

Electronic Supplementary Information

Magnetic collagen fibers stabilized using functional iron oxide nanoparticles in non-aqueous medium

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Fig. S1. (a) Absorbance and (b) reflectance spectra of as-synthesized IOOANP sample.

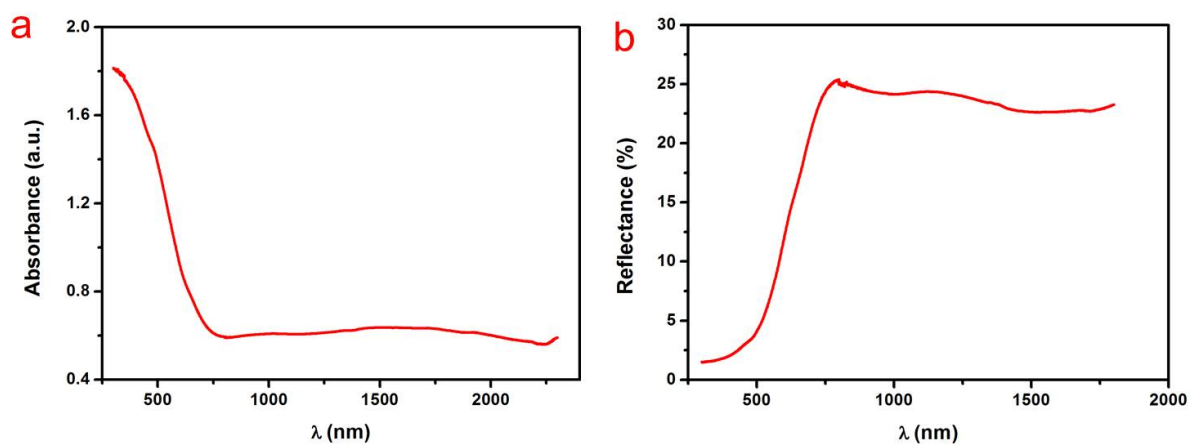


Fig. S2. Coercivity of as-synthesized (a) IONP and (b) IOOANP in M-H curve probed using a vibrating sample magnetometer.

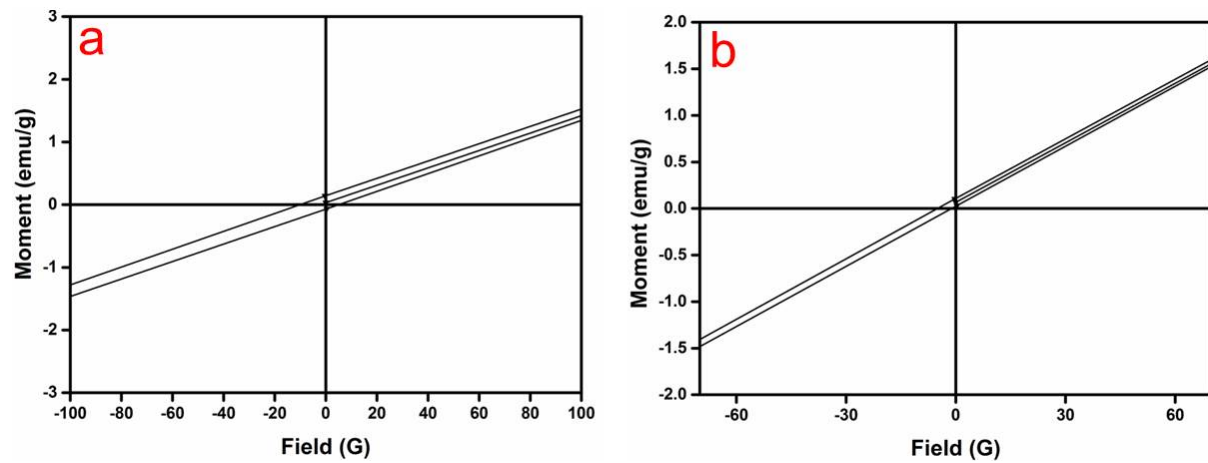
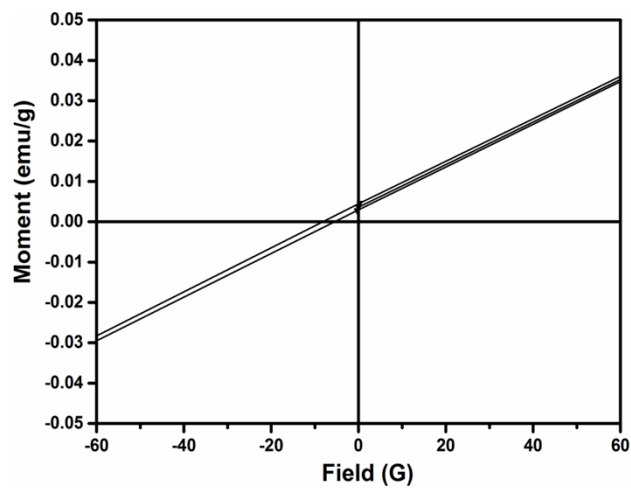


Fig. S3. Coercivity of collagen fibers treated with IOOANP in M-H curve probed using a vibrating sample magnetometer.



List of Supplementary Movies

Movie S1: Video showing the ability of magnetic collagen fibers for selective removal of oil from used motor oil-water mixture and tracking under magnetic field.