

## Electronic Supplementary Information (ESI) for

# Graphitic carbon quantum dots as a fluorescent sensing platform for highly efficient detection of Fe<sup>3+</sup> ions†

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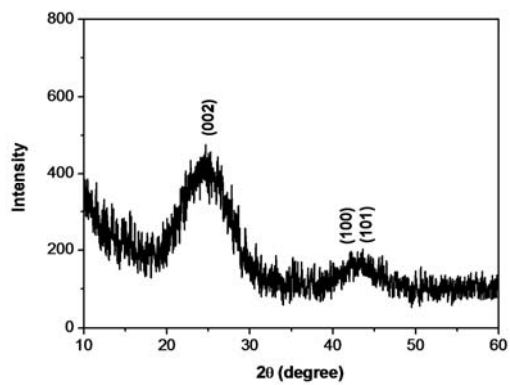
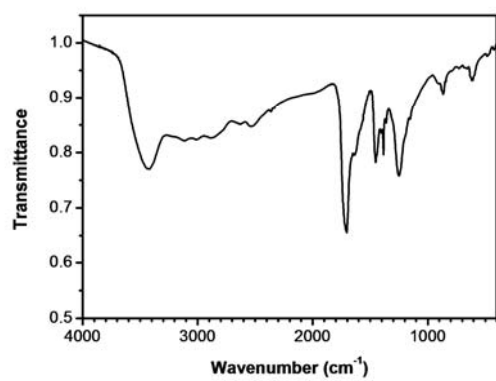


Fig. S1 XRD pattern of the GCQDs.

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5 Fig. S2 FT-IR spectrum of GCQDs.

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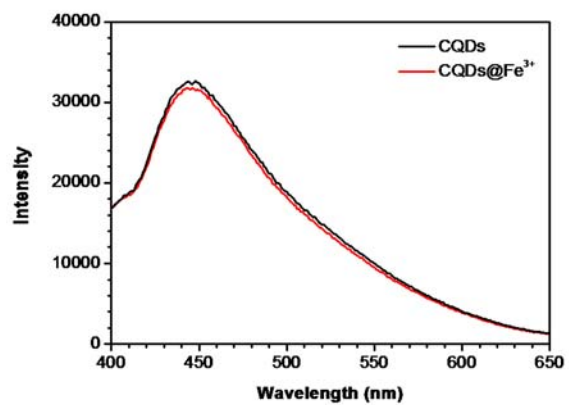


Fig. S3 PL spectra of CQDs prepared by microwave treatment of glucose in the absence and presence of Fe<sup>3+</sup> (1  $\mu$ M)

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