Electronic Supplementary Information

An improved Stöber method towards uniform and monodisperse Fe_3O_4@C nanospheres

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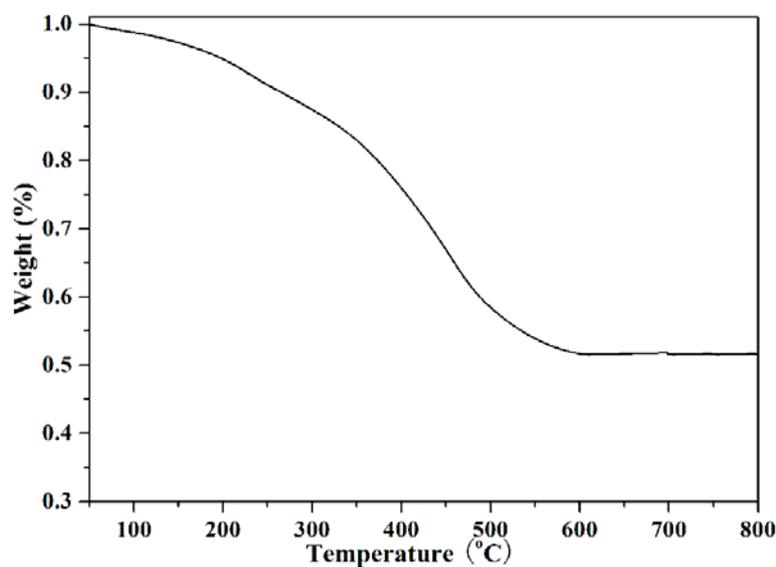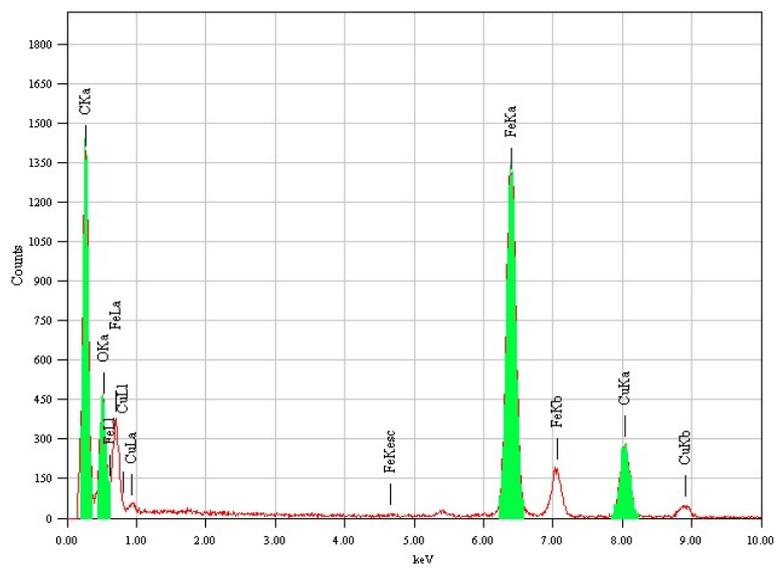
Figure S1. TGA curve of the Fe_3O_4@polymer sample.

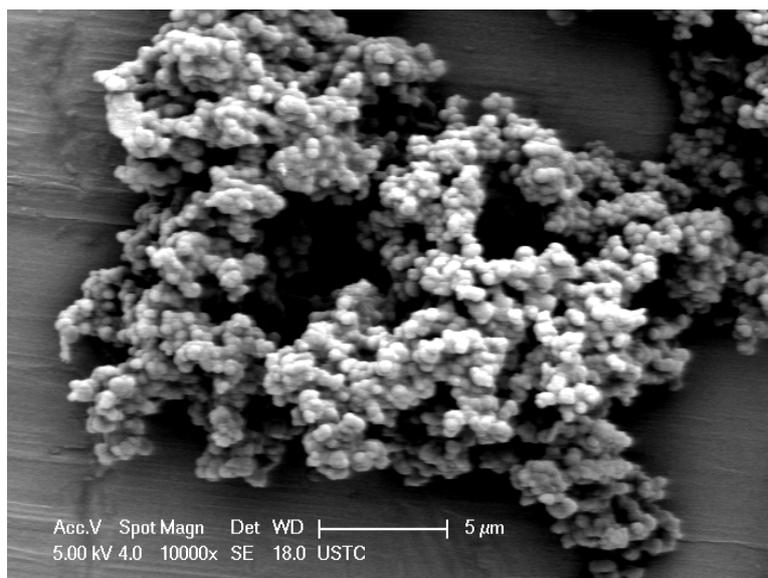Figure S2. The EDS spectrum of $Fe_3O_4@C$ sample.

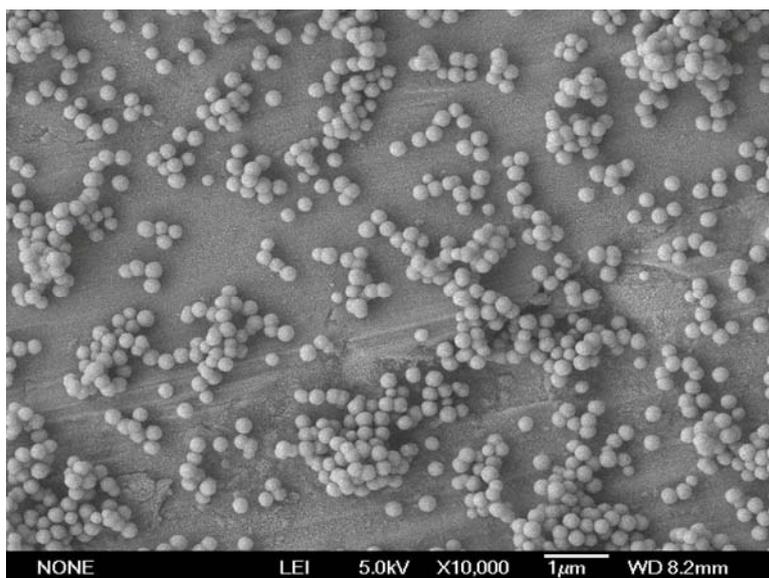Figure S3. The SEM images of Fe_3O_4@polymer prepared without citrate groups outside Fe_3O_4 surface.

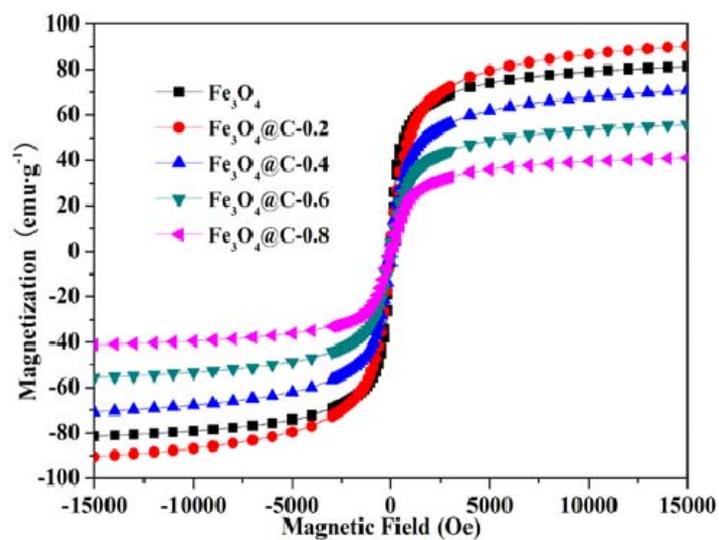Figure S4. The SEM images of Fe_3O_4@polymer prepared in water ethanol mixed solution (water:ethanol=7:3).

Figure S5 The room temperature hysteresis curves of Fe_3O_4, and Fe_3O_4@C prepared with different content of resorcinol and formaldehyde.

Figure S6 Photographs of Fe_3O_4@C magnetic separation phenomenon.