

Electronic Supplementary Information

Perovskite-organic hybrid tandem solar cells using nanostructured perovskite layer as light window and PFN/doped-MoO₃/MoO₃ multi-layer interconnection layer

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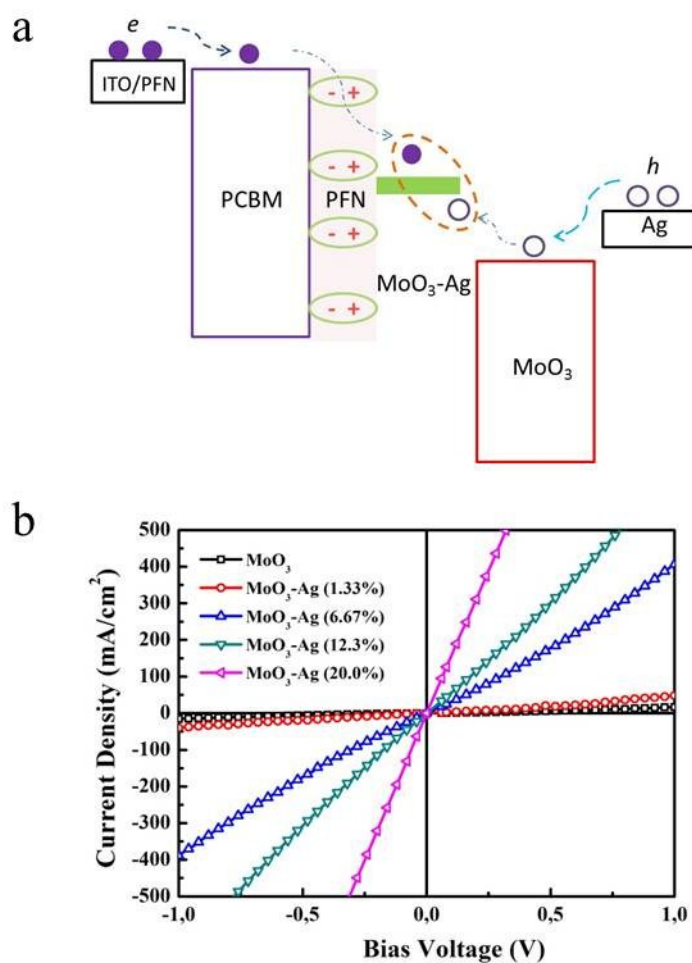


Figure S1. The schematic of working principle of the ICL diode with device architecture: ITO/PFN/PCBM/PFN/MoO₃-Ag (x%)/MoO₃/Ag (a) and the J-V characteristics of corresponding devices with Ag content from 0% to 20%.

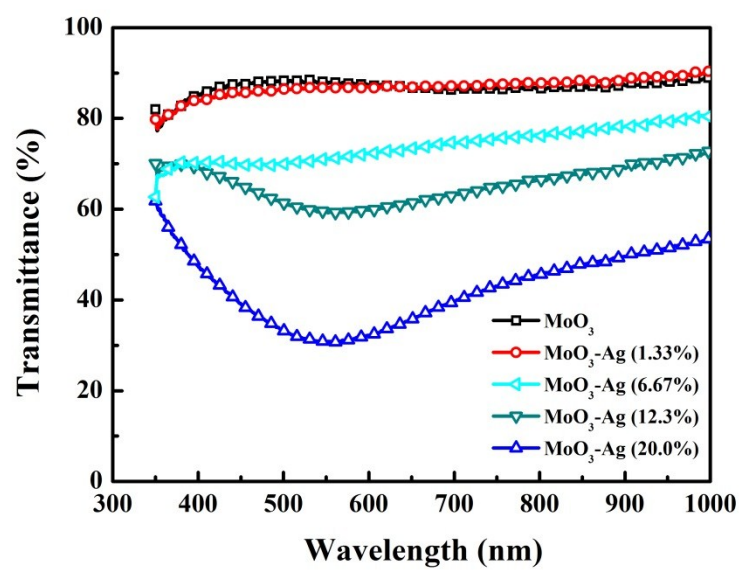


Figure S2. The transmittance spectra of ICLs on quartz substrate based on $\text{MoO}_3\text{-Ag}$ step layer with Ag weight percentage from 0% to 20%.