

Support Information:

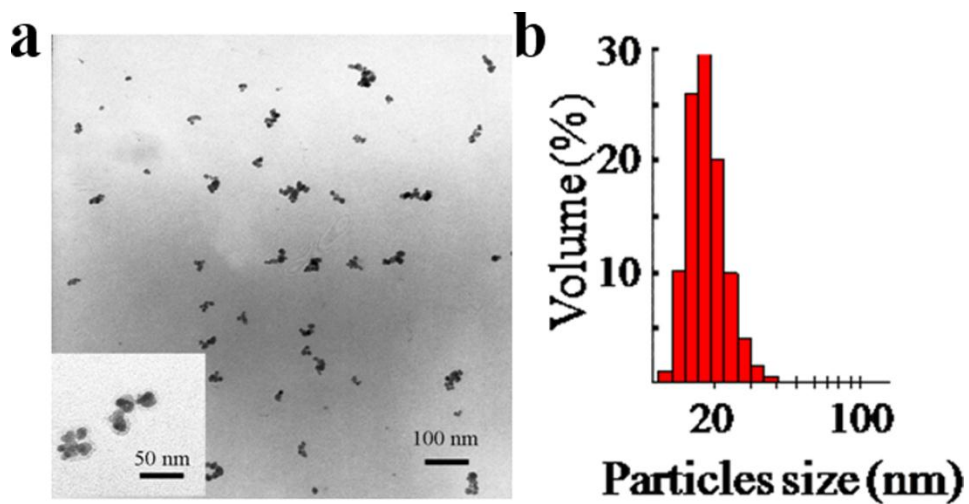


Fig. S1 (a) TEM micrograph and (b) DLS image of Fe₃O₄ nanoparticles synthesized using a co-precipitation technique.

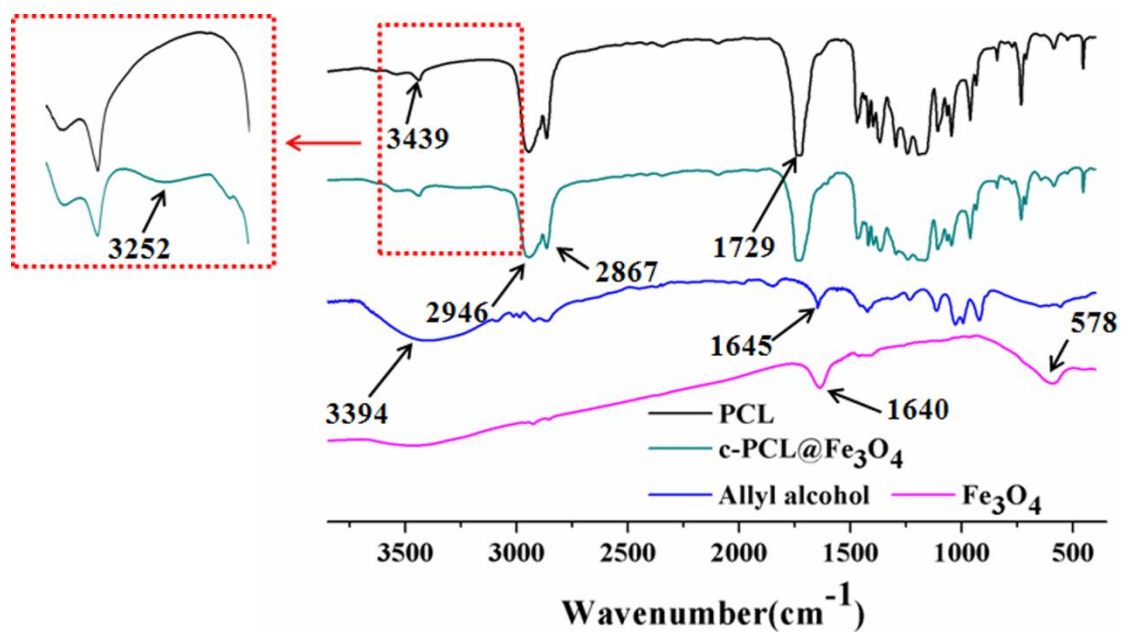


Fig. S2 FT-IR spectra of PCL, Fe₃O₄/c- PCL@AL, allyl alcohol and Fe₃O₄.

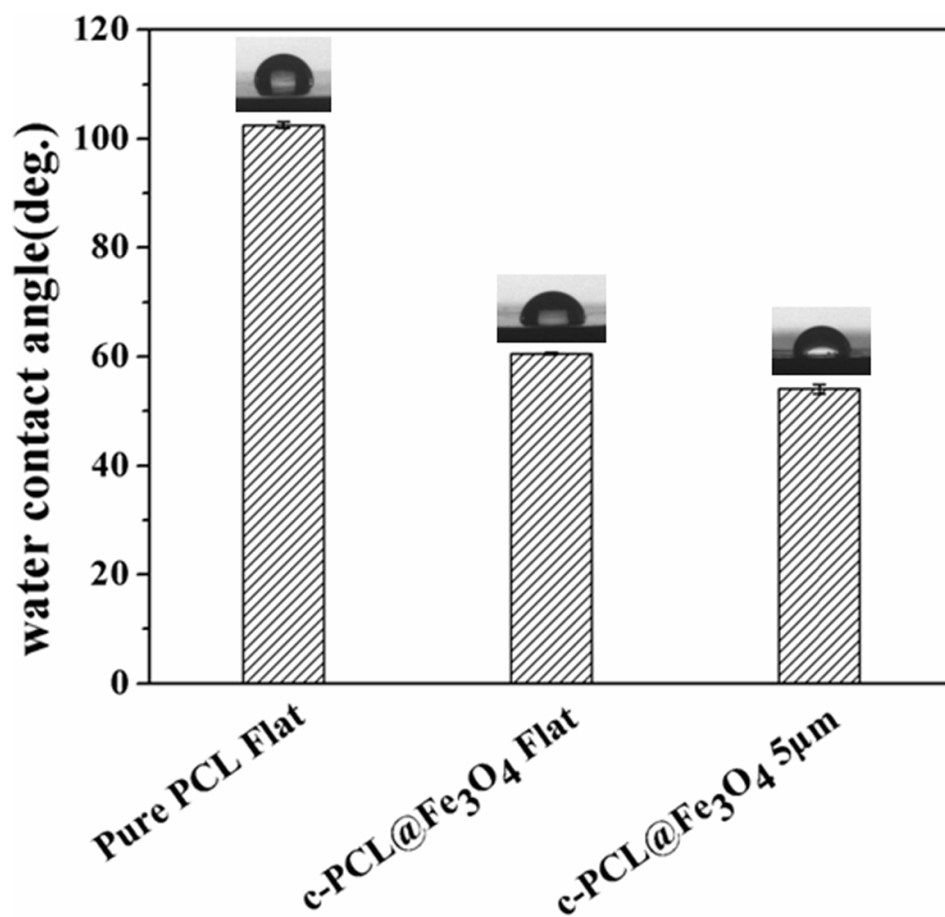


Fig. S3 Water contact angle of pure PCL flat, c-PCL@Fe₃O₄ flat, and c-PCL@Fe₃O₄ 5 µm micropillars, respectively.