

Electronic Supporting Information

Red C-dots and C-dot films: solvothermal synthesis, excitation-independent emission and solid-state-lighting

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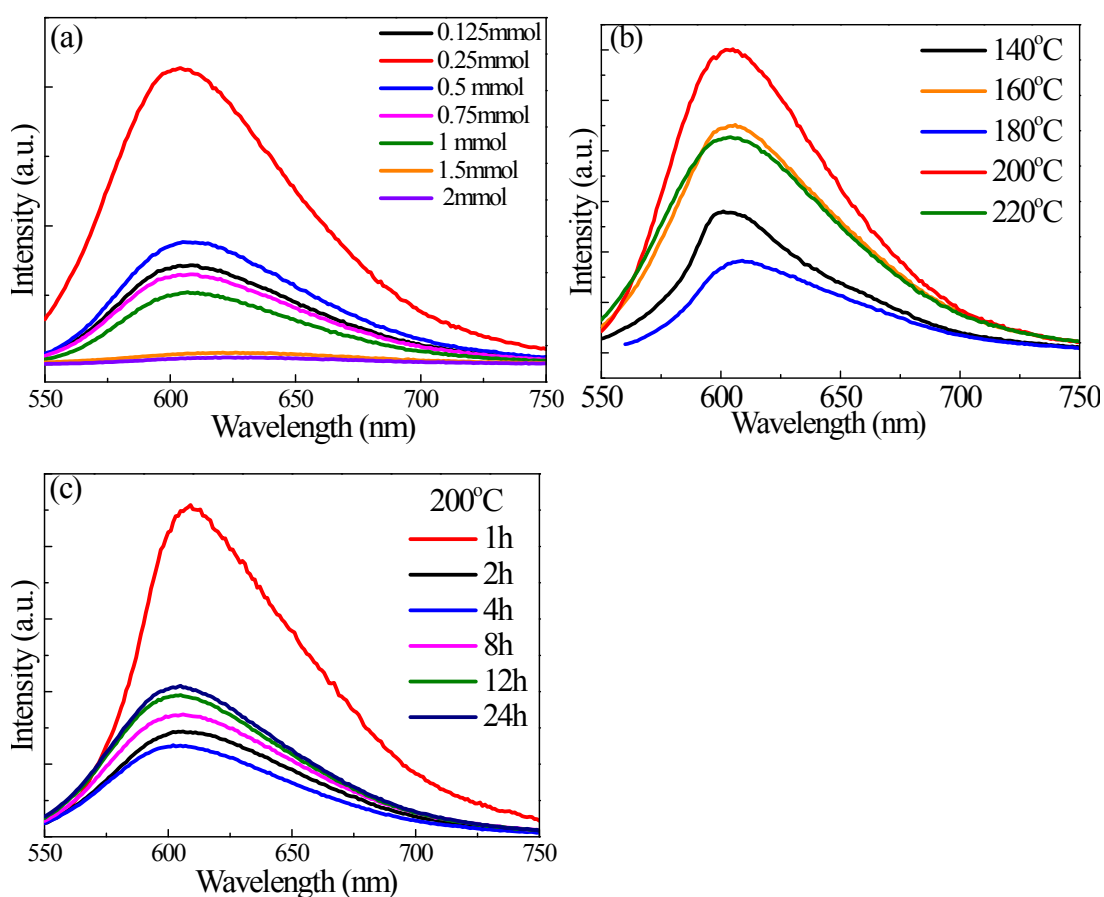


Figure S1 PL spectra of red CDs prepared by solvothermal reaction by adding different contents of *p*-PD (a), at different temperatures (b) and times (c).

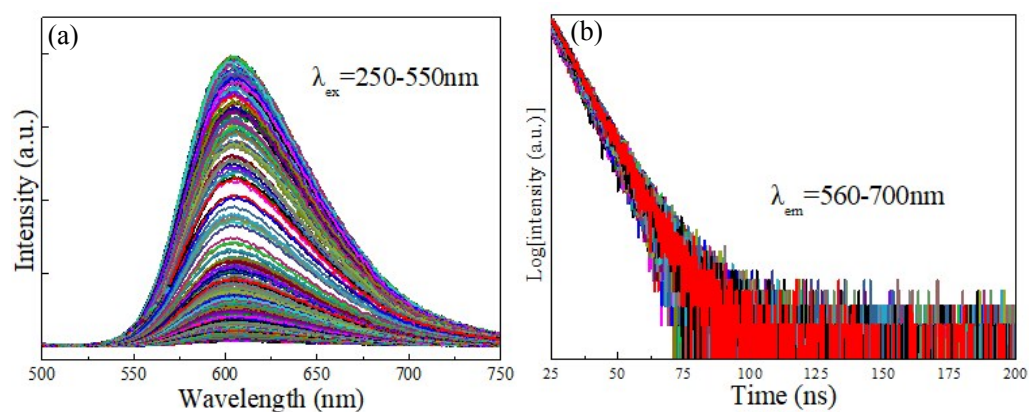


Figure S2 (a) PL spectra of red CDs under the excitation of different wavelength light (250-550 nm). (b) Decay curves of red CDs by monitoring different emission wavelength (560-700 nm).

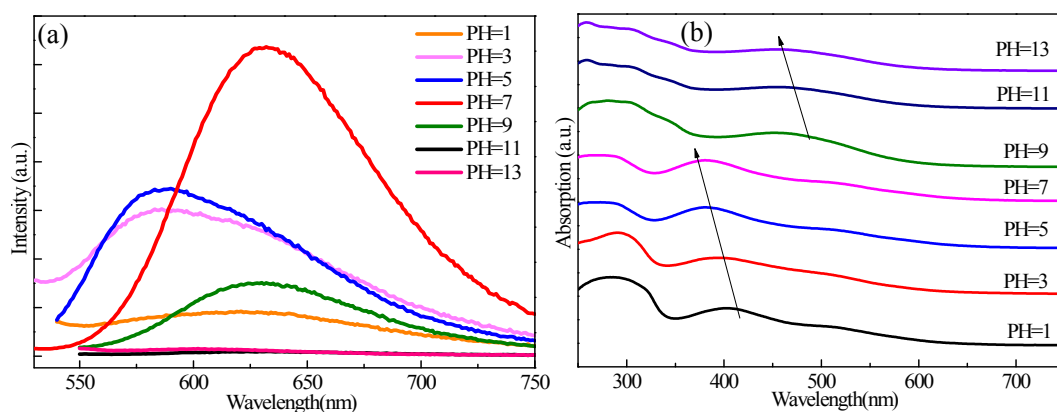


Figure S3 (a) PL and (b) absorption spectra of the as-prepared CDs dispersed in solution with different pH values.