

Supporting Information

Nanocasting synthesis of mesoporous SnO₂ with tunable ferromagnetic response through Ni loading

By Junpeng Fan,^a Jin Zhang,^a Pau Solsona,^a Santiago Suriñach,^a Maria Dolors Baró,^a Jordi Sort,^{ab} Eva Pellicer^{*a}

^aDepartament de Física, Facultat de Ciències, Universitat Autònoma de Barcelona, E-08193 Bellaterra, Barcelona, Spain. *Eva.Pellicer@uab.cat

^bInstitució Catalana de Recerca i Estudis Avançats (ICREA), Pg. Lluís Companys 23, E-08010 Barcelona, Spain.

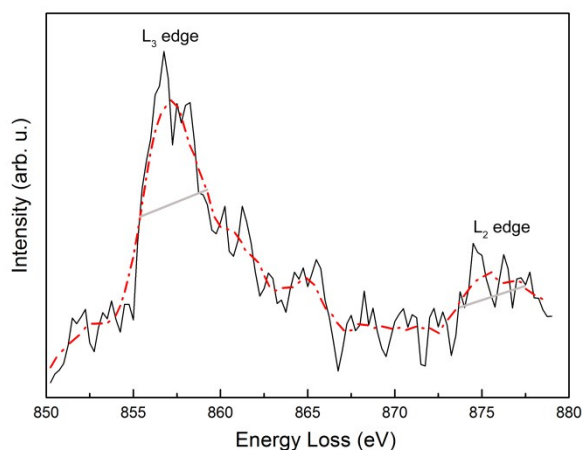


Figure S1. Representative single Ni L_{2,3} spectrum extracted from a spectrum image (raw data and splined fit) for the sample with 6% Ni. Spectrum was taken on the coating surrounding the SnO₂ pores. The integrated intensity ratio of L₃ and L₂ ionization edges gives a value of 2.8.