Supporting Information

Zinc Stannate Nanorod as an Electron Transporting Layer for Highly Efficient and Hysteresis-less Perovskite Solar Cells

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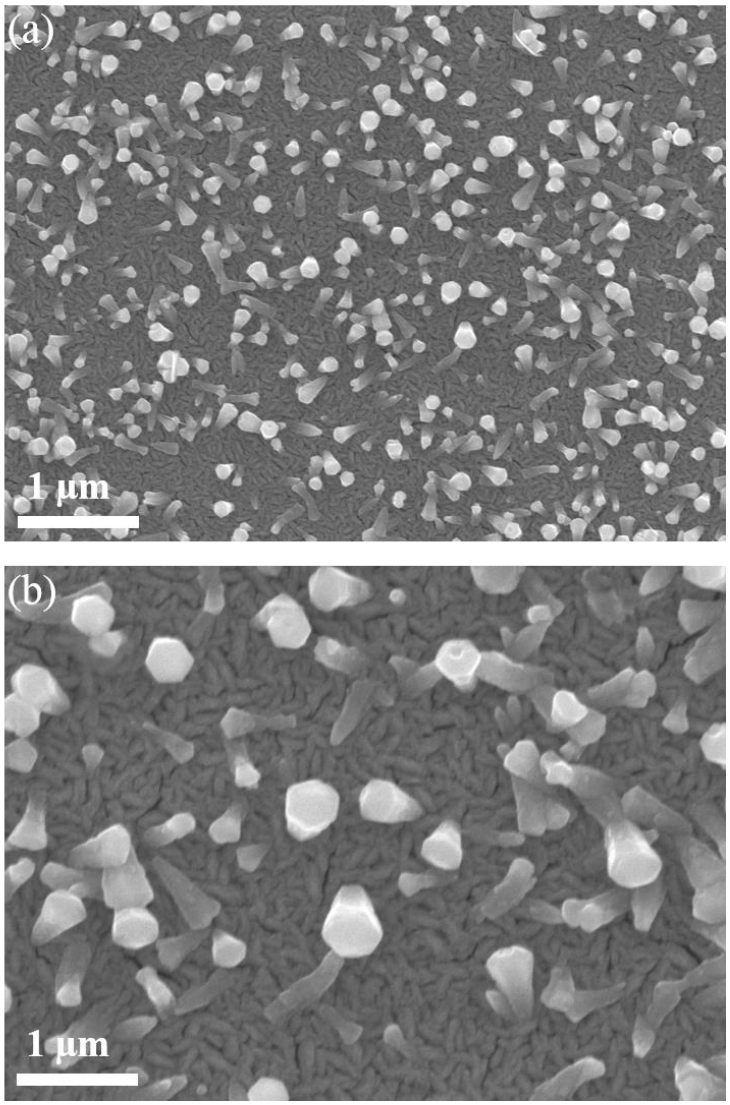

Fig. S1. Top-view SEM images of ZSO nanorod ETL deposited on glass with non-stoichiometric precursor concentration using USP method with low (a) and high (b) magnification.

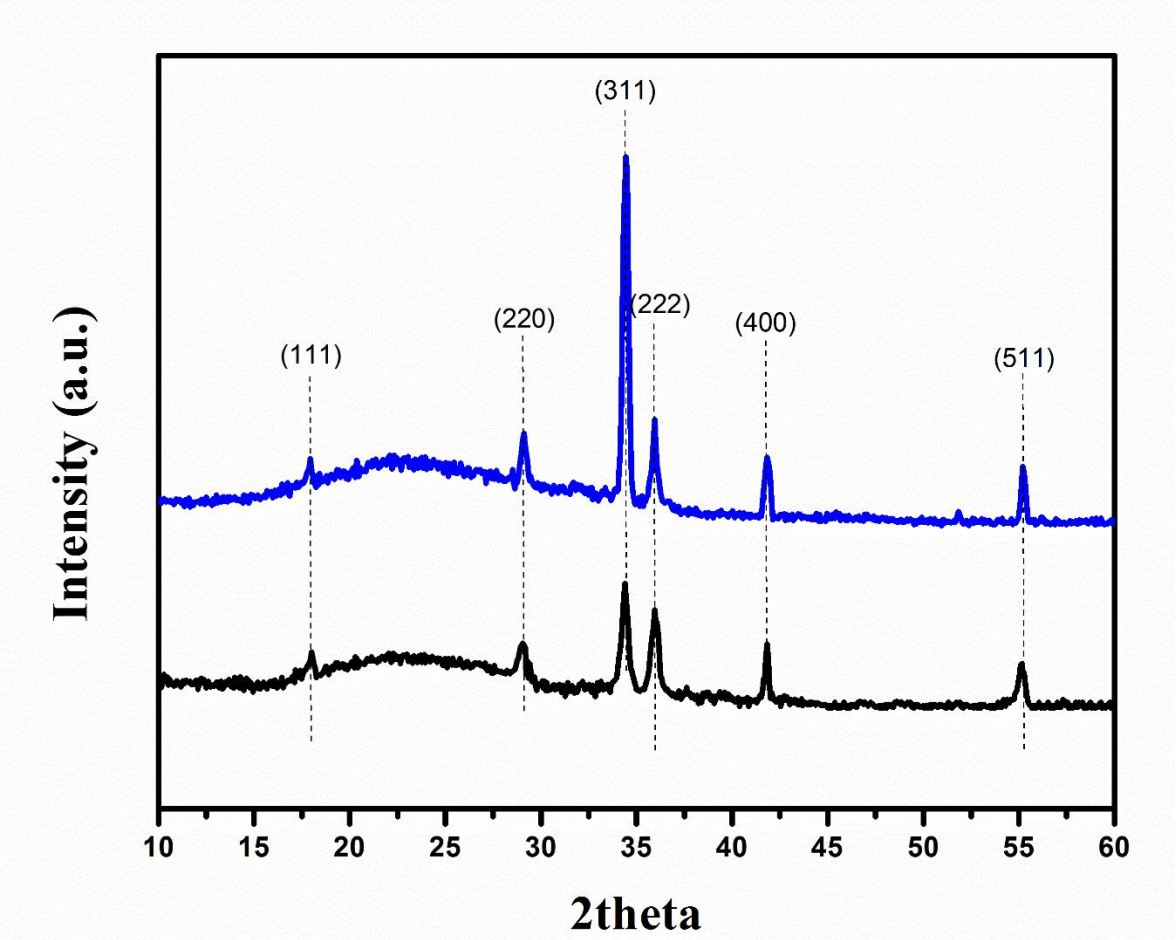

Fig. S2. X-ray diffraction pattern of ZSO nanorod ETL deposited on glass.

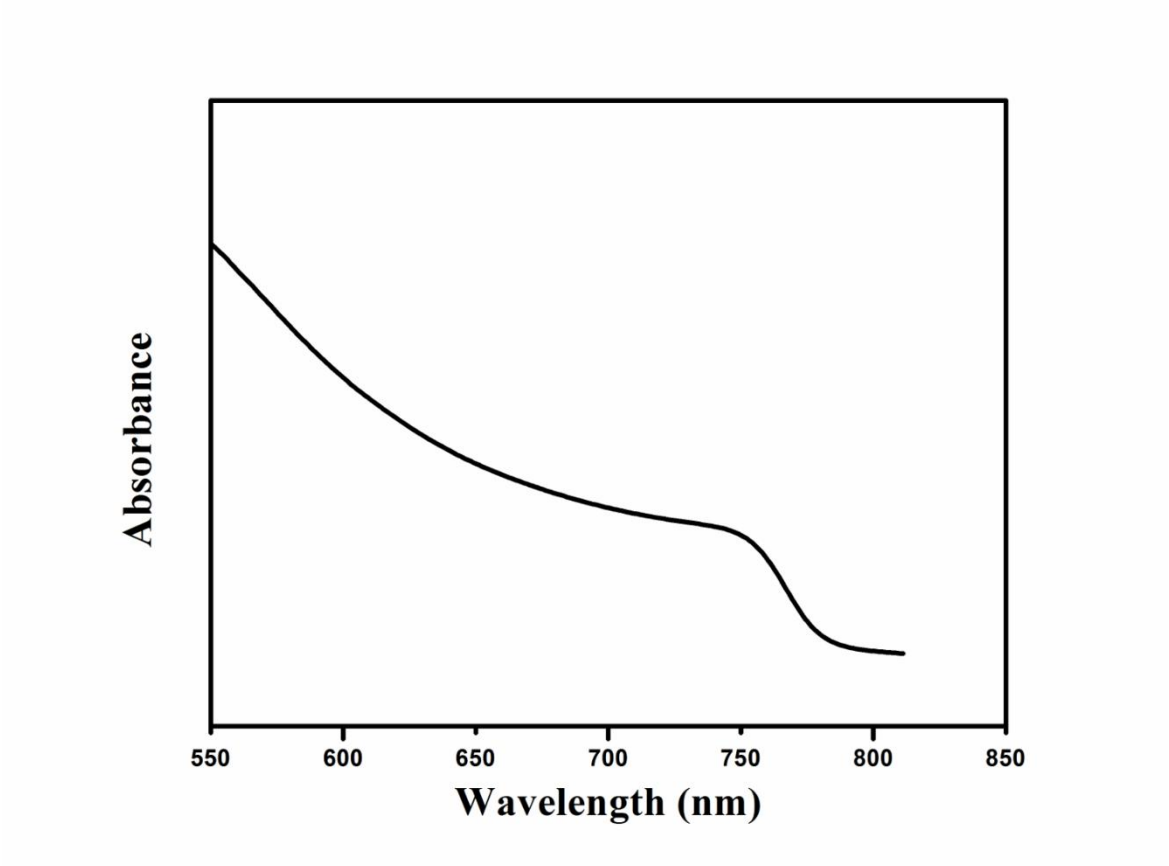

Fig. S3. Absorbance spectra of $MAPbI_3$ perovskite film deposited on glass.

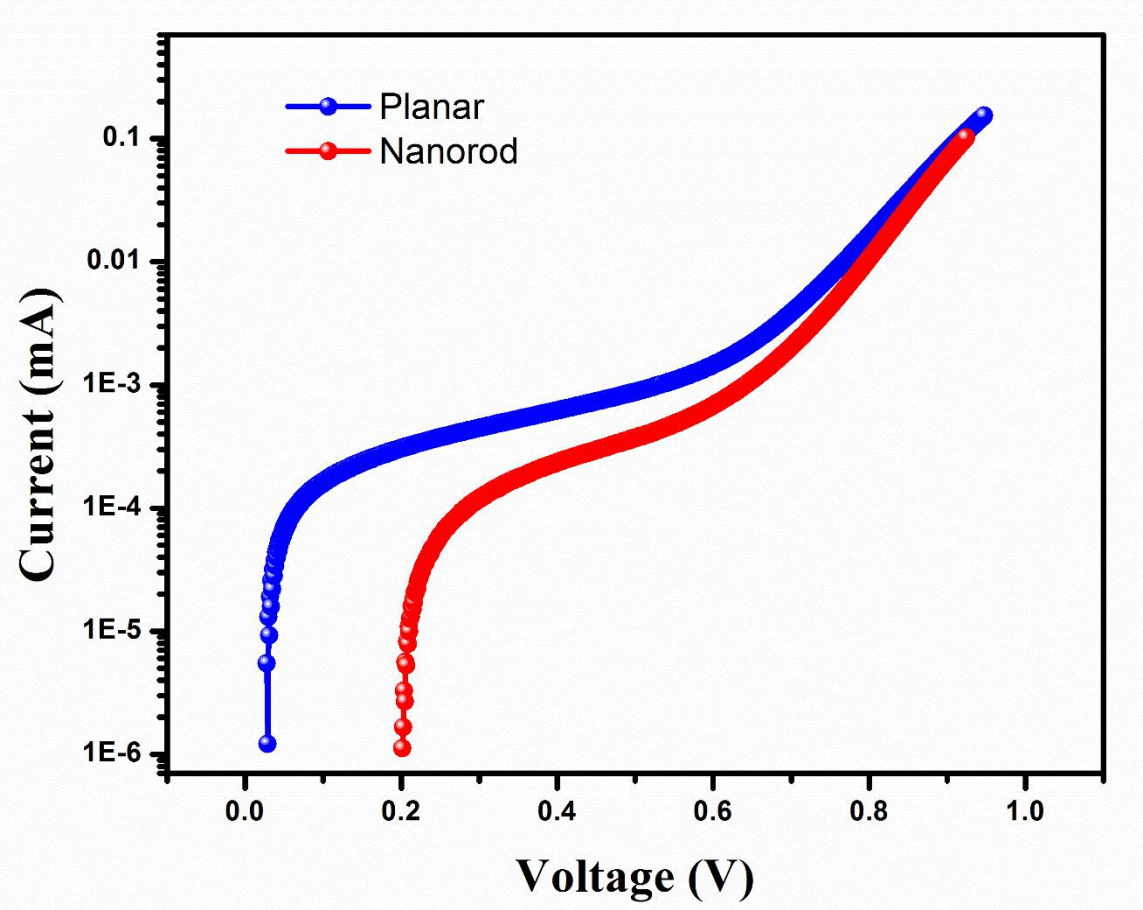

Fig. S4. Dark current measurement of PSCs based on planar and nanorod array ETLs.