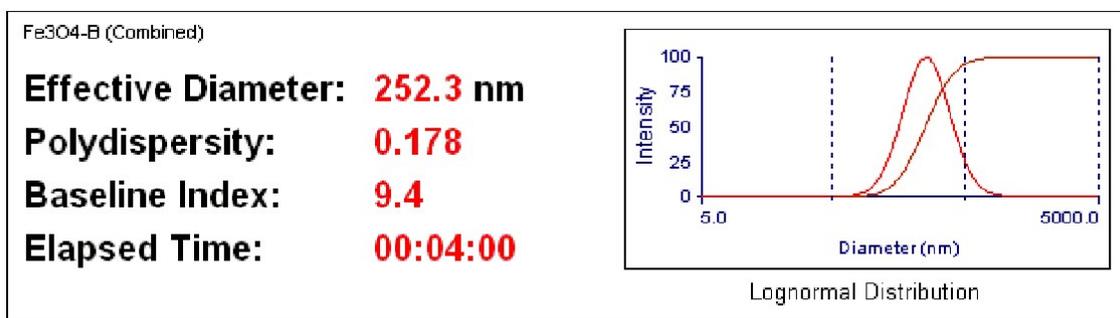
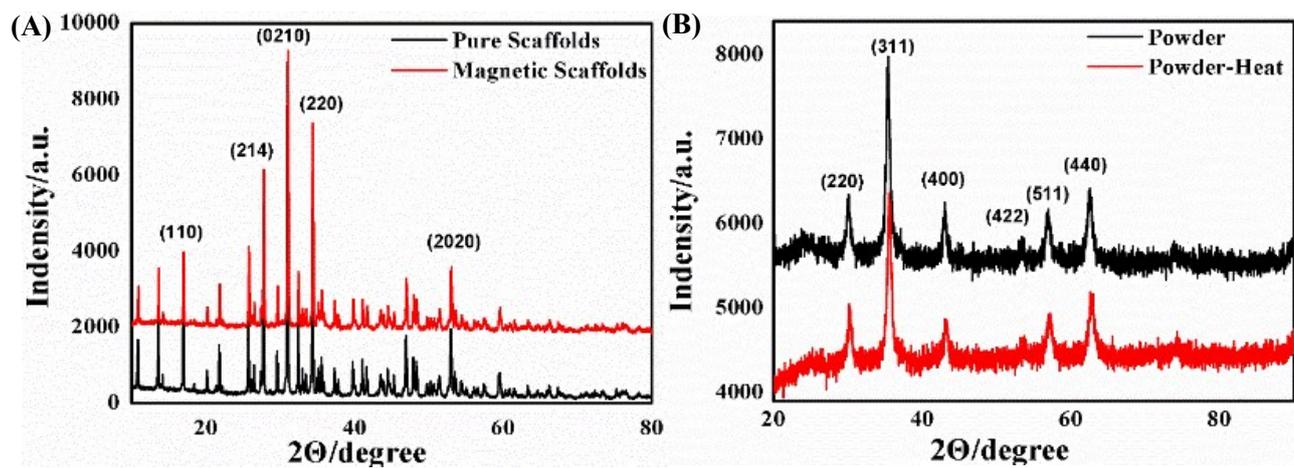


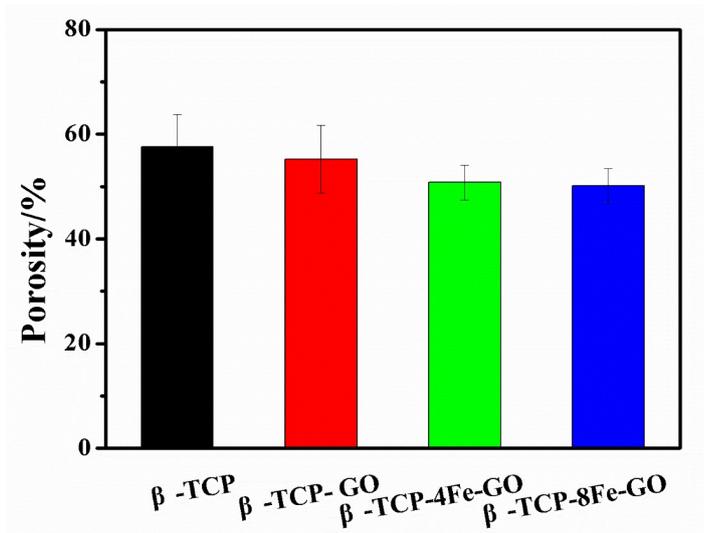
Supplementary documents:



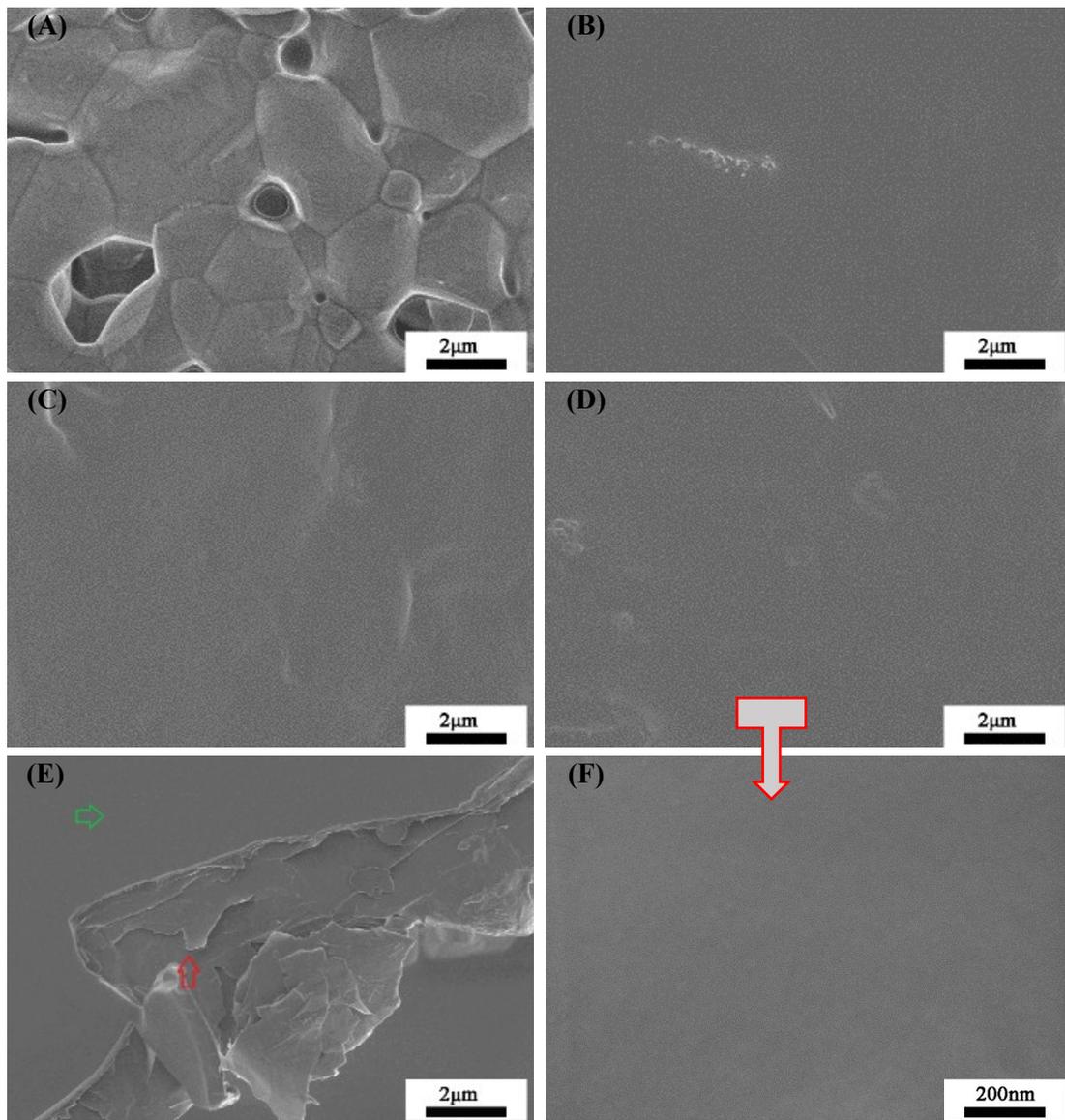
Supplementary Fig. 1 The particle size distribution of Fe₃O₄/GO nanocomposites, the effective diameter is 252.3 nm.



Supplementary Fig. 2 XRD pattern, (A) pure β -TCP scaffolds (black) and magnetic β -TCP scaffolds (red) powder, (B) $\text{Fe}_3\text{O}_4/\text{GO}$ composite (black) and the composite after heat treatment (red).



Supplementary Fig. 3 The porosity of different kinds of scaffolds. The porosity of magnetic scaffolds did not change significantly after modified $\text{Fe}_3\text{O}_4/\text{GO}$ and GO compared bare β -TCP scaffolds.



Supplementary Fig. 4 The morphology of scaffolds immersed in culture medium for one week. (A) β -TCP, (B) β -TCP- GO, (C) β -TCP-4Fe-GO, (D) β -TCP-8Fe-GO. There were absorbed layers on the surfaces of the scaffolds (B, C, D).

