

Supplementary Materials:

Size-Dependent Surface Photovoltage in CdSe Nanocrystal-Based Thin Films

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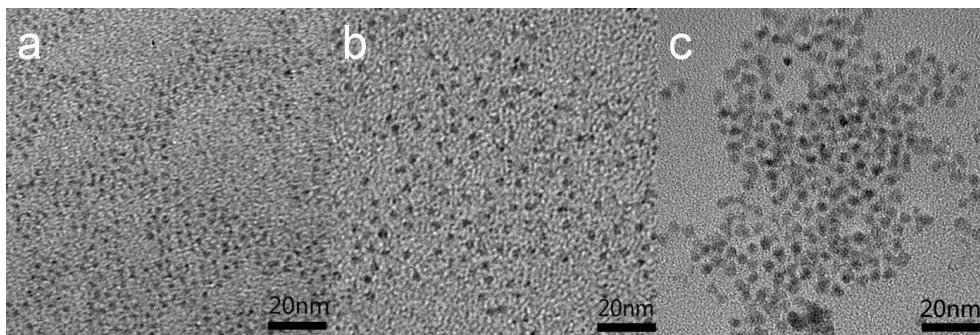


Fig. S1 TEM images for CdSe nanocrystals, particle sizes of are 2.0 nm (a), 2.8 nm (b), and 4.9 nm (c), respectively.

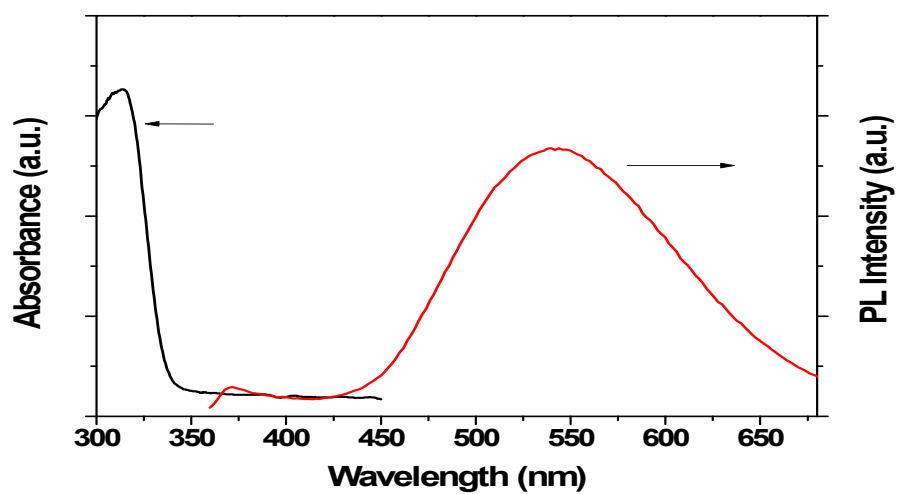


Fig. S2 UV-vis absorption and photoluminescence spectra of ZnO nanoparticles.

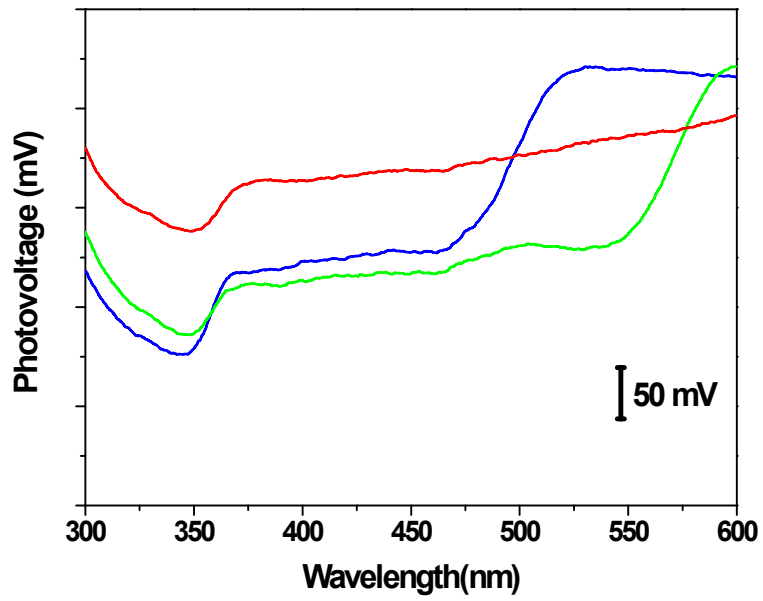


Fig. S3 Surface photovoltage spectra of CdSe/ZnO junctions. Particle sizes of CdSe nanocrystals are 2.0 nm (blue), 2.8 nm (green), and 4.9 nm (red), respectively. Scanning range is from 600 nm to 300 nm by Grating 1.