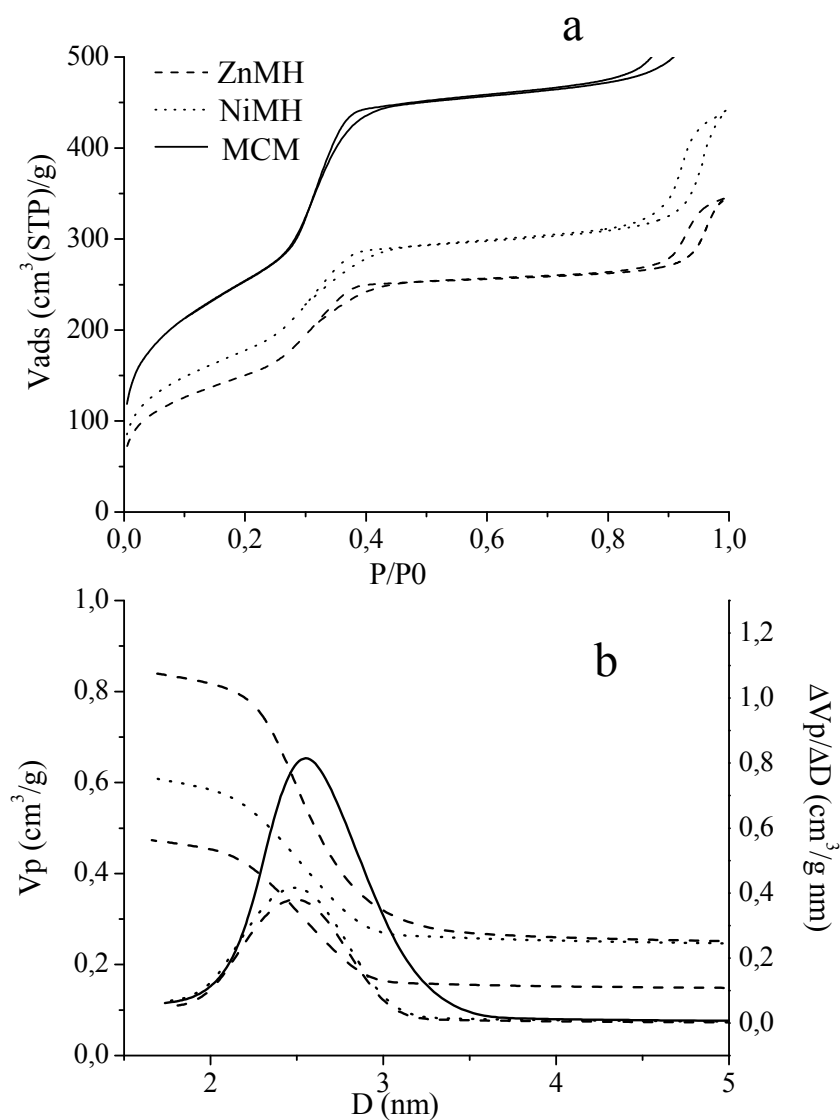


**The MCM matrix as a reducing agent of dipolar interactions in  $\text{NiFe}_2\text{O}_4$  and  $\text{ZnFe}_2\text{O}_4$  nanoparticles.**

M. Virumbrales, R. Saez-Puche, M. J. Torralvo, V. Blanco-Gutierrez

Departamento de Química Inorgánica, Facultad de Ciencias Químicas, Universidad Complutense de Madrid, 28040 Madrid, Spain



**Figure S1.** Adsorption-desorption isotherms (a) and cumulative pore volume and pore size distribution (b) of the samples.

Table S1. Textural parameters for the prepared MCM-type matrix and the composites.

Sample	$S_{\text{BET}}$ ( $\text{m}^2/\text{g}$ )	$V_{\text{p}}$ ( $\text{cm}^3/\text{g}$ )	$d_{\text{pore}}$ (nm)
MCM	925	0.84	2.6
NiMH	648	0.61	2.5
ZnMH	547	0.47	2.5