Support materials

Facile green and one-pot synthesis of Grape seeds derived carbon quantum dot as a fluorescence probe for Cu(II) and ascorbic acid

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Т	20°C	40°C	60°C
K _{SV}	0.812	0.736	0.721

 Table S1. Fluorescence quenching constant of different temperature

Table S1. Calculation results of Fluorescence quenching constant in different temperature

	Table S2 Thermodynamic calculation	
Temperature T/K	$\Delta H^{\Theta}/(J \cdot mol^{-1})$	$\Delta S^{\Theta/}(J \bullet mol^{-1} \bullet k^{-1})$
293.15	-1702.83	8.549

Table S2. Calculation results of Fluorescence quenching Thermodynamic calculation