

Support information:

Facile Preparation of Fluorescent Carbon Dots from Water Caltrop Shells and Their Application in Amikacin Sensing

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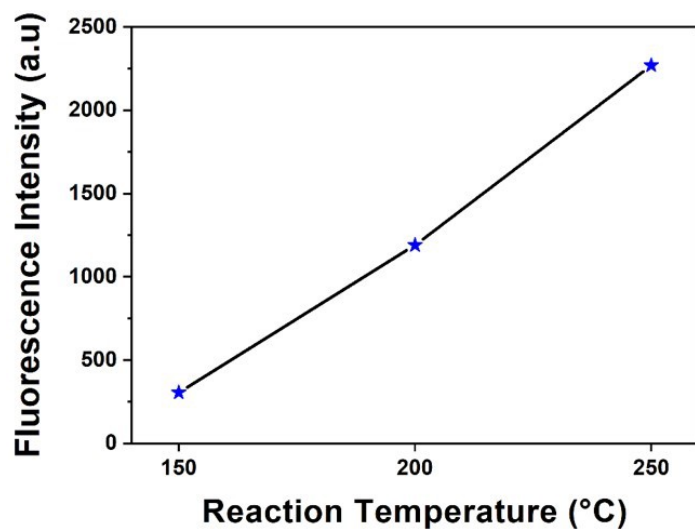


Figure S1. Effect of reaction temperature on the fluorescence intensity of WCS-CDs.

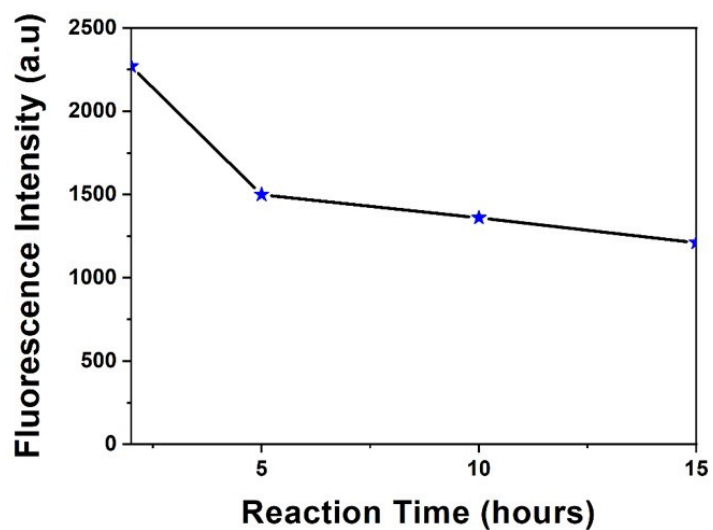


Figure S2. Influence of reaction time on the fluorescence intensity of WCS-CDs.

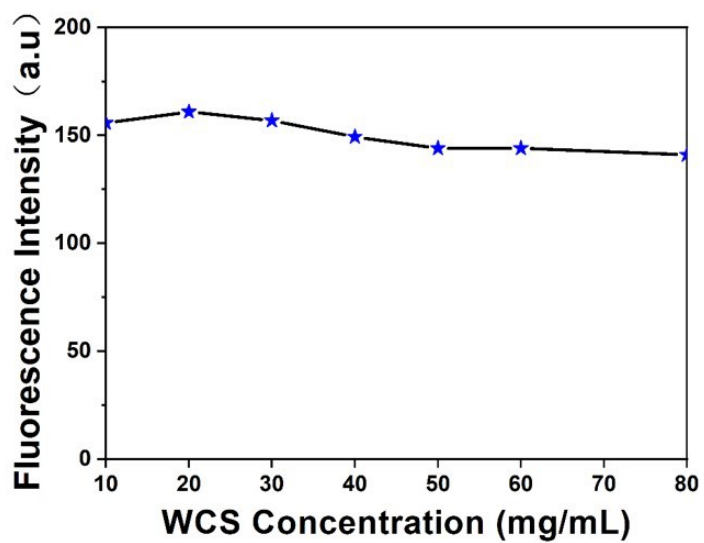


Figure S3. Fluorescence intensity of WCS-CDs at various concentrations of water caltrop shells.

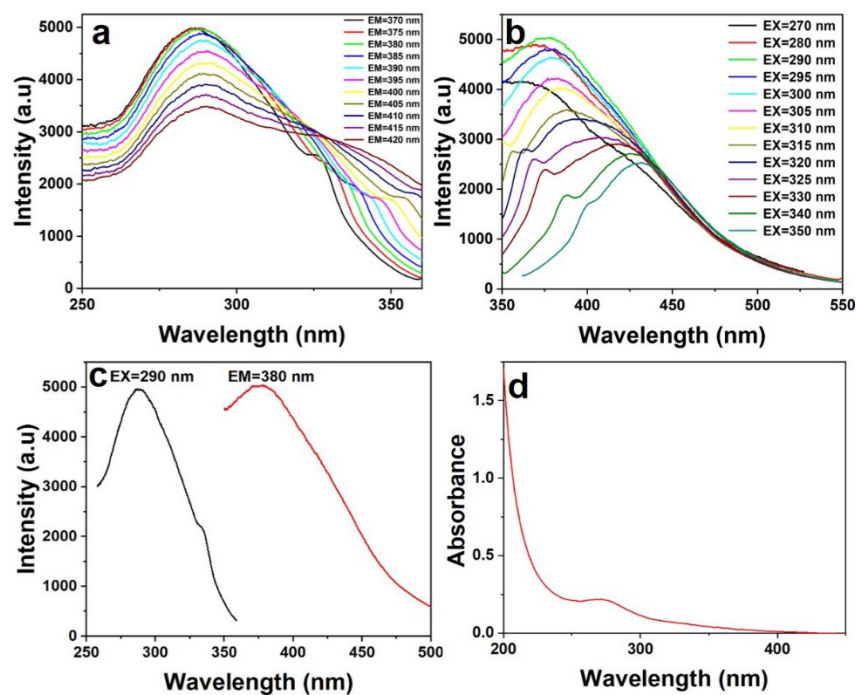


Figure S4. (a) The fluorescence spectra of WCS-CDs at different emission wavelengths; (b) The fluorescence spectra of WCS-CDs at different excitation wavelengths; (c) The optimum excitation and emission wavelength of WCS-CDs; (d) The ultraviolet absorption spectrum of WCS-CDs.

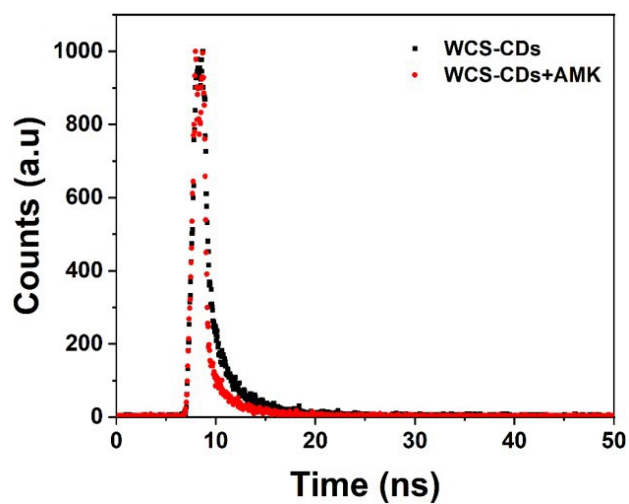


Figure S5. The fluorescence decay curve of aqueous WCS-CDs.