

Efficient PbS Quantum Dot Solar Cells with Both Mg-Doped ZnO Window Layer and ZnO Nanocrystal Interface Passivation Layer

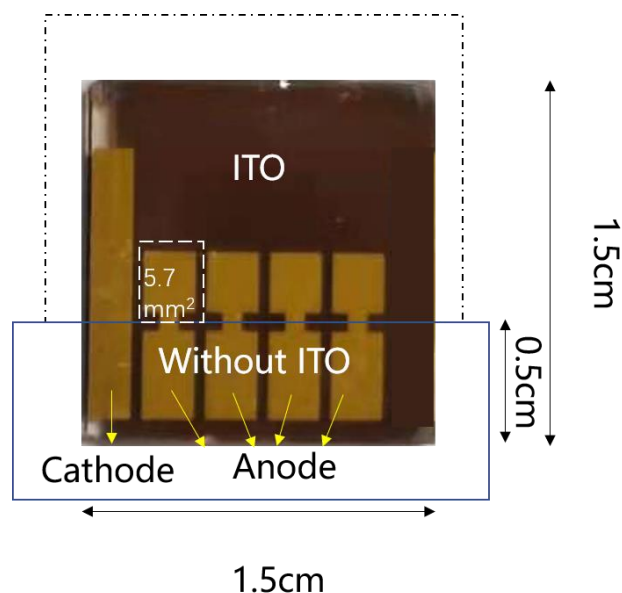


Figure S1. The photo of a real PbS CQDs solar cells, in the part of cathode, the MZO/ZnO NC/PbS active layer has been scraped away before Au deposition. The active area is 0.057 cm² for each device.

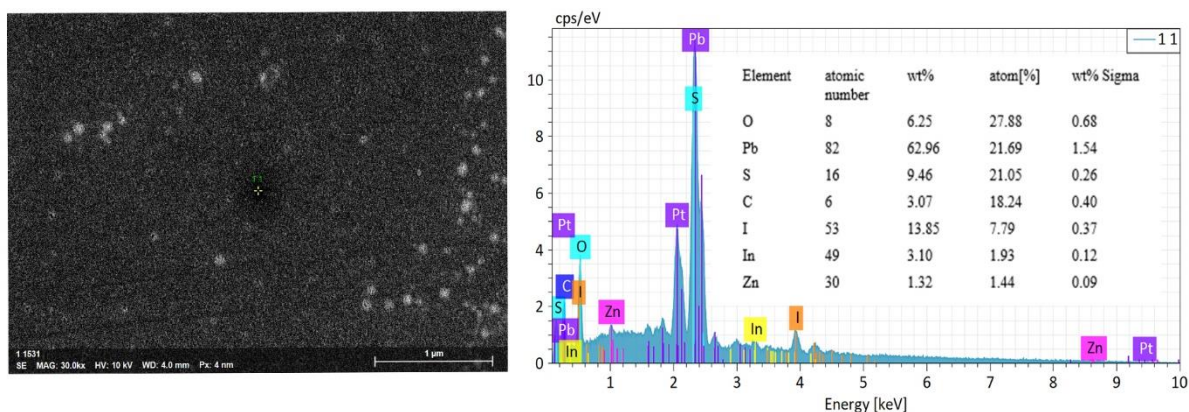


Figure S2. SEM image and Energy dispersive X-ray Spectroscopy of ITO/MZO/ZnO-NC/PbS CQDs.

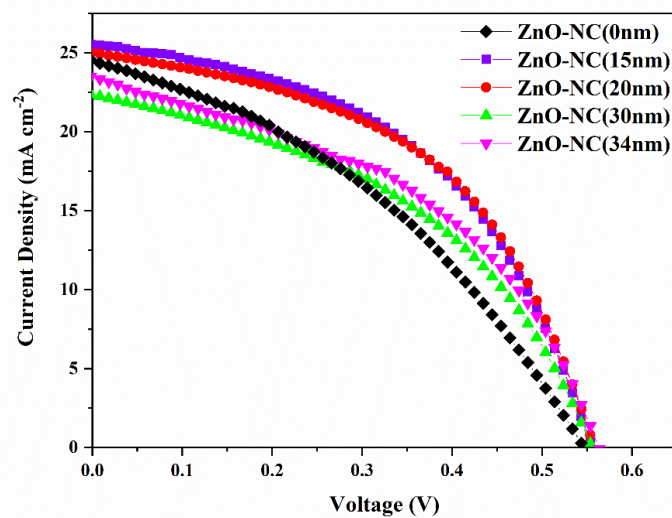


Figure S3. J - V curves for PbS QDs solar cells with different ZnO-NC layer thickness.

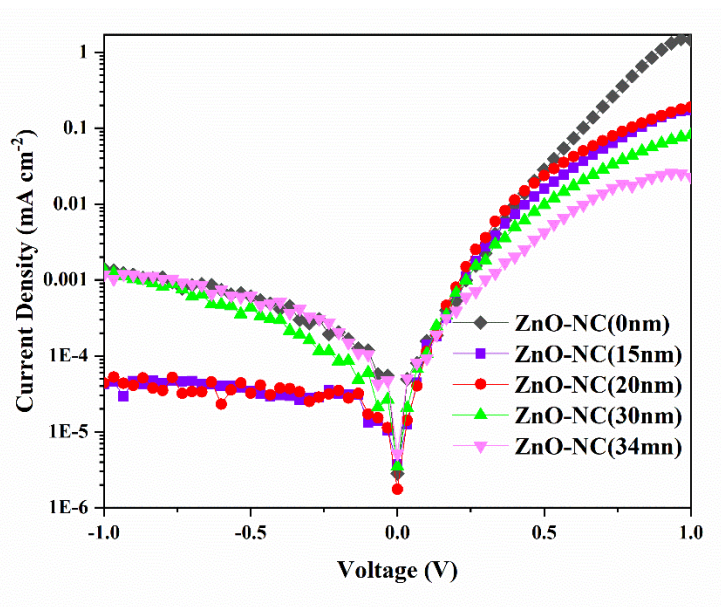


Figure S4. dark J - V curves for PbS QDs solar cells with different ZnO-NC layer thickness.