Supporting Information to

Cadmium-doped flexible perovskite solar cells with low-cost and low-temperature-processed CdS electron transport layer

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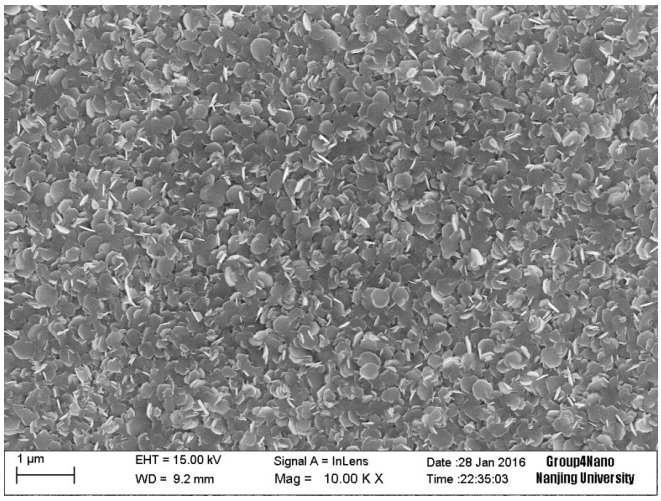

Fig. S1 Low magnication of PbI_2 thin film on the FTO/CdS substrate.

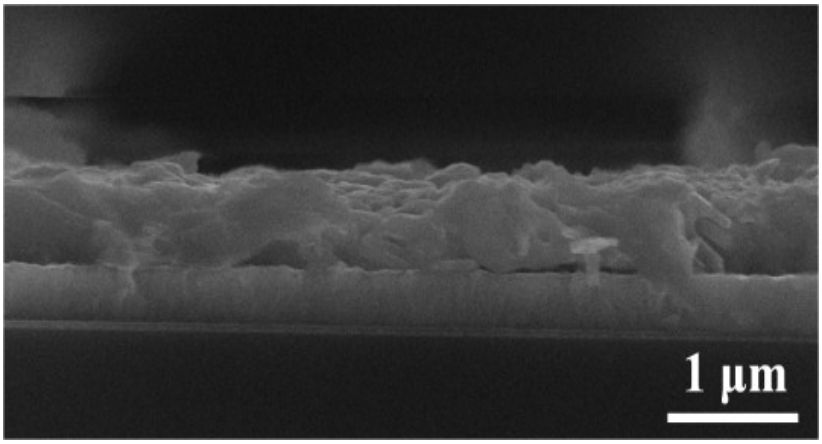

Fig. S2 The cross-section SEM image of the perovskite film.

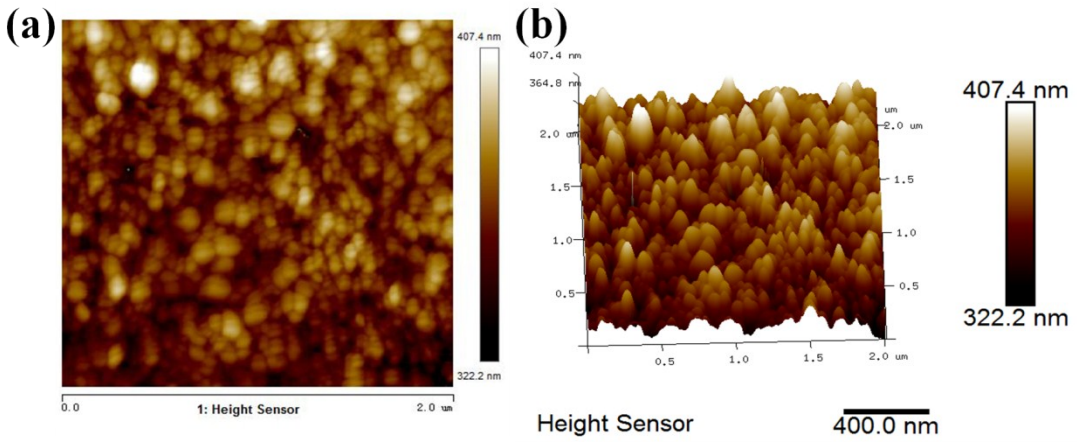

Fig. S3 The AFM images of CdS thin film deposited on FTO substrate by CBD process (a) 2D, (b) 3D.

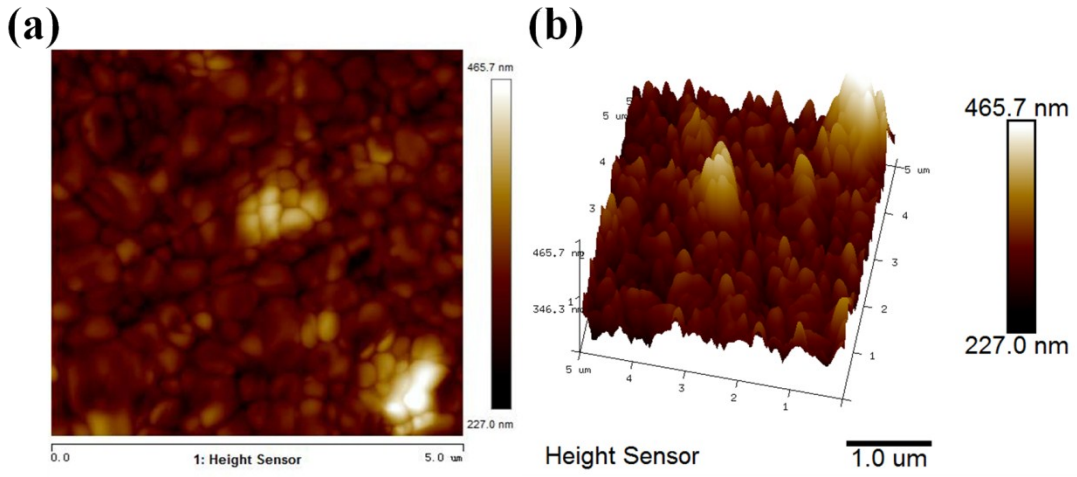

Fig. S4 The AFM images of perovskite thin film deposited on FTO/CdS substrate by

CBD process (a) 2D, (b) 3D.

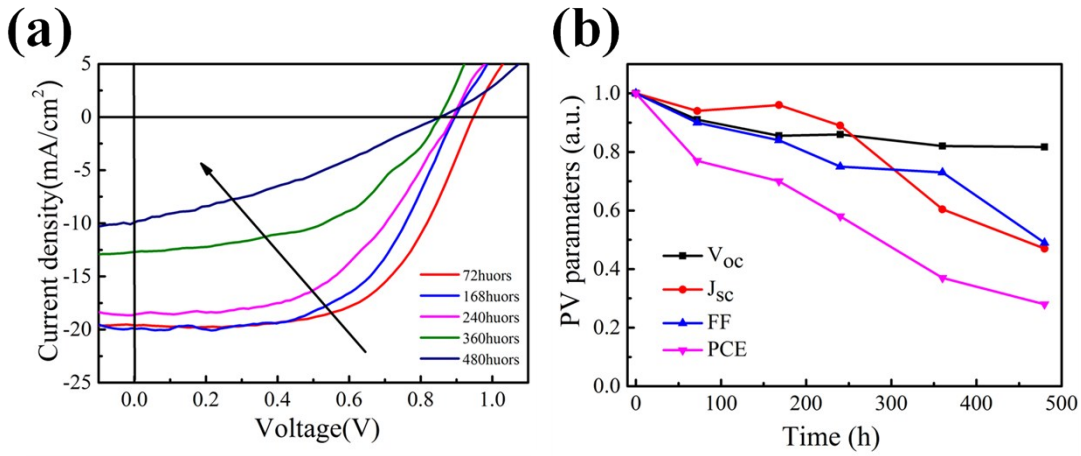

Fig. S5 Stability of the CdS-based PSCs (a) J-V curve, (b) the evolution of the photovoltaic parameters with time.

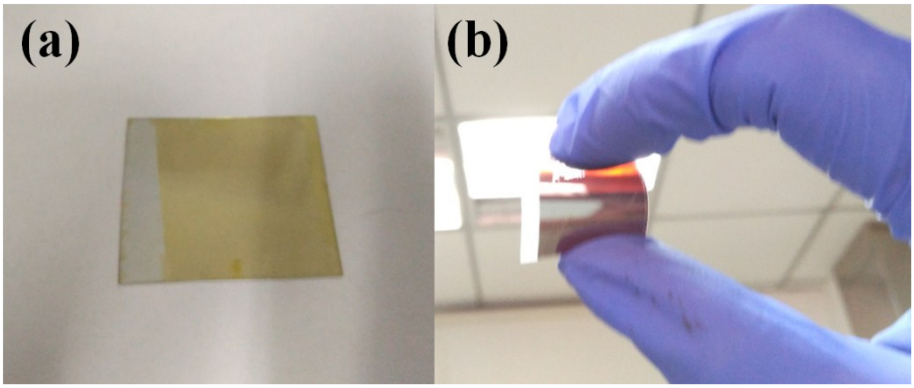

Fig. S6 Photograph of (a) CdS thin film on the PET/ITO substrate. (b) perovskite thin film on the PET/ITO/CdS substrate.