

Supporting information

Morphology controlled synthesis and enhanced energy product $(BH)_{\max}$ in CoFe_2O_4 nanoparticles

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Sample	Refinement factors							
	D (nm)	χ^2	R_B (%)	R_F (%)	R_{wp}	R_{exp}	a (Å)	V (Å ³)
CF 1	14.45	1.28	11.61	12.84	21.78	17.09	8.382	588.90
CF 2	19.91	1.14	6.74	7.11	17.82	15.45	8.386	589.75
CF 3	27.87	1.08	9.95	10.93	11.86	10.32	8.390	590.59
CF 4	34.58	1.14	4.185	4.647	13.43	11.20	8.391	590.99
CF 5	43.56	1.10	5.75	6.85	24.54	22.12	8.392	591.20
CF 6	51.32	1.12	9.188	9.719	14.54	12.6	8.393	591.31

Table S1. Refined factors of the series of cobalt ferrite nanoparticles.

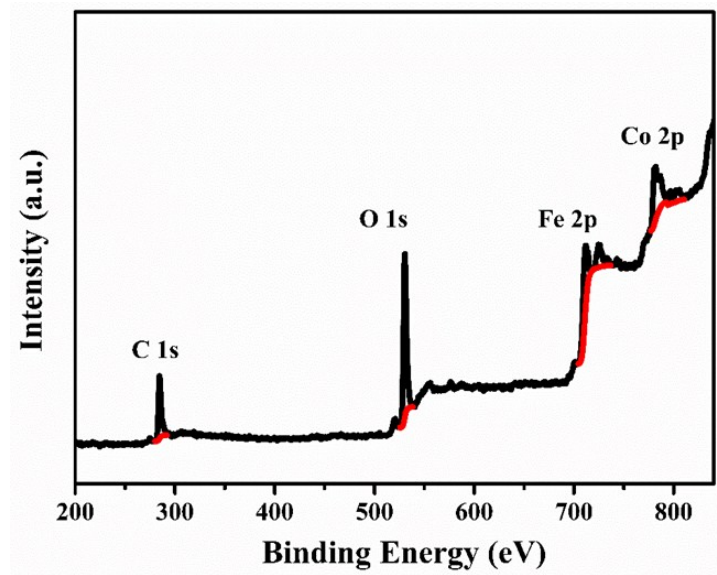


Figure S1. The wide scan spectrum of CF-4 NPs.