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Supplementary Information

Magnetothermal Microfluidic-Directed Synthesis of Quantum Dots

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Table S1. Reaction parameters and emissive wavelength of CdSe QDs synthesized by MMT.

No.	Temperature (°C)	Flow rate (mL/h)	Emissive wavelength (nm)
1	220	25	515
2	230	25	520
3	240	25	528
4	250	25	535
5	200	20	550
6	210	20	573
7	210	15	585
8	220	15	595
9	250	15	625

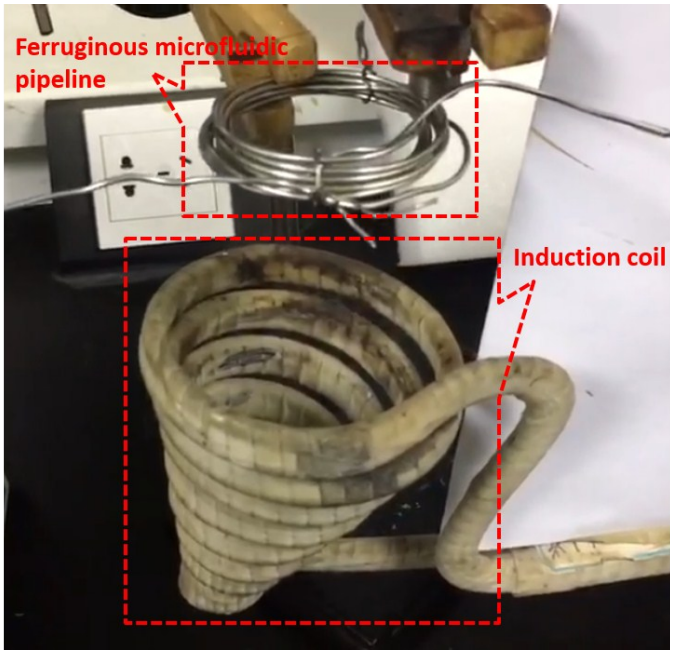

Fig. S1 Digital photograph of the reaction device.

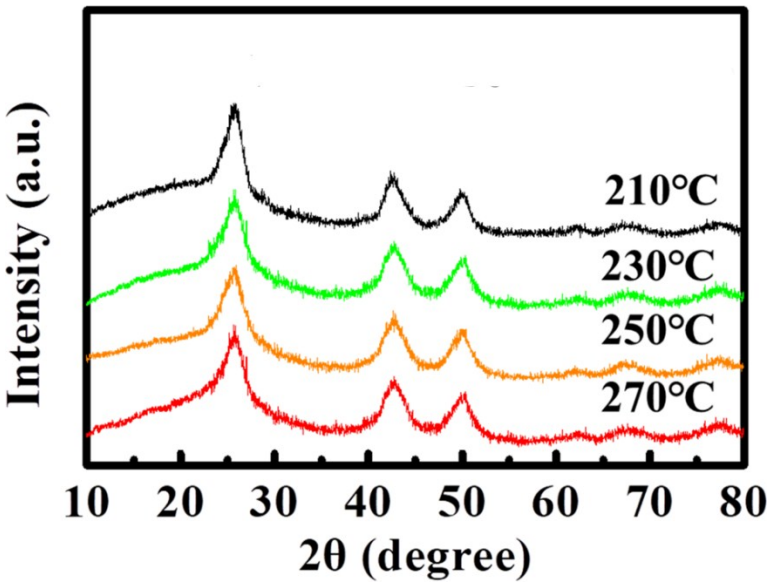

Fig. S2 XRD patterns of CdSe QDs prepared at different reaction temperatures.

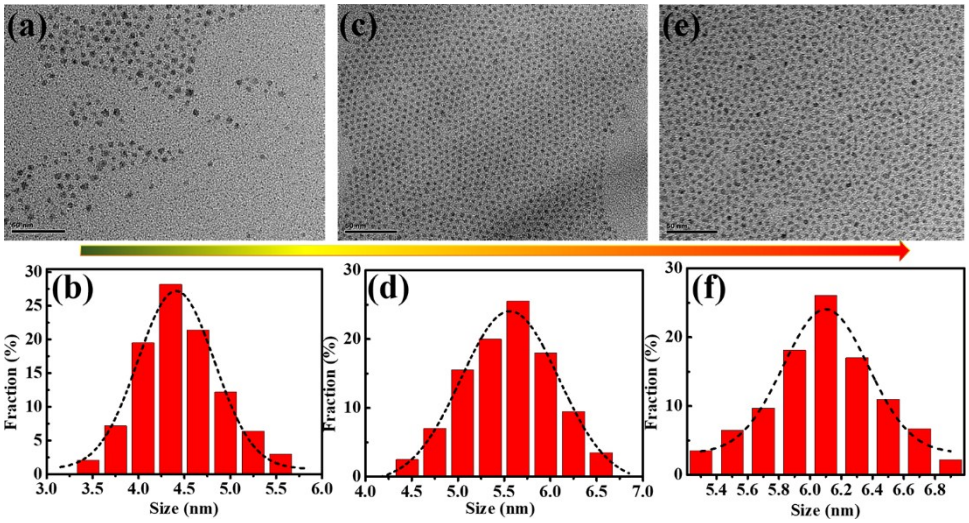

Fig. S3 TEM images of CdSe QDs with the emissive wavelength of 520 nm (a), 573 nm (c) and 595 nm (e). Size distribution of CdSe QDs with the emissive wavelength of 520 nm (b), 573 nm (d) and 595 nm (f).