

Electronic Supporting Information

For

Highly Luminescent Aggregate-Induced Emission from Polyethylene Glycol-Coated

Carbon Quantum Dot Clusters under Blue Light Illumination

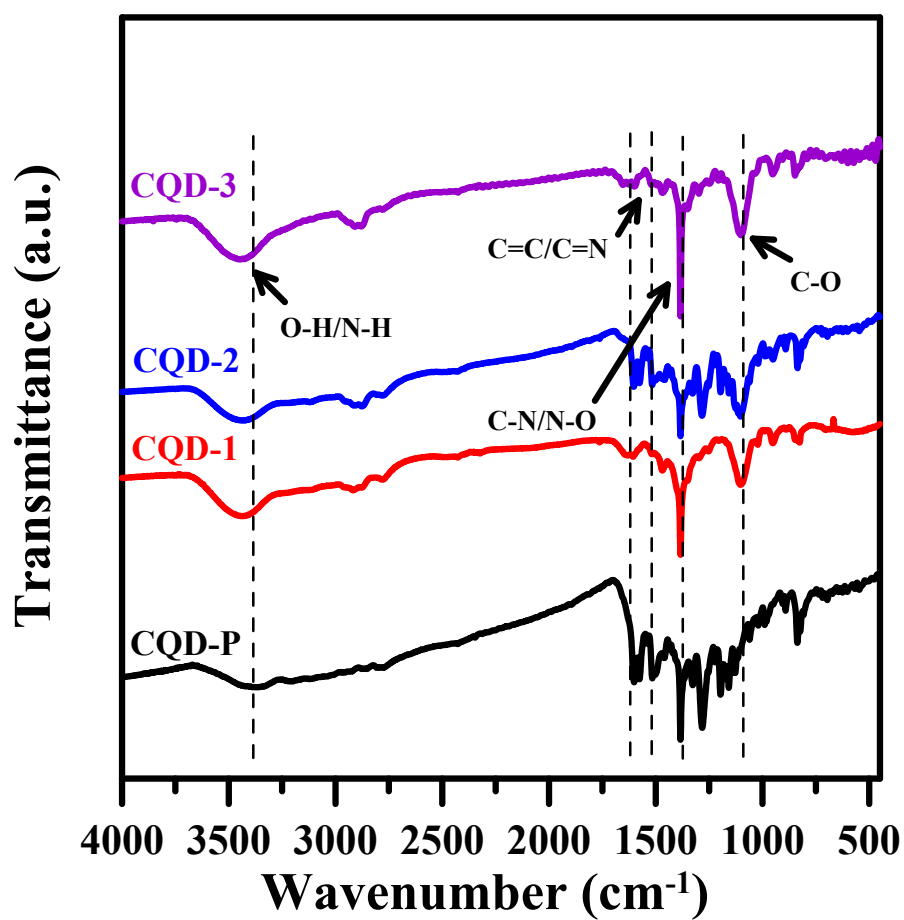


Fig. S1. FT-IR spectra of pristine and PEG-coated CQD samples.

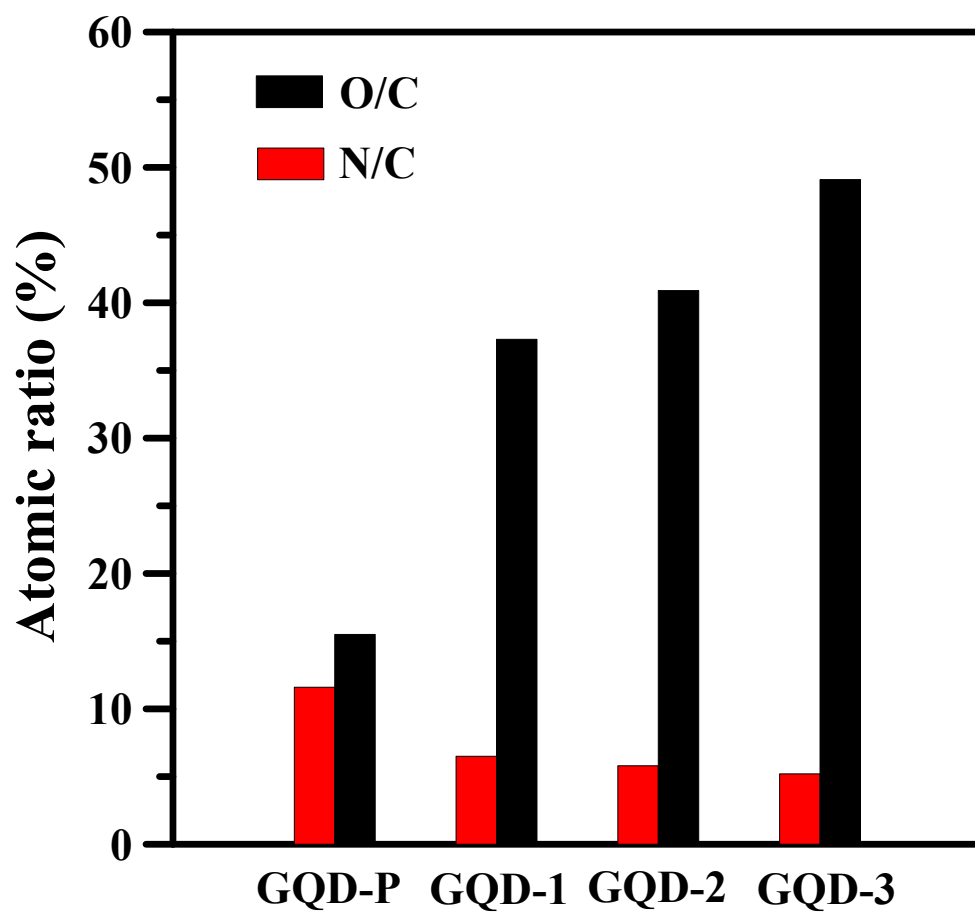


Fig. S2. Variation of O/C and N/C atomic ratio with different PEG-coated CGD clusters.

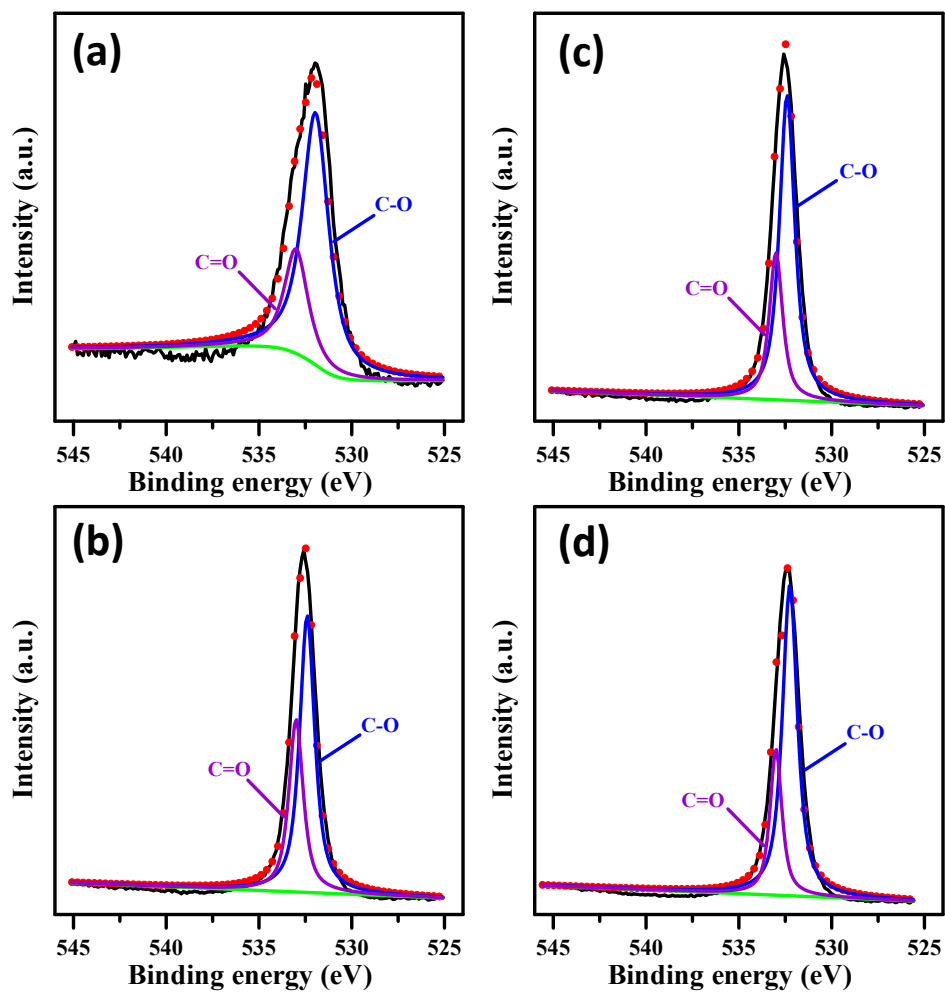


Fig. S3. XPS of O 1s peaks of different CQD samples: (a) CQD-P, (b) CQD-1, (c) CQD-2, and (d) CQD-3, deconvoluted by a multiple Gaussian function.

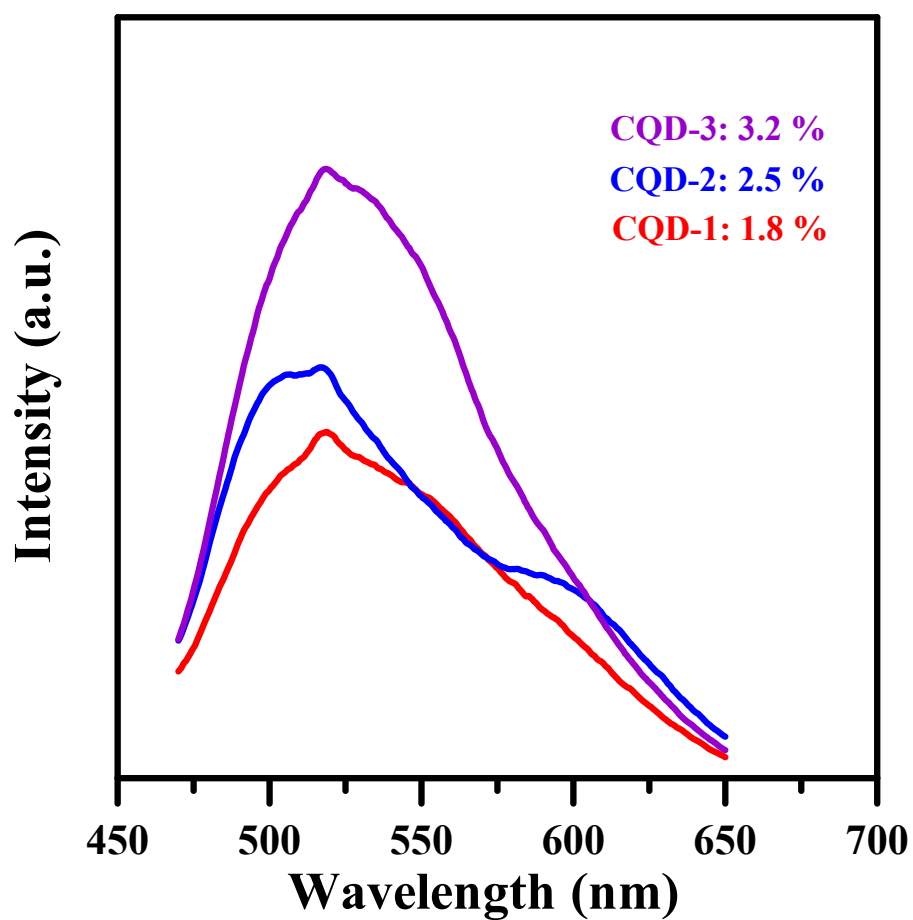


Fig. S4. PL spectra of PEG-coated CQD samples in ethanol under blue-light illumination (wavelength: 450 nm). The inset shows the QYs of PEG-coated CQD suspensions under UV illumination.