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Supporting information

Figure S1

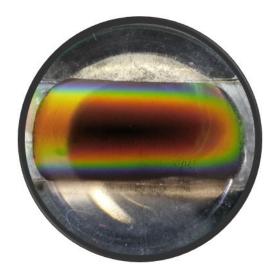


Fig. S1 Structural color of $Co_{0.75}Fe_{2.25}O_4$ colloidal particles.

Figure S2

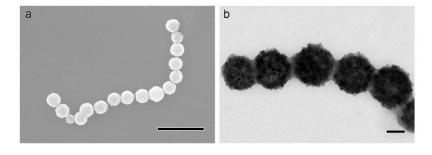


Fig. S2 Magnetic-field induced self-assembly of $Co_{0.75}Fe_{2.25}O_4$. (a) SEM image. (b) TEM image. Scale bars, (a) $1\mu m$, (b) 100nm.

Figure S3

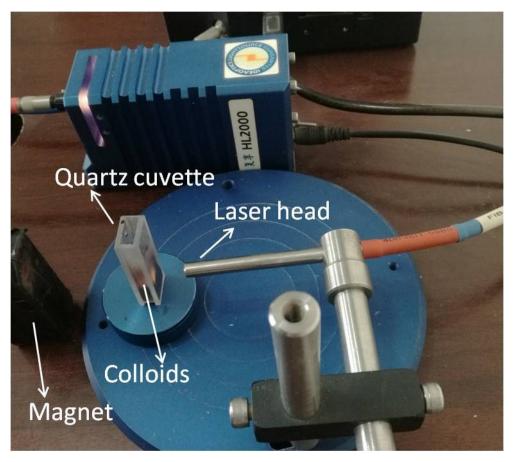


Fig. S3 Photo of reflection spectrum measurement of $Co_xFe_{3-x}O_4$ suspension under magnetic field.