



Figure S1. (a) TEM image of Au-Fe₃O₄ nanocomposites. The sizes of Fe₃O₄ and Au nanoparticles are around 10 nm and 30 nm, respectively; (b,c) TEM images of a single Au-Fe₃O₄ nanocomposite; The scale bars are 50 nm, 10 nm and 10 nm in (a-c), respectively.