

# Supporting Information

## Photocatalysis from Fluorescence Quenched CdSe/Au Nano-heterostructures: A Size Dependent Study

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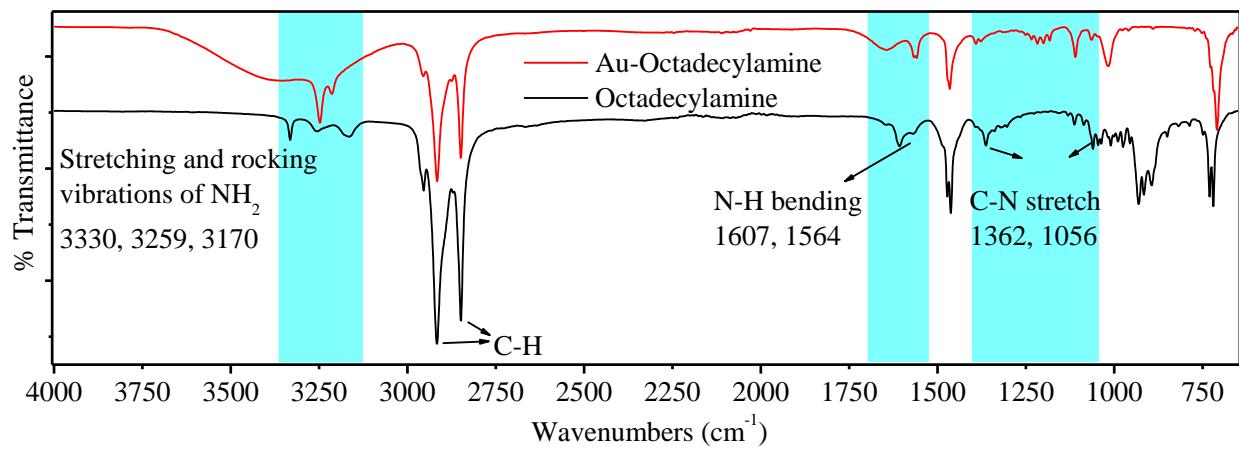


Figure S1: FTIR spectra of pure ODA and Au-ODA complex.

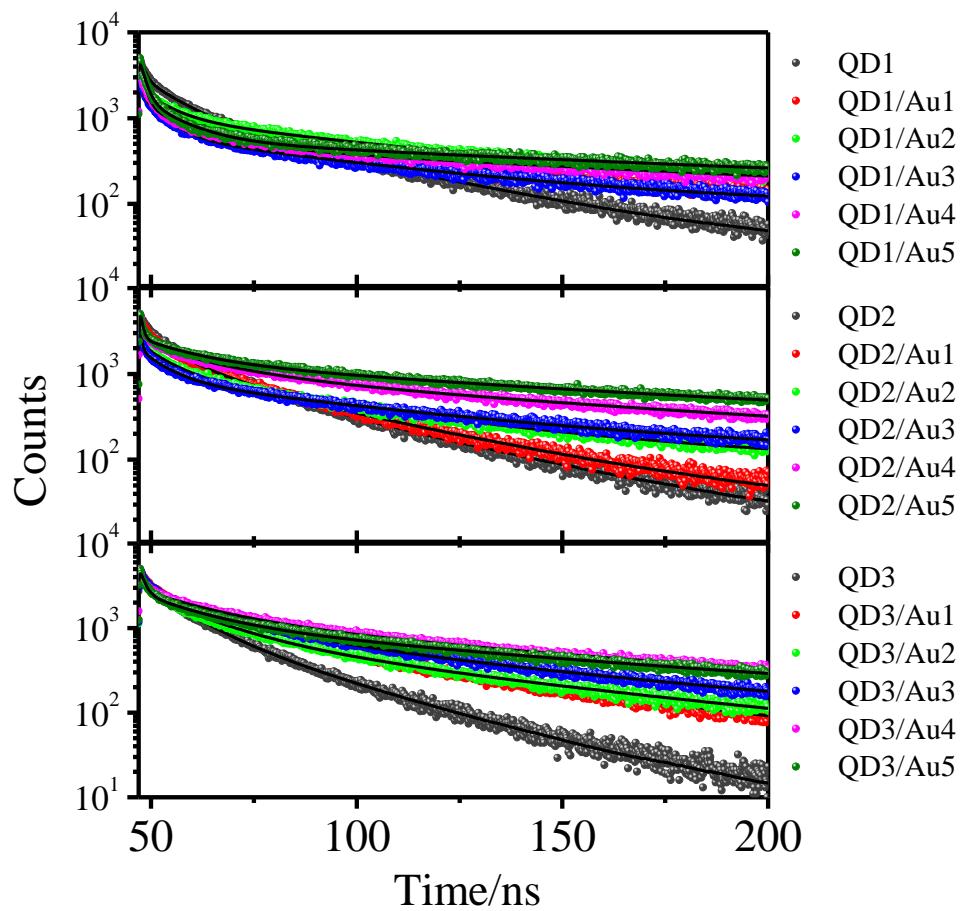


Figure S2: PL decay traces for QD<sub>n</sub> and QD<sub>n</sub>/Au (n=1-3)

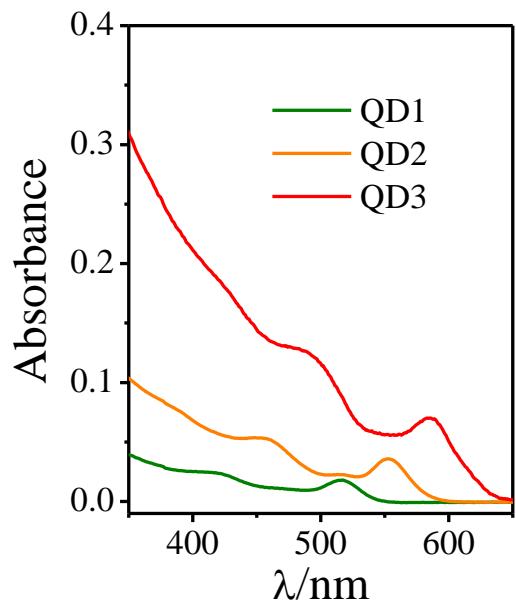


Figure S3: Comparative absorption spectra of QD1, QD2 and QD3 having same concentration.