

A functional FePt@MOF (MIL-101(Fe)) nano-platform for high efficient colorimetric determination of H₂O₂

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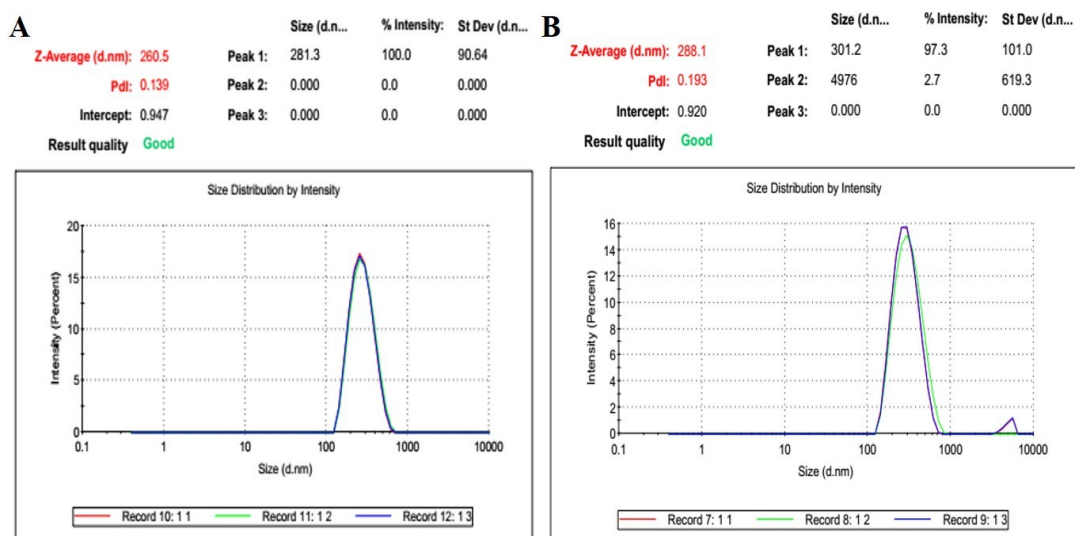


Figure S1. (A) The particles size of the fabricated MOFs; (B) The particle size of FePt@MOFs.

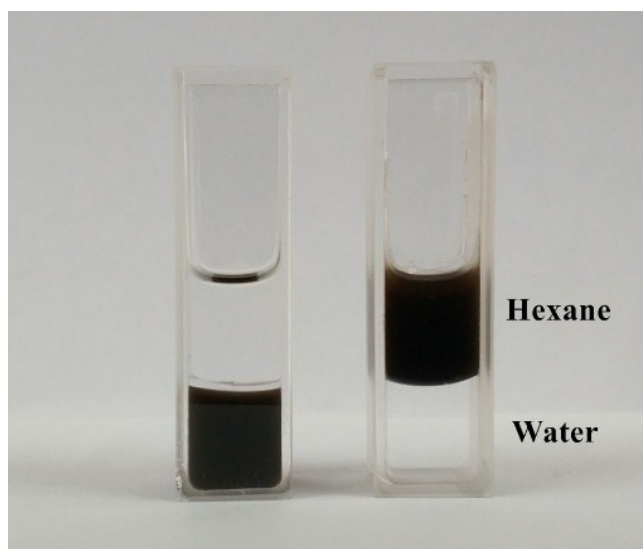


Figure S2. The image of FePt NPs before and after transferred from lipophilic to hydrophilic by DMSA via ligand exchange reaction. For the two phases, the upper layer is n-hexane, the lower is the water.

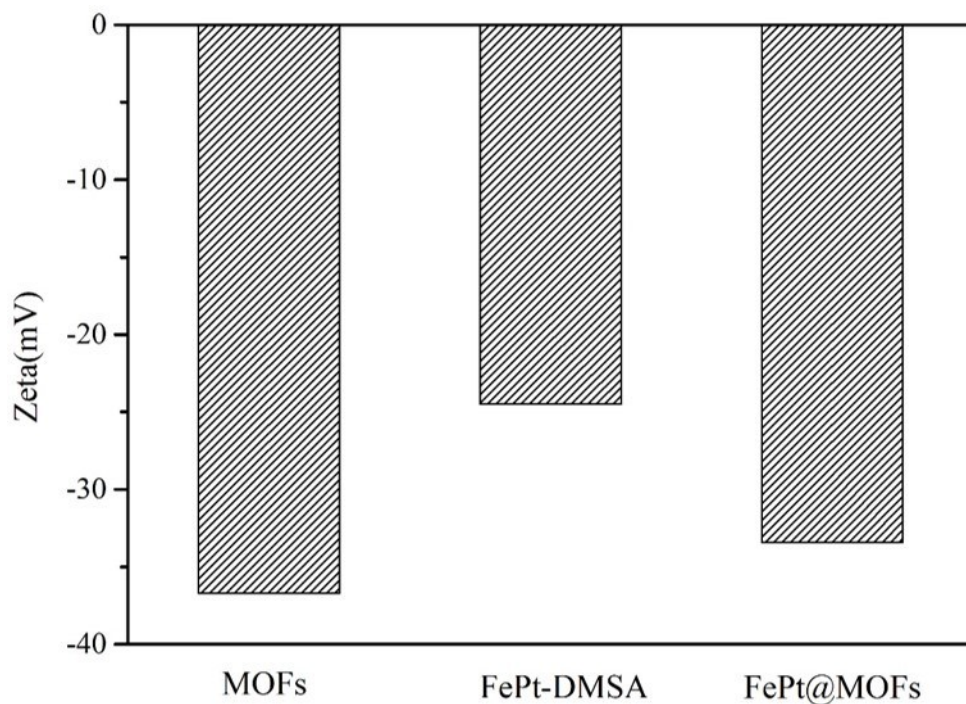


Figure S3. Zeta potential of MOFs, FePt-DMSA and FePt@MOFs.

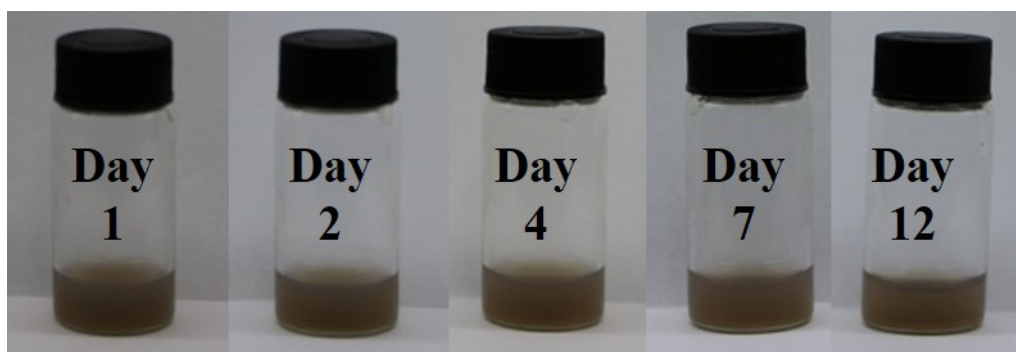


Figure S4. The images of the obtained FePt@MOFs NCs dispersed in water at different times.

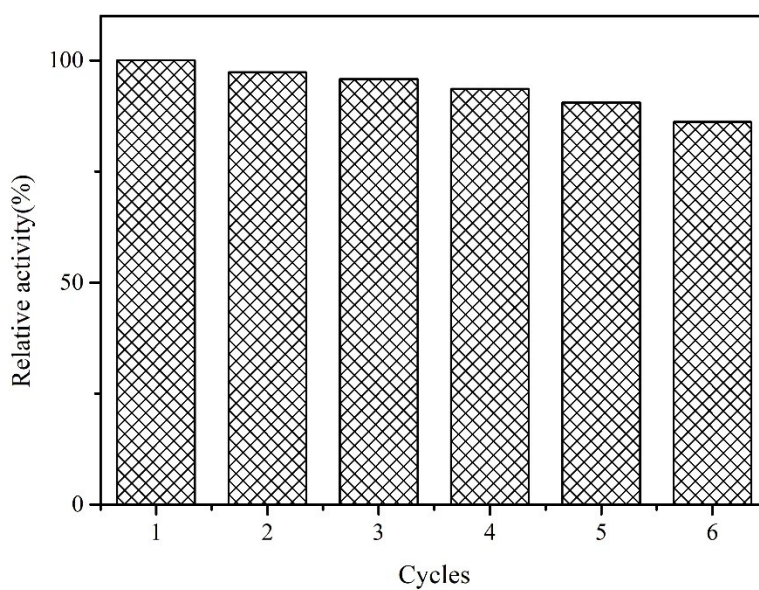


Figure S5. Reusability of catalytic activity of FePt@MOFs NCs.