

Supplementary materials

Figure S1. FTIR spectra of naked Fe_3O_4 nanoparticles and Fe_3O_4 -PEI nanocomposites.

Figure S2. Weight-loss curves of naked Fe_3O_4 nanoparticles and Fe_3O_4 -PEI nanocomposites.

Figure S3. Photographs of (a) hydrobiotite (HBT) dispersed in solution, (b) sedimentation of the HBT with naked Fe_3O_4 nanoparticles, and (c) sedimentation of the HBT with Fe_3O_4 -PEI nanocomposites at different sedimentation time (0 to 120 s)

Figure S1

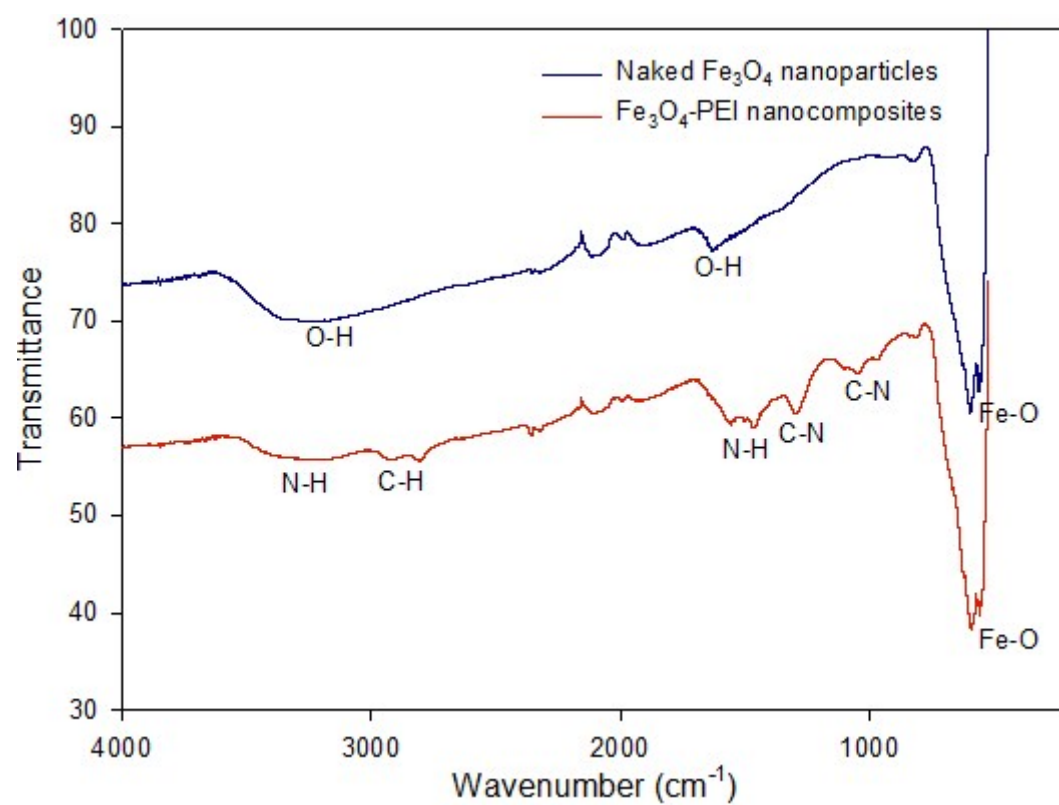


Figure S2

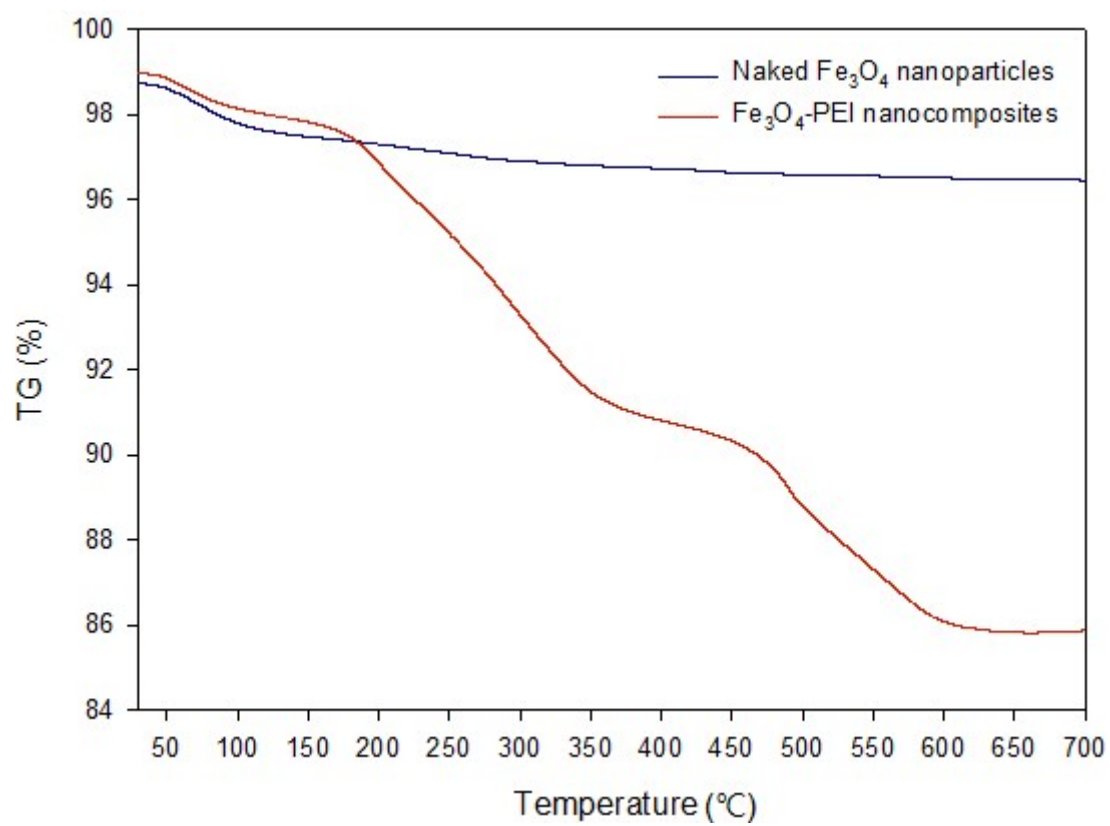
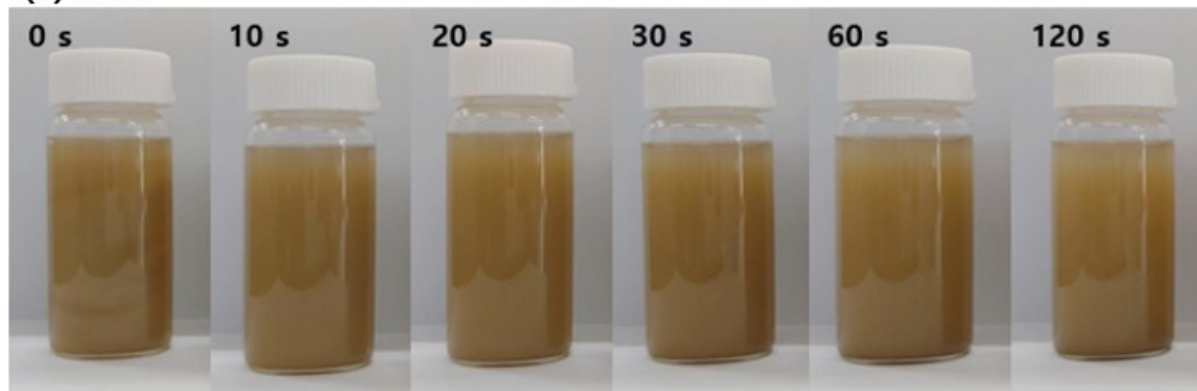
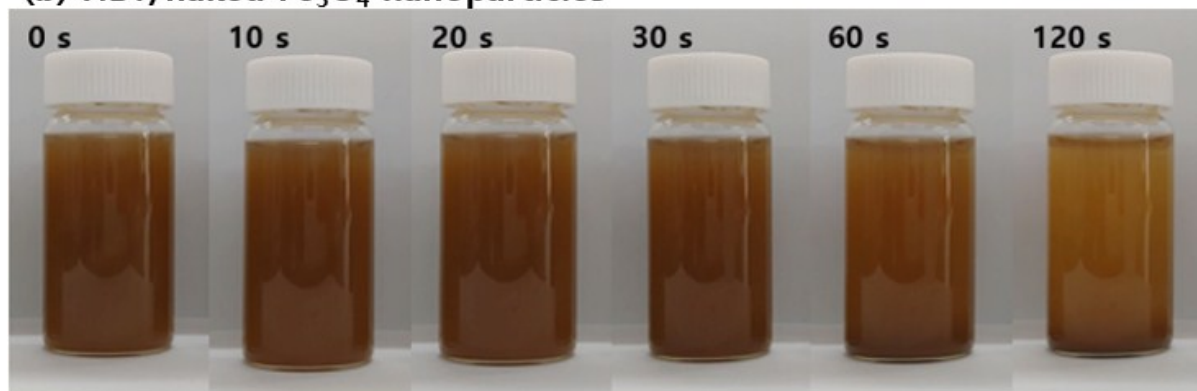


Figure S3

(a) HBT



(b) HBT/naked Fe_3O_4 nanoparticles



(c) HBT/ Fe_3O_4 -PEI nanocomposites

