

Supporting Information

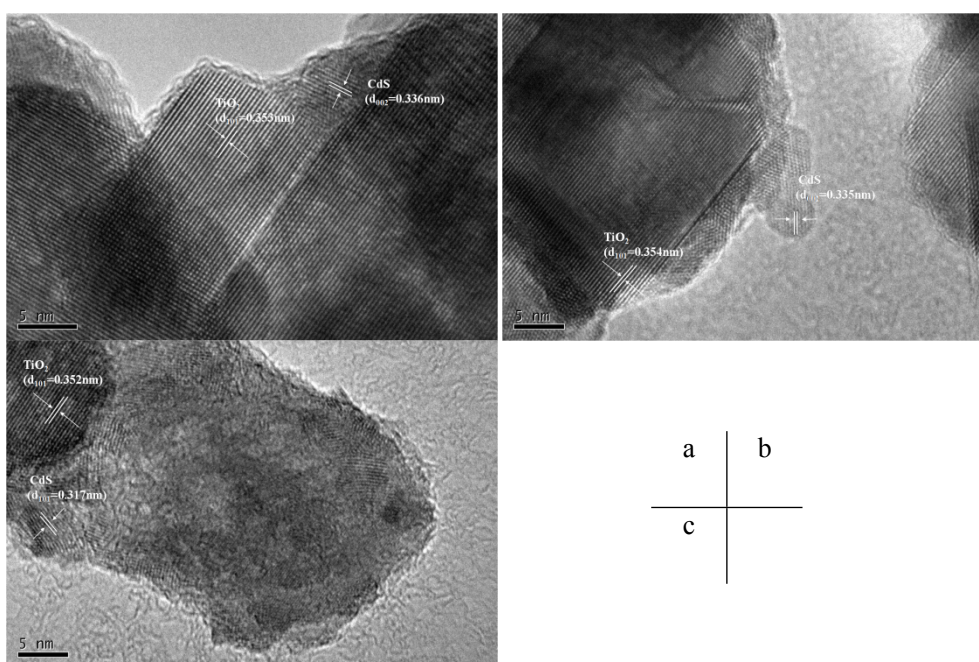


Figure S1. HRTEM images of different combined post-modification structures of photoanodes sensitized with QDs. (a) TiO₂/CdS, (b) TiO₂/CdS/ZnS/TBAI, (c) TiO₂/CdS/TBAI/ZnS

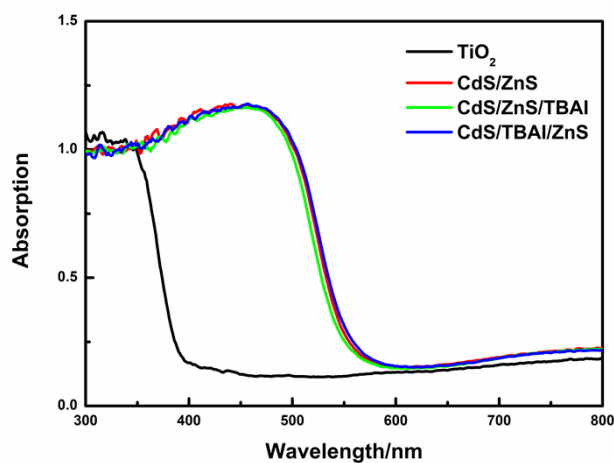


Figure S2. UV-Vis absorption of CdS sensitized photoanodes.

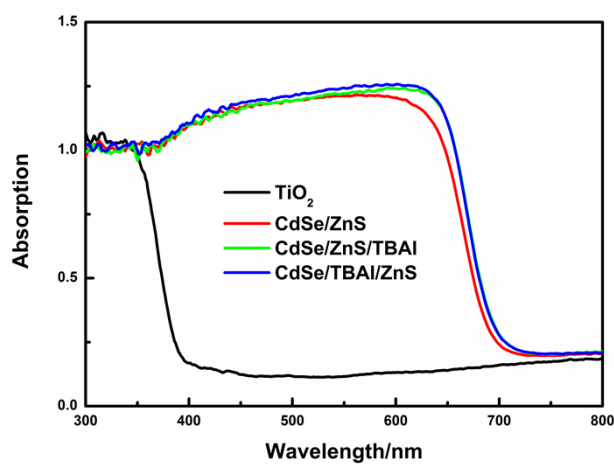


Figure S3. UV-Vis absorption of CdS/CdSe co-sensitized photoanodes.

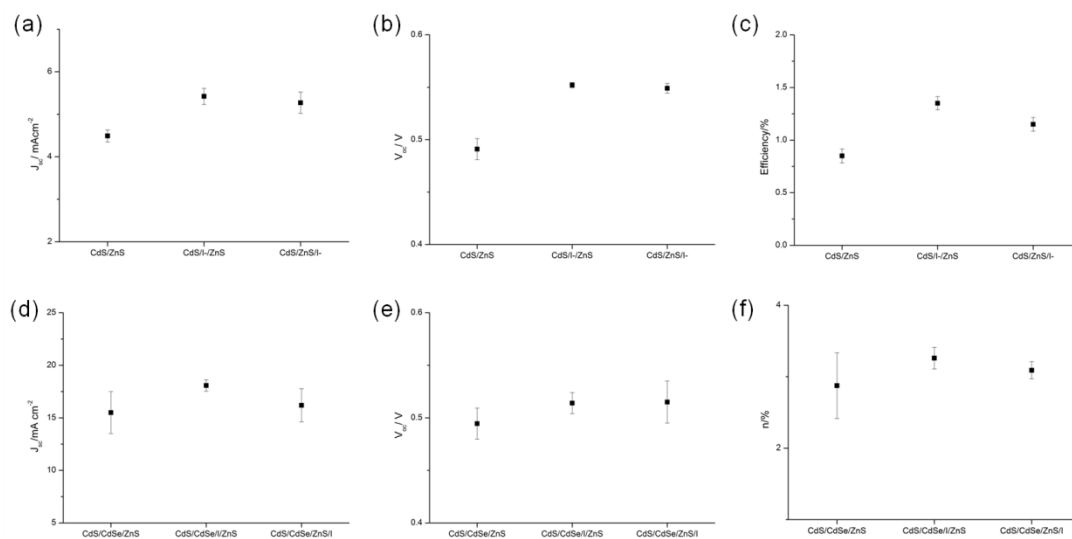


Figure S4. Error bars for the CdS-sensitized solar cells and CdS/CdSe-sensitized solar cells. The data was recorded by measuring three solar cells with the same components. (a-c) parameters of J_{sc} , V_{oc} and efficiency for CdS-sensitized solar cells, respectively; (d-f) J_{sc} , V_{oc} and efficiency for CdS/CdSe-sensitized solar cells, respectively.