

Patterning of L1₀ FePt Nanoparticles with Ultra-high Coercivity for Bit-patterned Media

Zhengong Meng,^{a†} Guijun Li,^{b†} Hon-Fai Wong,^b Sheung-Mei Ng,^b Sze-Chun Yiu,^a
Cheuk-Lam Ho,^{a*} Chi-Wah Leung,^{b*} Ian Manners^{d*} and Wai-Yeung Wong^{ae*}

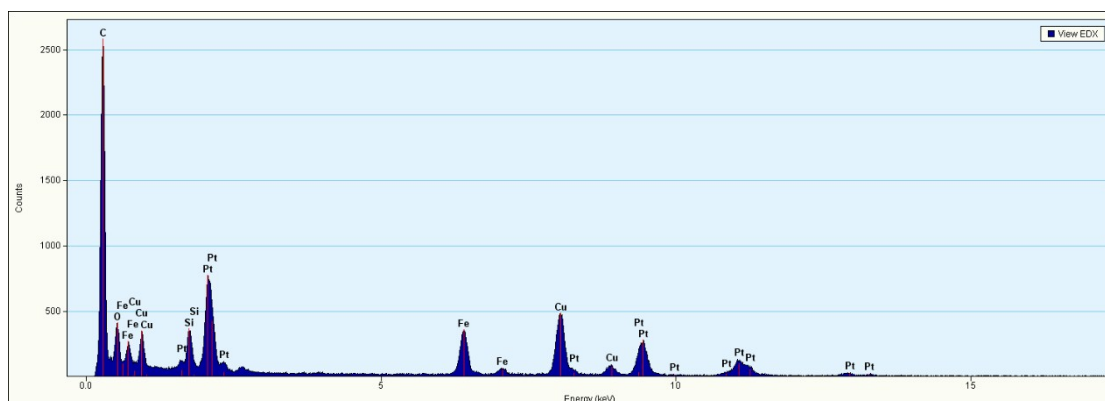


Figure S1 EDX spectrum of FePt nanoparticles synthesized under Ar/H₂ atmosphere.

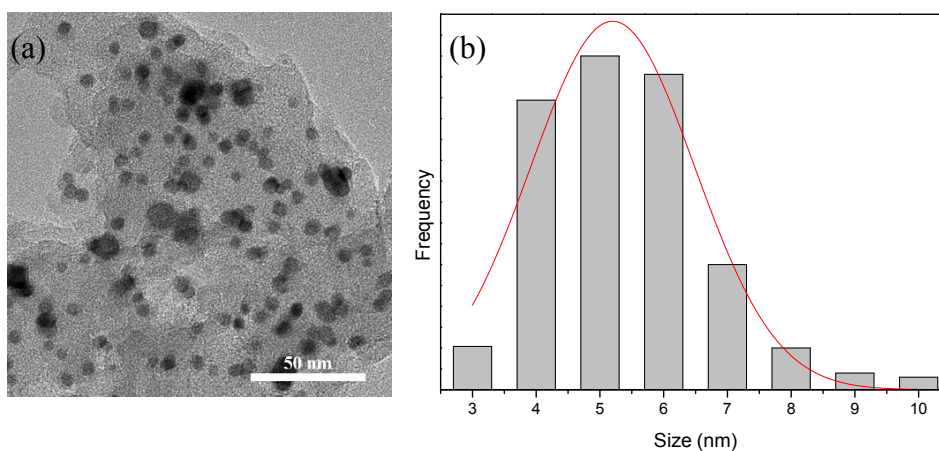


Figure S2 (a) TEM image of the resultant FePt nanoparticles by pyrolysis of the precursor **P** under Ar atmosphere; (b) size distribution of FePt NPs determined by statistical analysis from the TEM images.

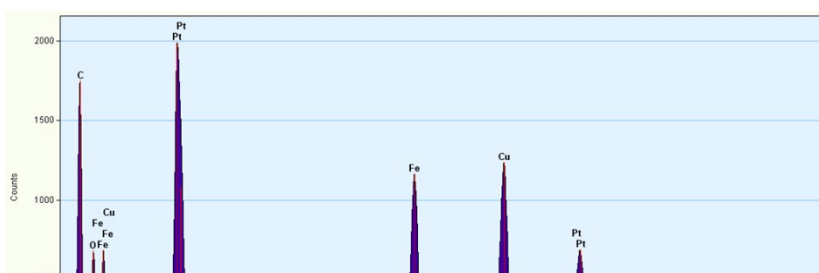


Figure S3 EDX spectrum of FePt nanoparticles synthesized under Ar atmosphere.

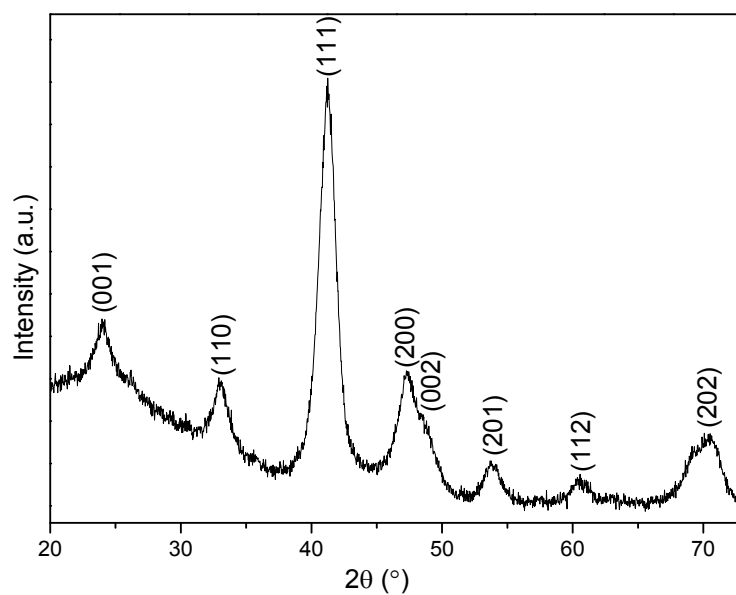


Figure S4 XRD pattern of FePt nanoparticles synthesized under Ar atmosphere.

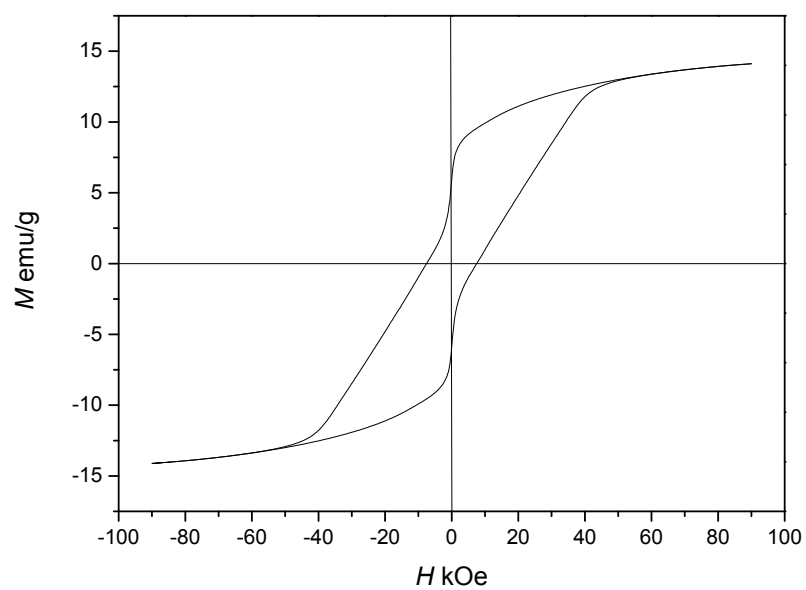


Figure S5 Room temperature hysteresis loop of FePt nanoparticles synthesized under Ar atmosphere.