Supporting Information

Self-assembled magnetite peony structures with petal-like nanoslices: one-step synthesis, excellent magnetic and water treatment properties

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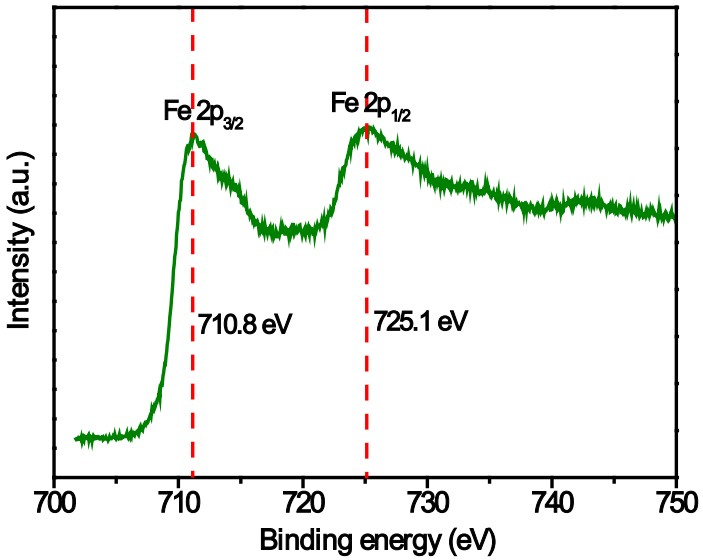

Fig. S1 XPS spectrum of the Fe_3O_4 peony structures.

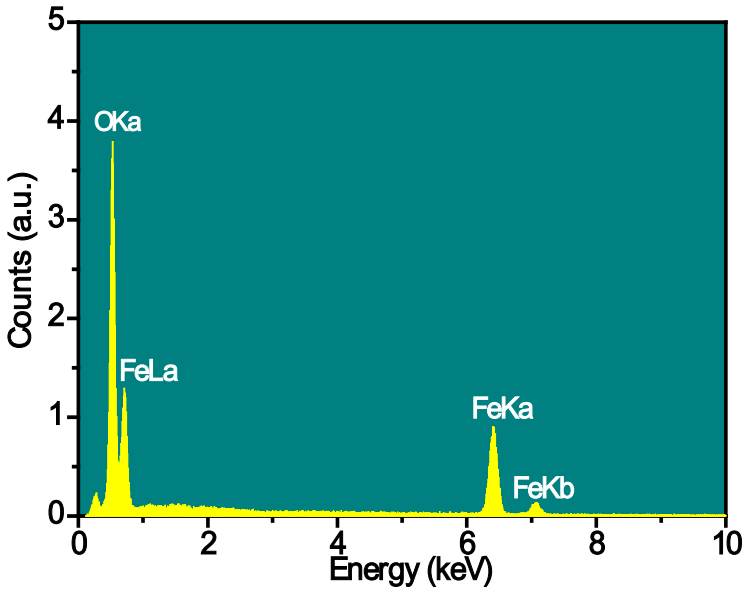

Fig. S2 EDS analysis of the Fe_3O_4 peony structures.

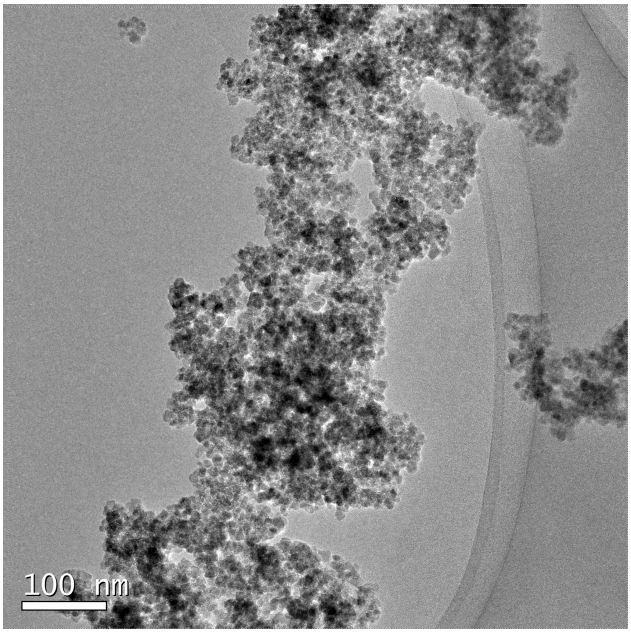

Fig. S3 TEM image of the Fe_3O_4 nanoparticles prepared without the addition of TEA under the same conditions.

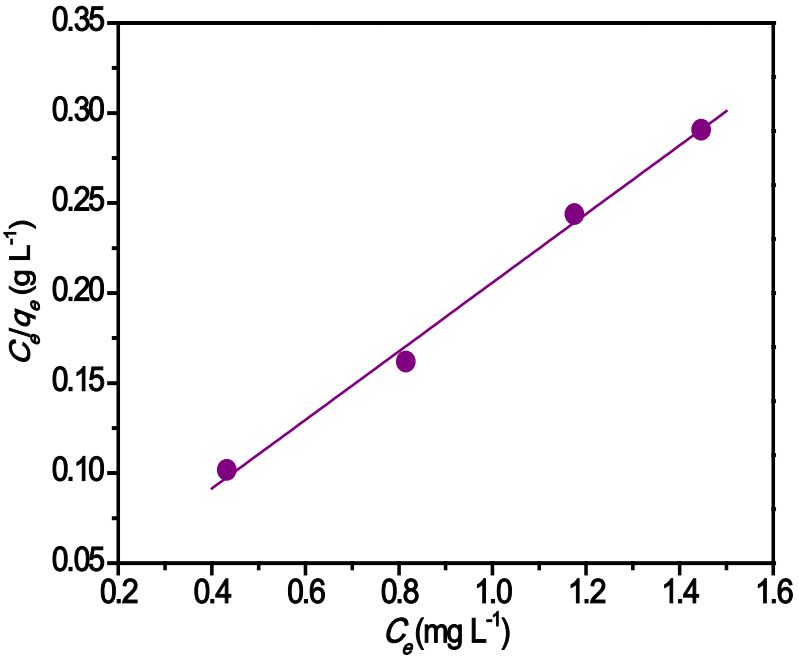

Fig. S4 Langmuir plots for Cr (VI) removal by the Fe_3O_4 peony structures at room temperature.