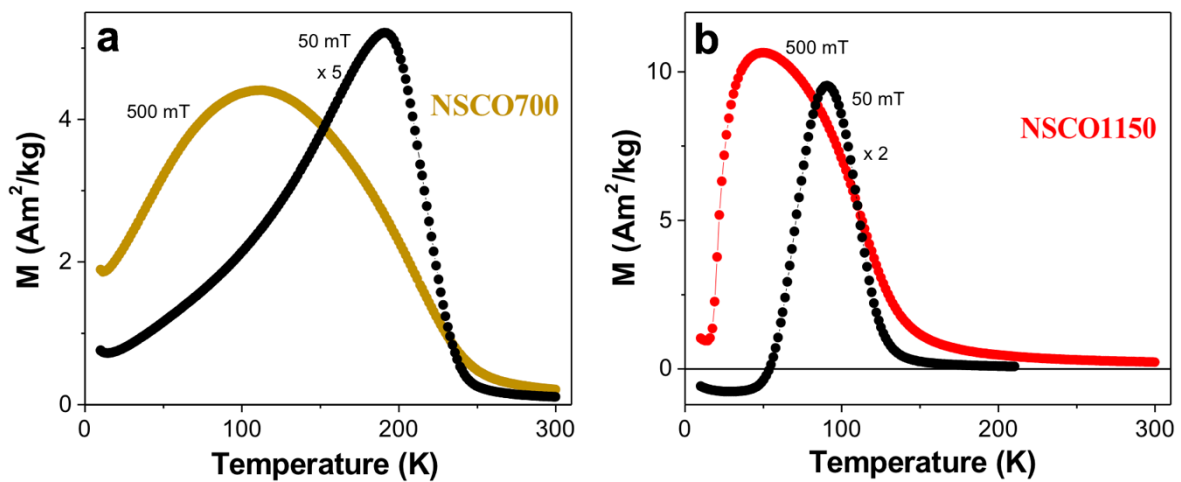


Figure S3. Comparison of ZFC curves of the NSCO700 (a) and NSCO1150 (b) samples measured applying a magnetic field of 500 mT or 50 mT.

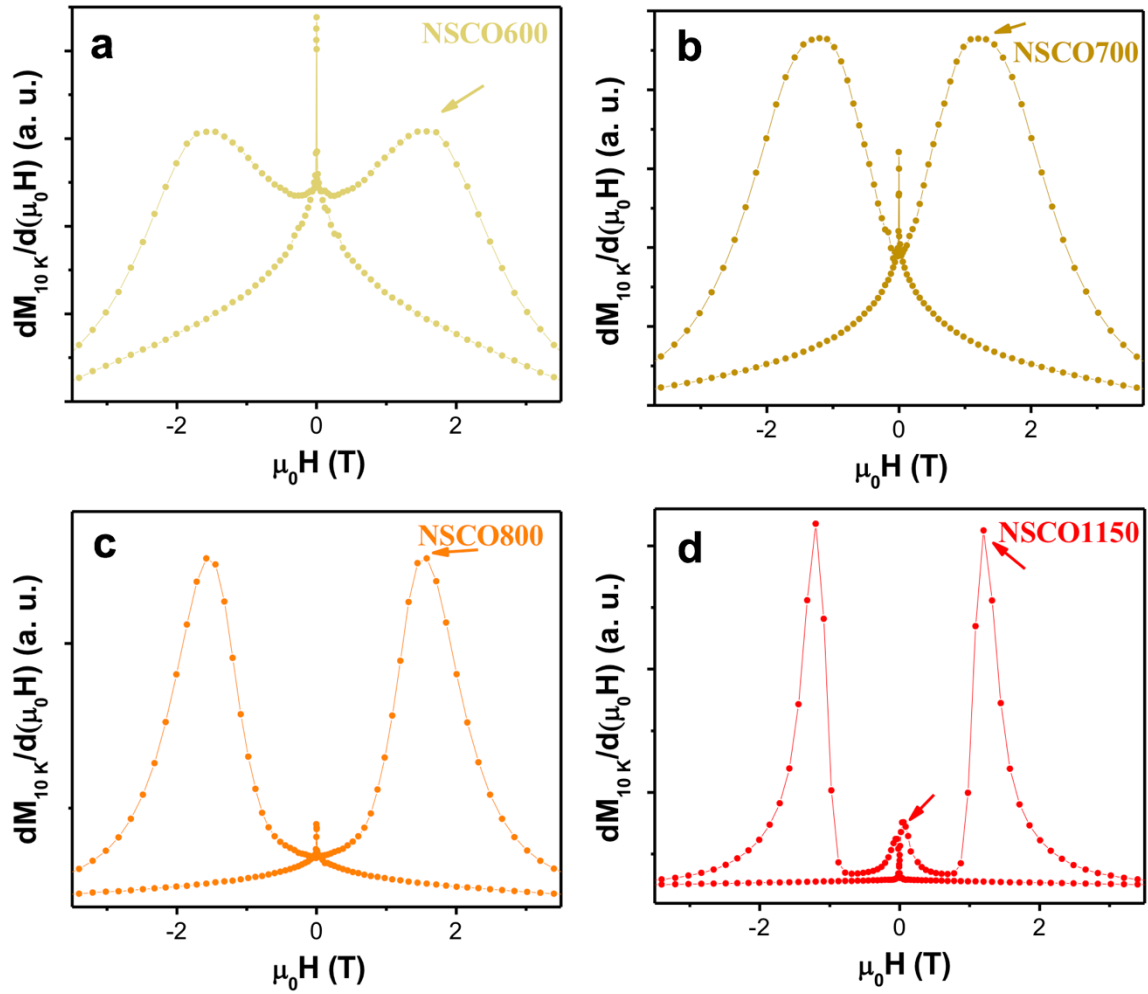


Figure S4. Derivative of the field-dependent magnetization ($dM/d\mu_0H$) recorded at 10 K as a function of the magnetic field of the NSCO600 (a), NSCO700 (b), NSCO800 (c) and NSCO1150 (d) samples.