Supplementary Information

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Fig. S1 TEM images of (a) as-prepared g-CQDs and (b) b-CQDs; inset in (a), (b) is size distribution of g-CQDs and b-CQDs, respectively.
Fig. S2 UV–vis absorption of (a) g-CQDs and (c) b-CQDs; Photoluminescence spectra of (b) g-CQDs and (d) b-CQDs in water, inset in (b), (d) is photos of g-CQDs and b-CQDs aqueous solution under visible and UV irradiation (365 nm), respectively.
Fig. S3 FT-IR spectrum of s-CQDs.