

# **Extraction of Radioactive Cesium Using Innovative Functionalized Porous Materials**

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## **Supplementary Materials**

- p. S2:           Figure S1: TEM Images of the nanocomposites
- p. S3:           Figure S2: IR spectra of the nanocomposites
- pS4:           Figure S3: pseudo-second order kinetic model,  $t/Q_t$  versus time.

### TEM Images

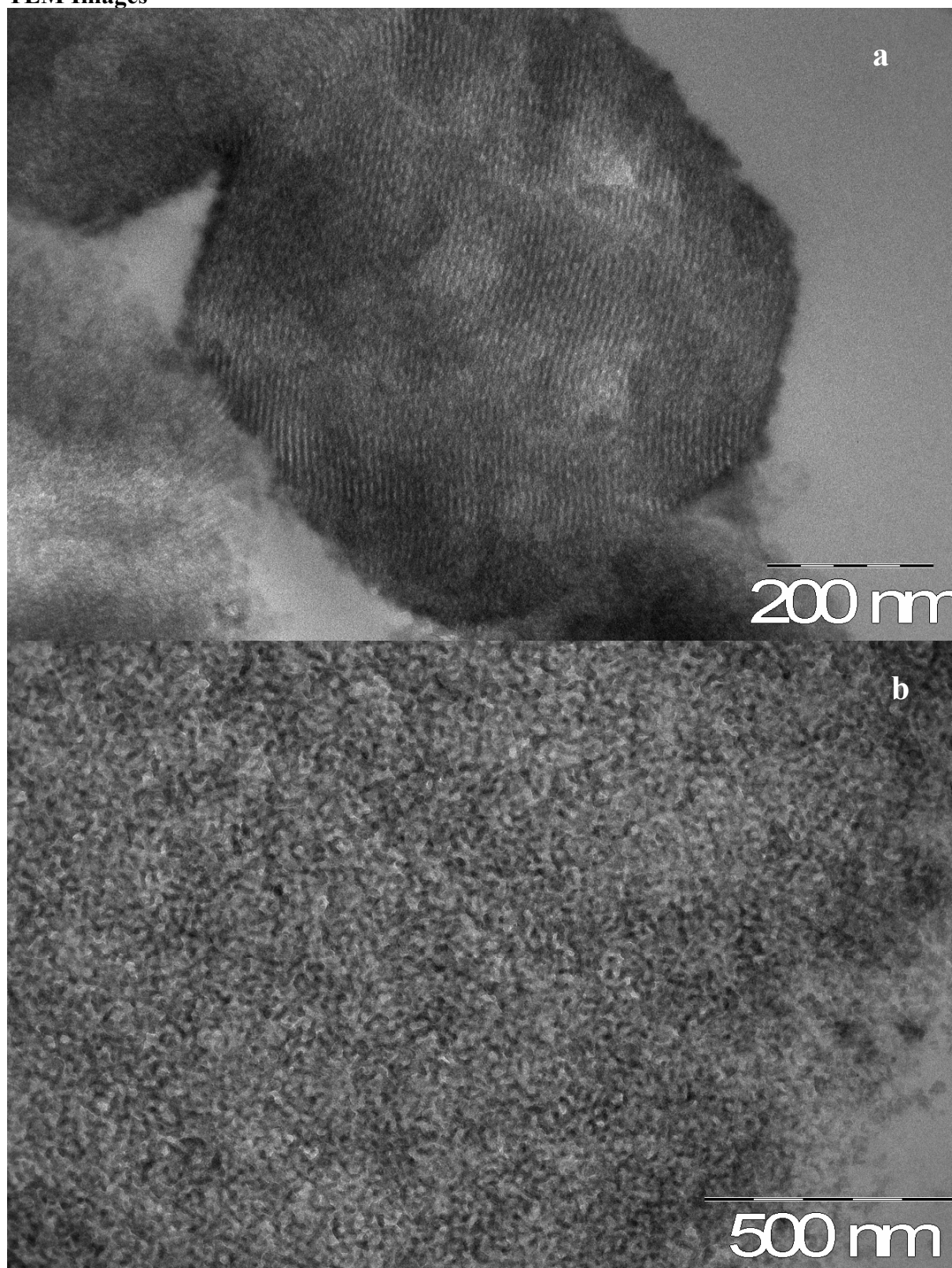


Figure S1. TEM images of the nanocomposites (a) CoFC@Silica-Py and (b) CoFC@PG-Py.

## IR Spectra

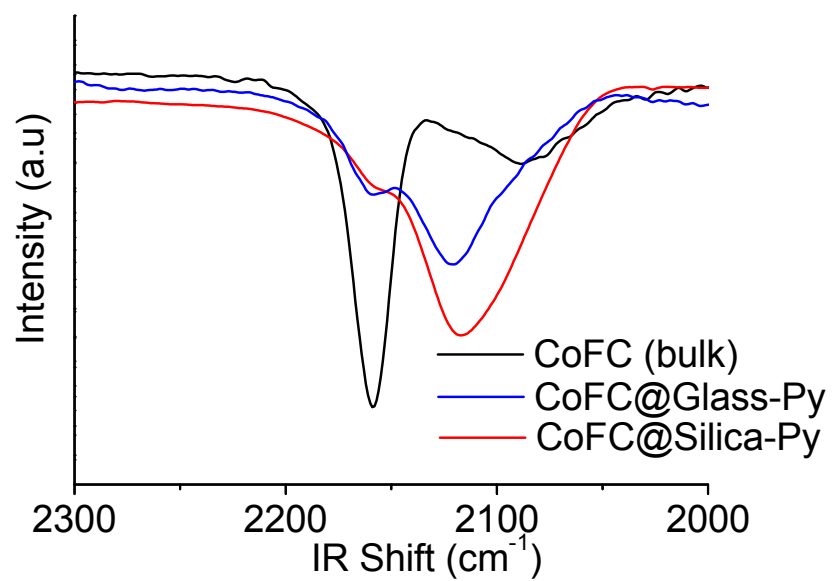


Figure S2. IR spectra of the nanocomposites CoFC@Silica-Py and CoFC@PG-Py compared to the bulk materials.

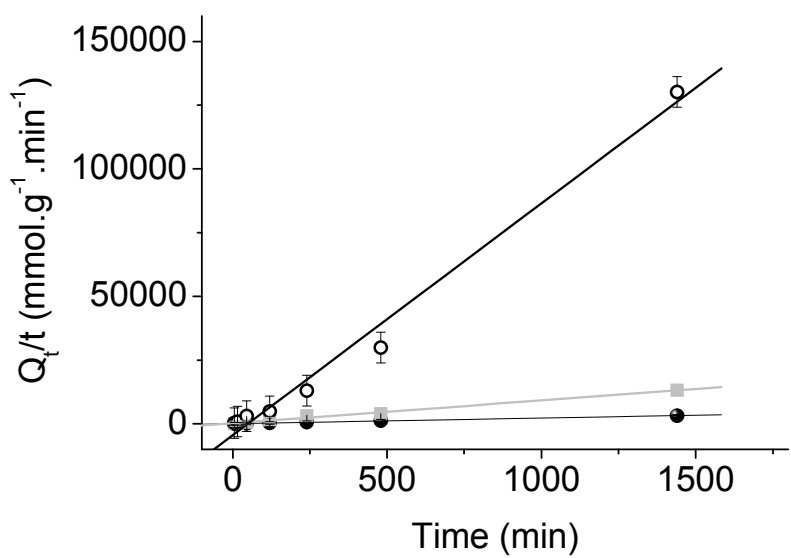


Figure S3: Pseudo-second order kinetic model,  $t/Q_t$  versus time of the adsorbed cesium on the nanocomposites, CoFC@Silica-Py (■) and CoFC@Glass-Py (○), and on the bulk CoFC (●)