Morphology dependent photo induced electron transfer from N, N Dimethylaniline to semiconductor Cadmium Sulfide

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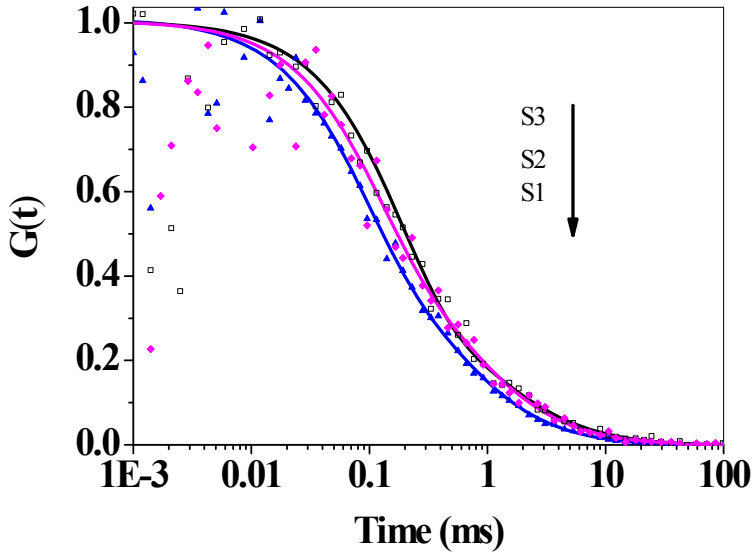

Fig. S1: Normalized fluorescence autocorrelation curves of CdS nanomaterials (sample S1, S2 and S3) in isopropanol (λ_{ex} =405 nm). The points denote the actual values of G(t) and the solid line denotes the best fit.

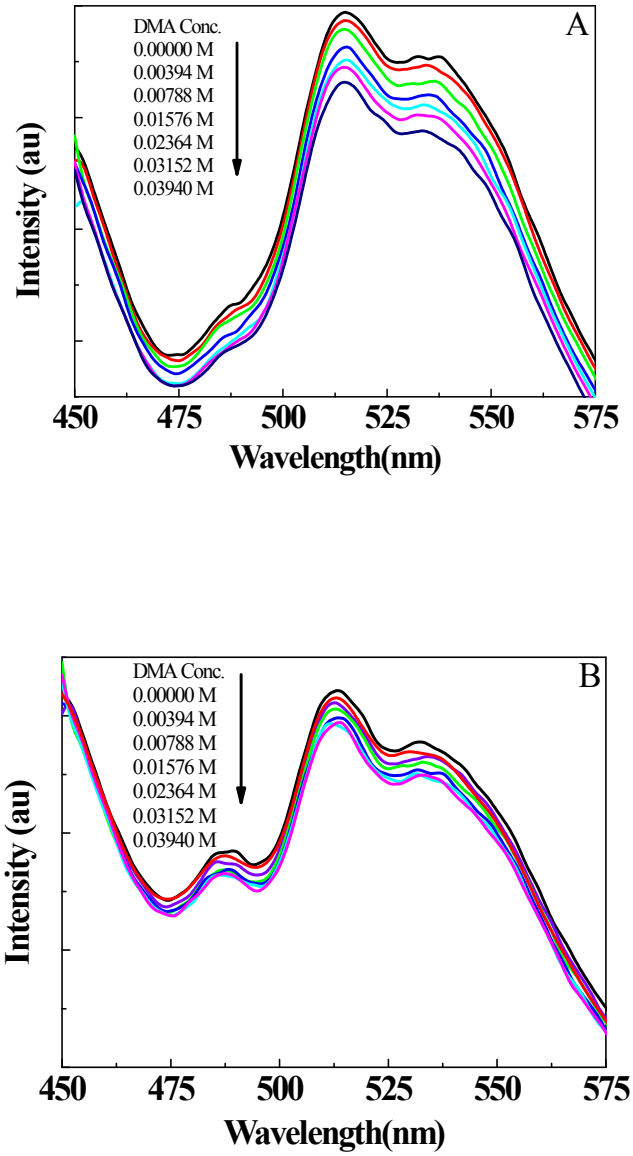

Fig. S2: Steady state emission spectra of sample S1 (A) and sample S2 (B) in isopropanol solvent at different DMA concentrations (λ_{ex}=375 nm).