

SUPPLEMENTARY INFORMATION

for

**Facile synthesis, assembly, and immobilization of ordered arrays of
monodisperse magnetic nanoparticles on silicon substrates**

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I. X-Ray Diffraction (XRD) Analysis

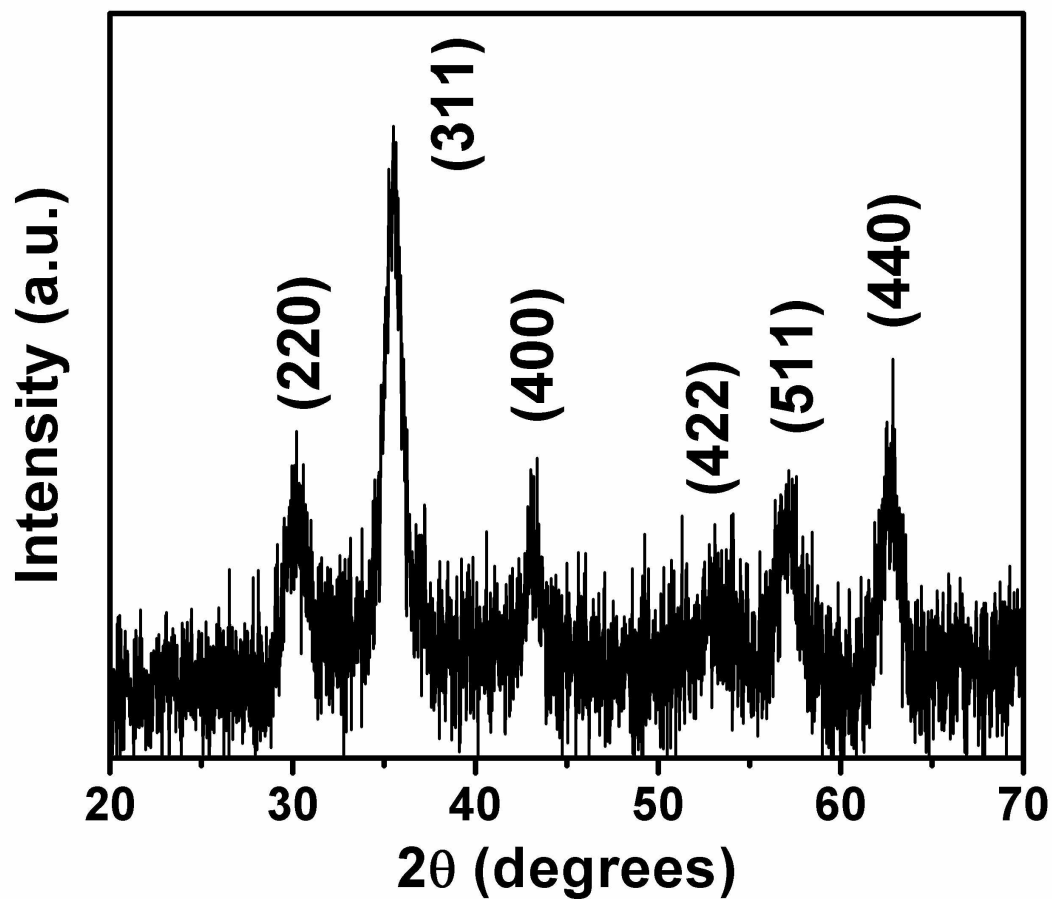


Figure S1. XRD data for ω -alkene-terminated MnFe_2O_4 nanoparticles.

II. Fourier-Transform Infrared (FT-IR) Spectroscopy

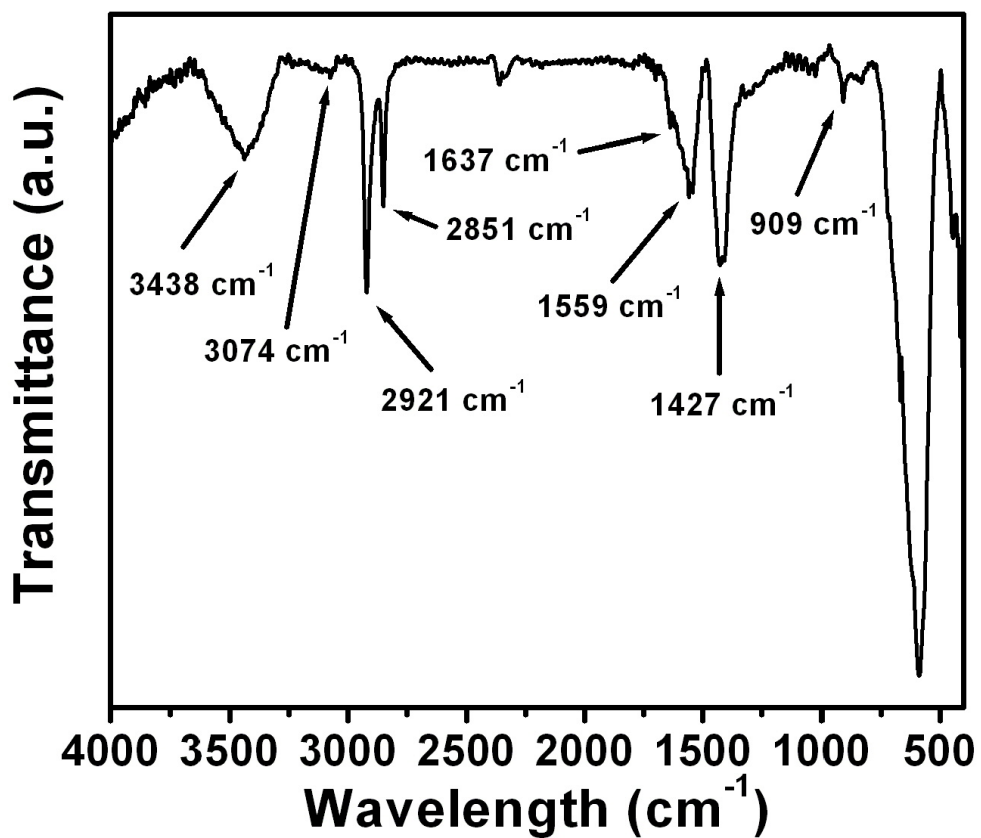


Figure S2. FT-IR spectrum of ω -alkene-terminated MnFe_2O_4 nanoparticles.

III. Energy-Dispersive X-Ray (EDX) Analysis

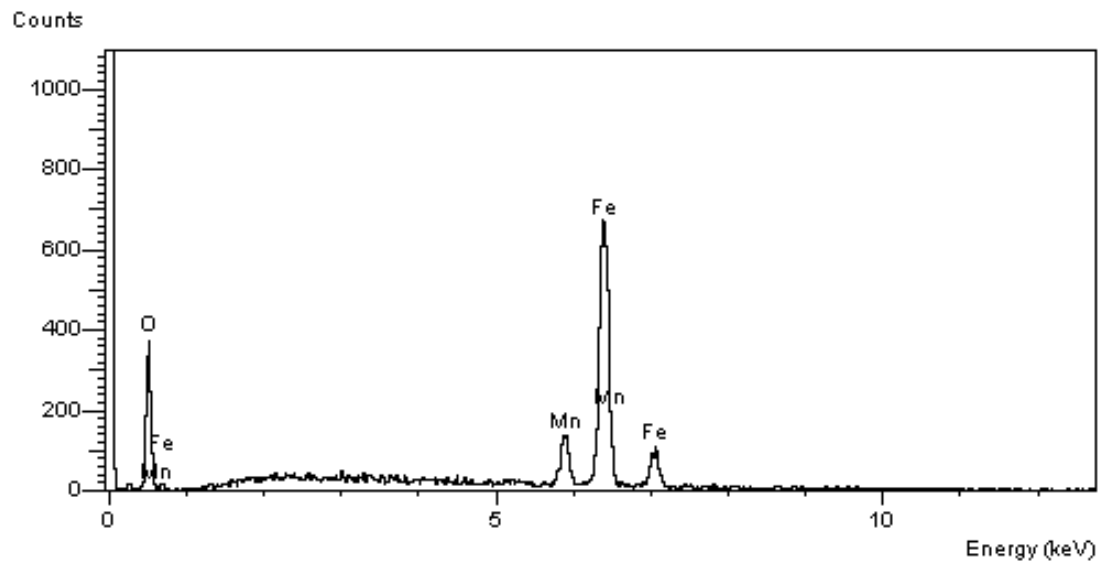


Figure S3. EDX spectrum of ω -alkene-terminated MnFe_2O_4 nanoparticles.