

Supporting Information

Facile one-pot synthesis of long-term thermal stable CDs@AlOOH toward white-light illumination

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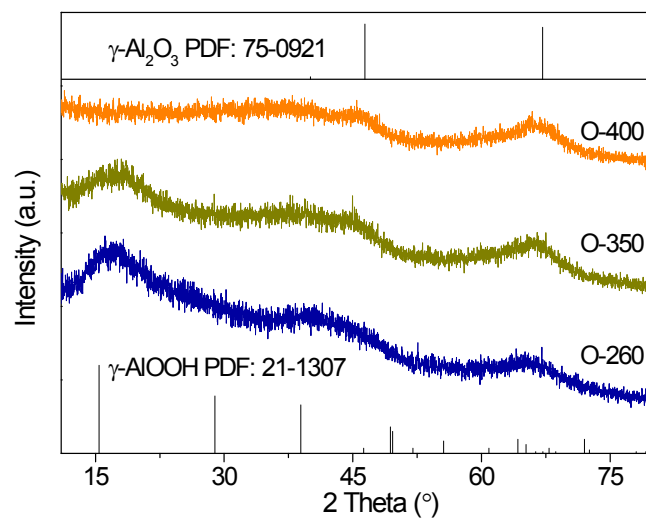


Figure S1 XRD patterns of O-260, O-350 and O-400.

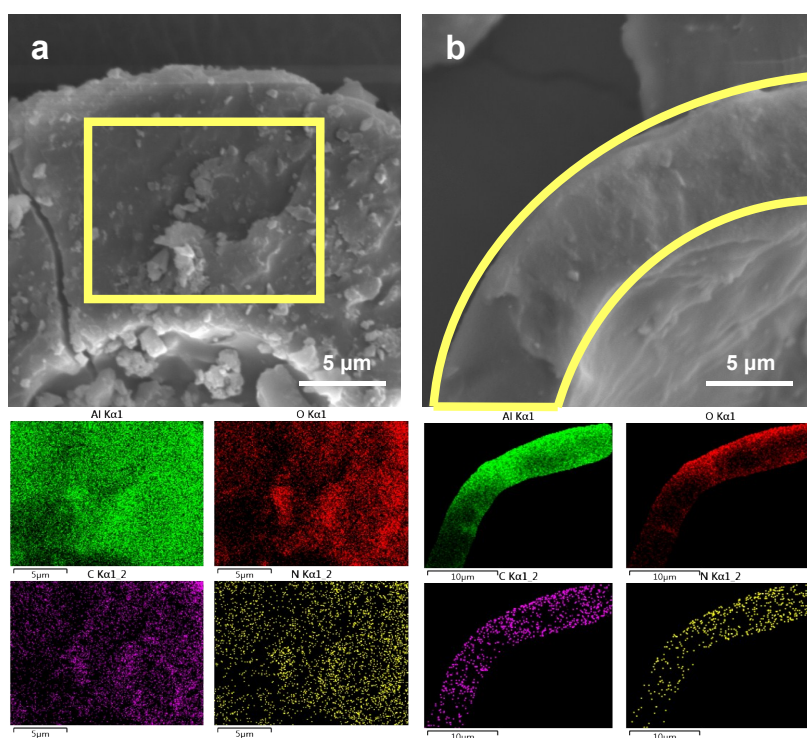


Figure S2 EDS mapping images of O-260 (a) and O-400 (b).

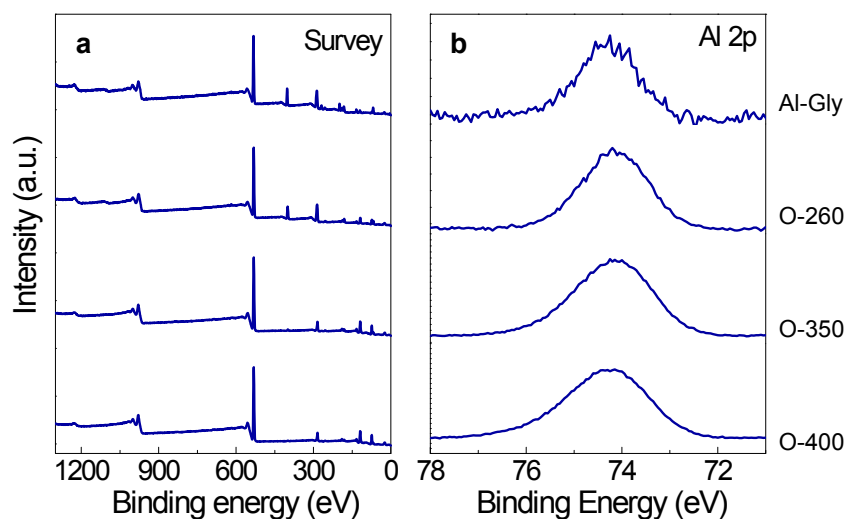


Figure S3 XPS survey spectra (a) and high-resolution Al 2p results (b) of Al-Gly, O-260, O-350 and O-400.

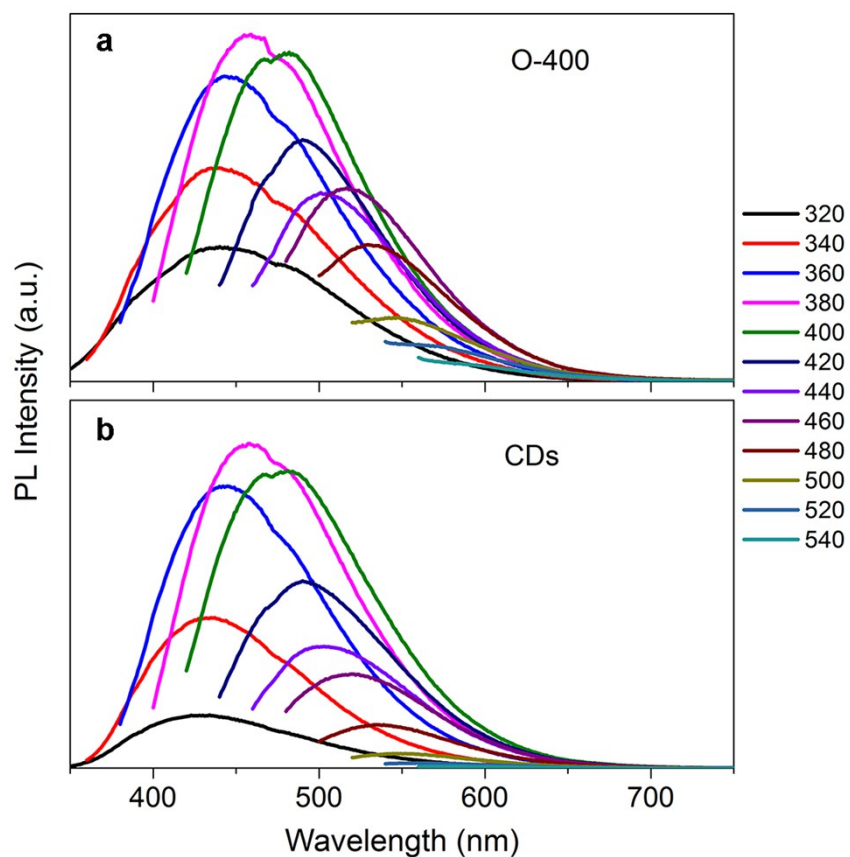


Figure S4 PL spectra of O-400 (a) and the extracted CDs solution (b) monitored under different λ_{exc} .

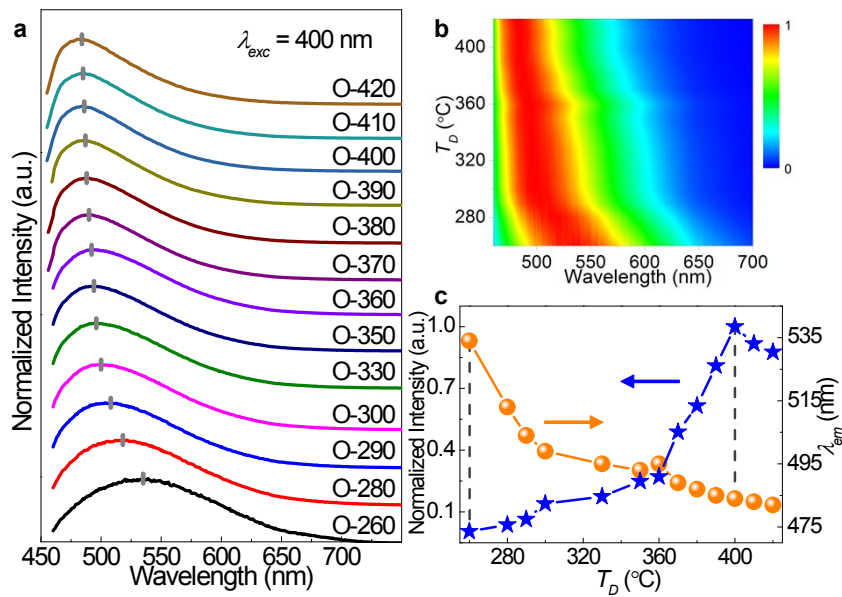


Figure S5 PL data of CDs@AlOOH with different T_D ($\lambda_{exc} = 400$ nm). (a) Normalized PL spectra. (b) Contour plot. (c) PL intensity and λ_{em} .

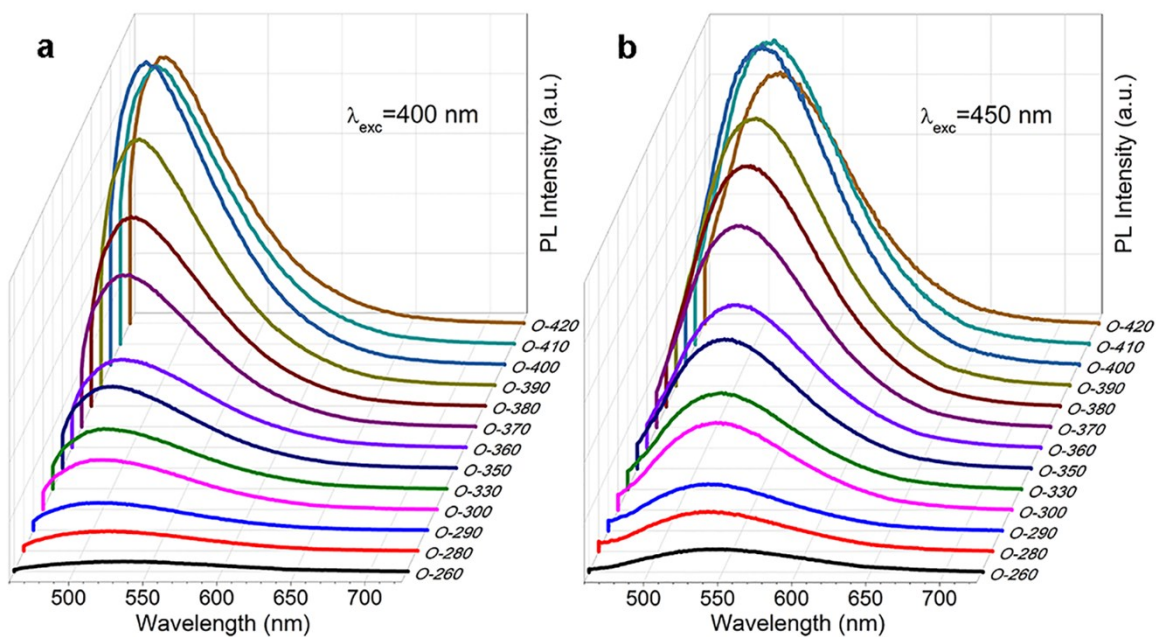


Figure S6 PL spectra of CDs@AlOOH with different T_D excited at 400 nm (a) and 450 nm (b).

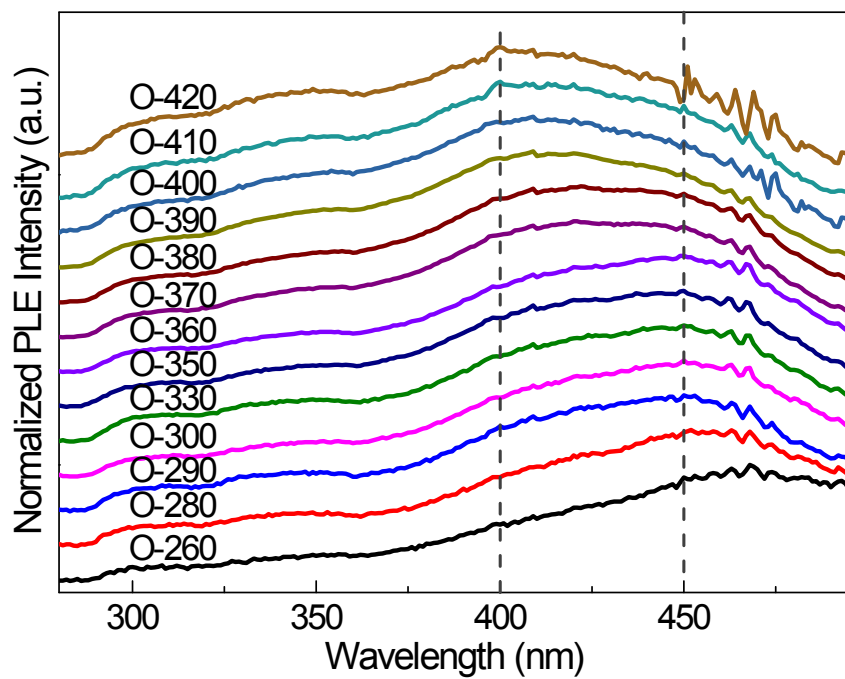


Figure S7 Normalized PL excitation spectra of CDs@AlOOH with different T_D (the detection wavelength is the λ_{em} of each sample).