Advances in magnetic films of epsilon-iron oxide toward next-generation high-density recording media

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§ 1. Particle size dependences of the coercive field (H_c) values.

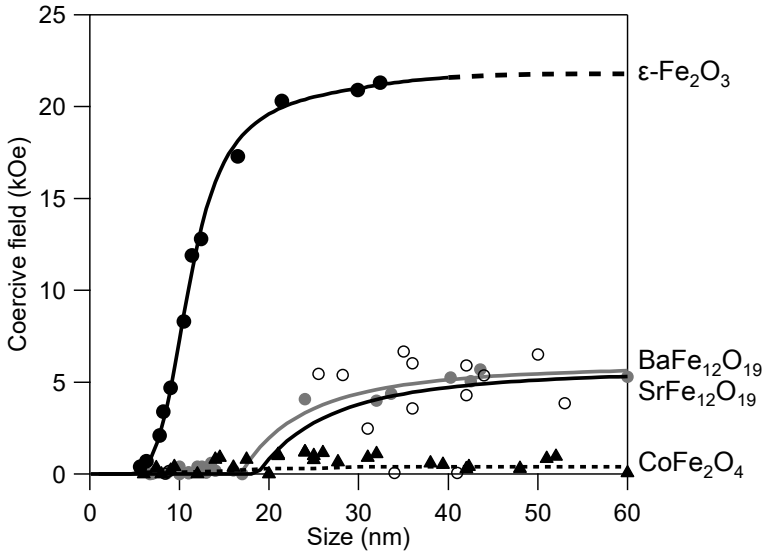

Figure S1. Particle size dependences of the coercive field (H_c) values for ε-Fe_2O_3 (●),[S1] $BaFe_{12}O_{19}$ (●),[S2–S13] $SrFe_{12}O_{19}$ (○),[S14–S21] and $CoFe_2O_4$ (▲).[S22–S27] Lines, which are drawn based on the particle size dependence equation of the coercive field, are to guide the eye.[S1] Plot of the zero coercive field is considered a superparamagnetic particle. [Adapted with permission from *Sci. Rep.*, 5, 14414. ©2015, Springer Nature.]

ε-Fe_2O_3

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$SrFe_{12}O_{19}$

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$CoFe_2O_4$

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