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FIGURES

Supplementary data for magnetic, structural and surface properties of functionalized maghemite nanoparticles for copper and lead adsorption

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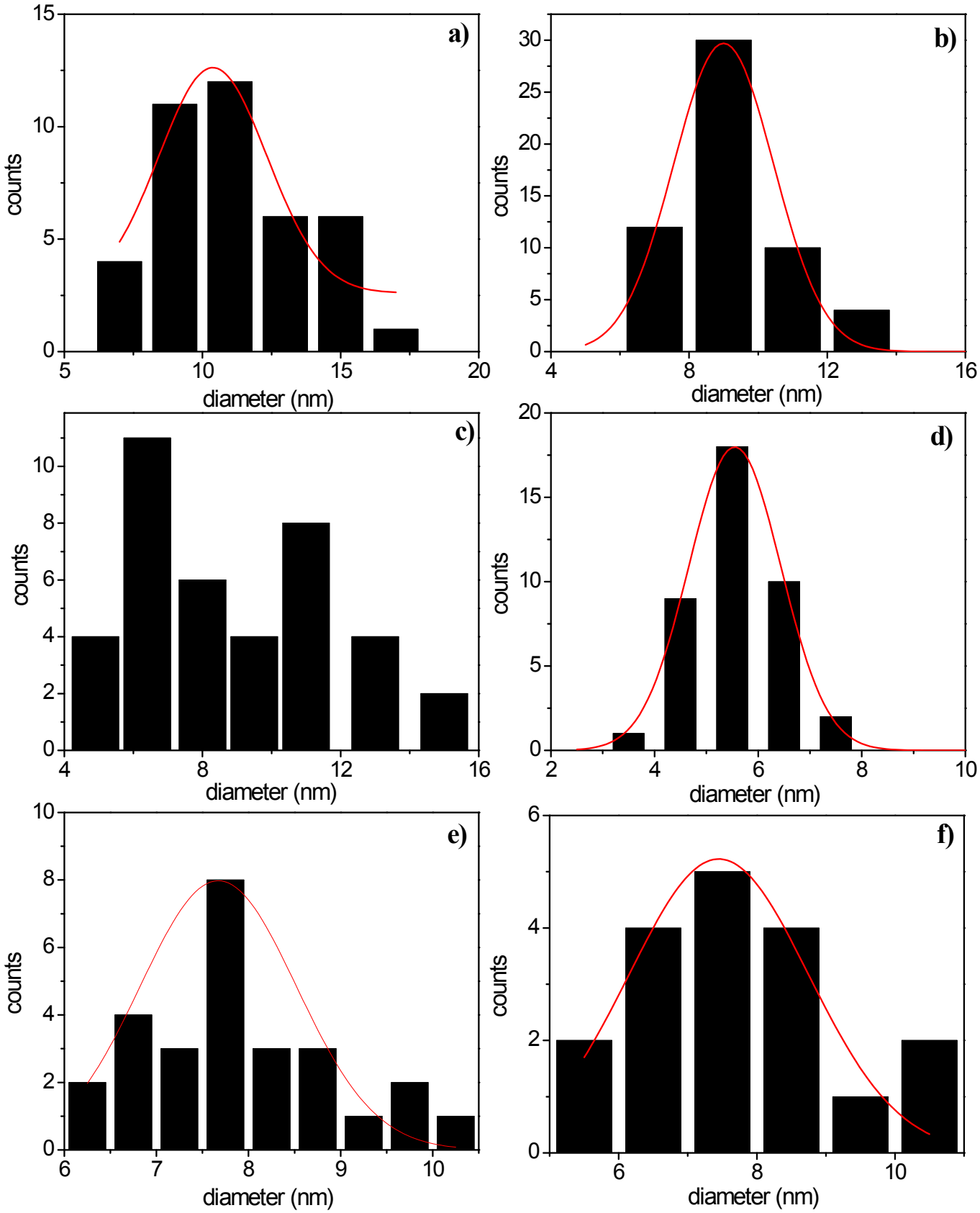
FIGURES


a)
counts
diameter (nm)
b)
counts
diameter (nm)
c)
counts
diameter (nm)
d)
counts
diameter (nm)
e)
counts
diameter (nm)
f)
counts
diameter (nm)

FIGURES

Fig. S1 Size distribution histograms for γ-Fe_2O_3@SiO_2 (a) γ-Fe_2O_3-2 (b), γ-Fe_2O_3@OA (c), γ-Fe_2O_3@LA (d), γ-Fe_2O_3@L-arg (e) and γ-Fe_2O_3@MWCTNs Nps (f).

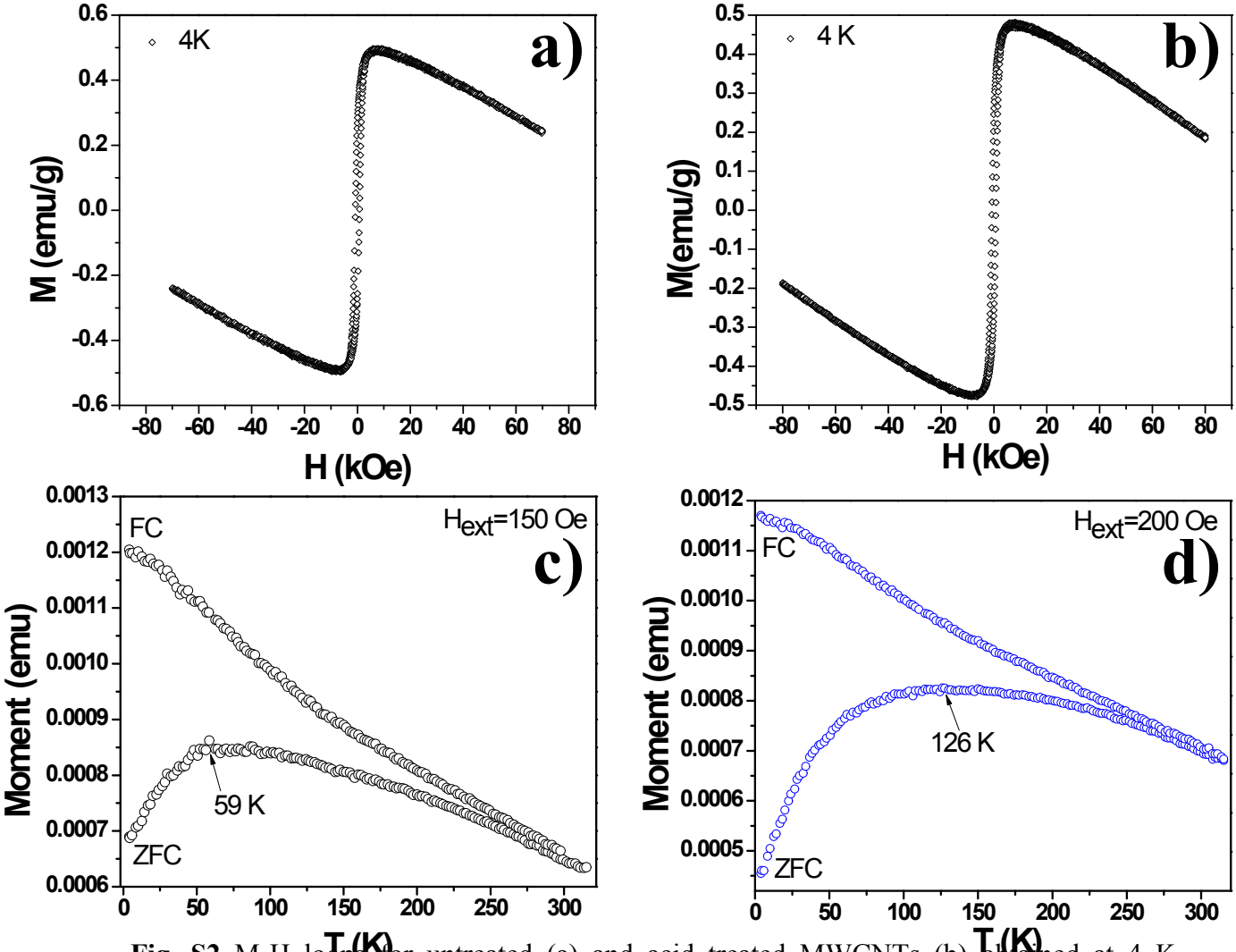


Fig. S2 M-H loops for untreated (a) and acid treated MWCNTs (b) obtained at 4 K. Temperature dependence of the magnetic moment in the ZFC and FC modes (c-d).

FIGURES

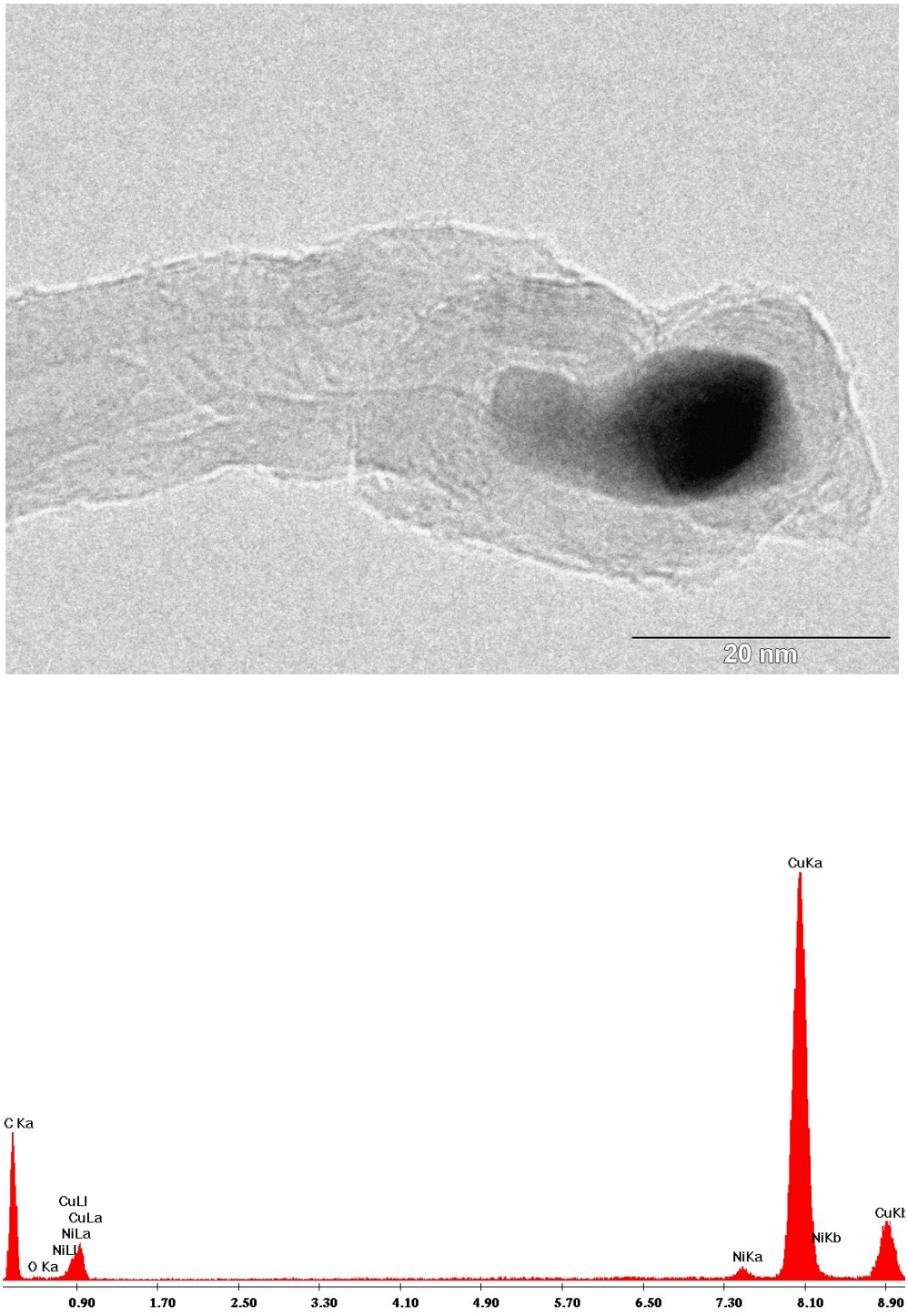


Fig. S3 TEM image for pure MWCNT and its respective EDX pattern.