

Electronic Supplementary Information

Photoactive p-Type PbS as a Counter Electrode for Quantum Dot-Sensitized Solar Cells

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Electronic Supplementary Information for:

(S1) the influence of the SISCRC cycle number on the PbS electrode performance in
QDSSCs;

(S2) the incident photon to current conversion efficiency of the PbS- and CuS-
QDSSCs.

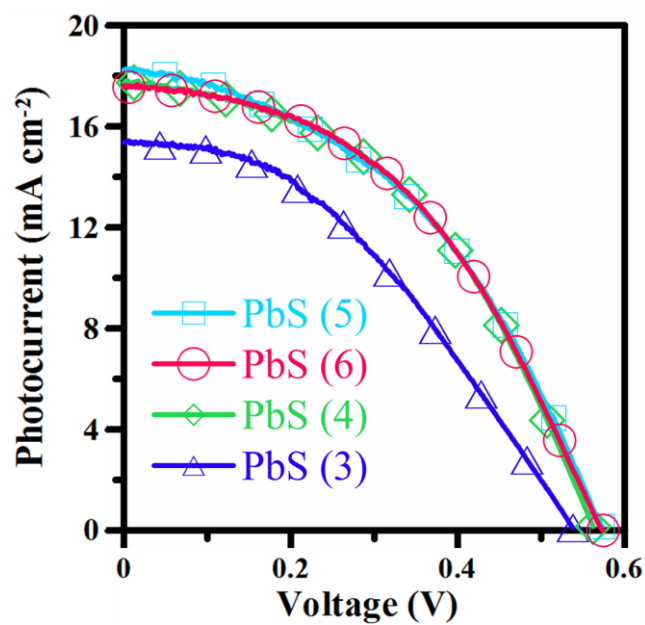


Fig. S1 Photocurrent-voltage characteristics of QDSSCs assembled with the $\text{TiO}_2/\text{CuInS}_2\text{-QDs/CdS/ZnS}$ photoanode and the PbS counter electrodes of varying SISCRC cycles (indicated in the parentheses) under simulated solar illumination at 100 mW cm^{-2} .

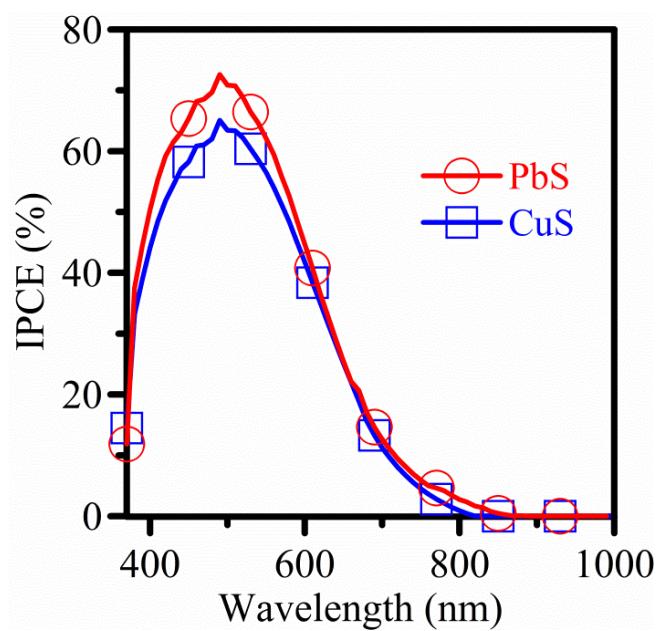


Fig. S2 Incident photon to current conversion efficiency (IPCE) of the PbS- and CuS-QDSSCs. The spectra were measured by the DC mode method, using an IPCE analyzer (Enlitech QE-R 3011, Taiwan).