

Electronic Supplementary Information

Direct deposition of Sn doped CsPbBr₃ perovskite for efficient solar cells application

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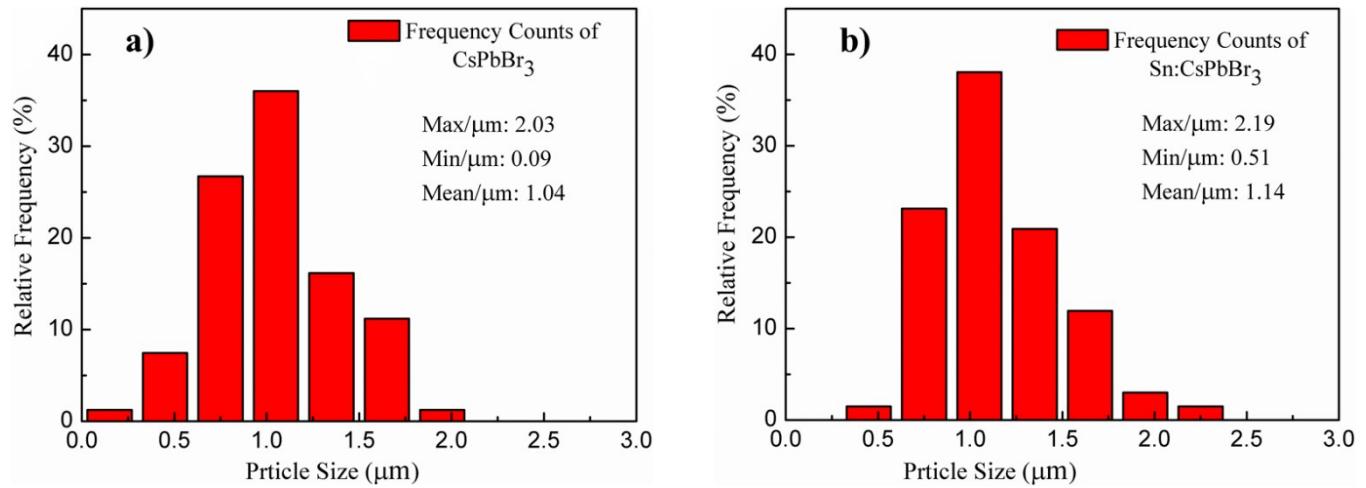


Figure S1. The statical particle size distribution data of (a) pristine CsPbBr_3 and (b) with 0.2 % Sn ion doped CsPbBr_3 perovskite thin-film.

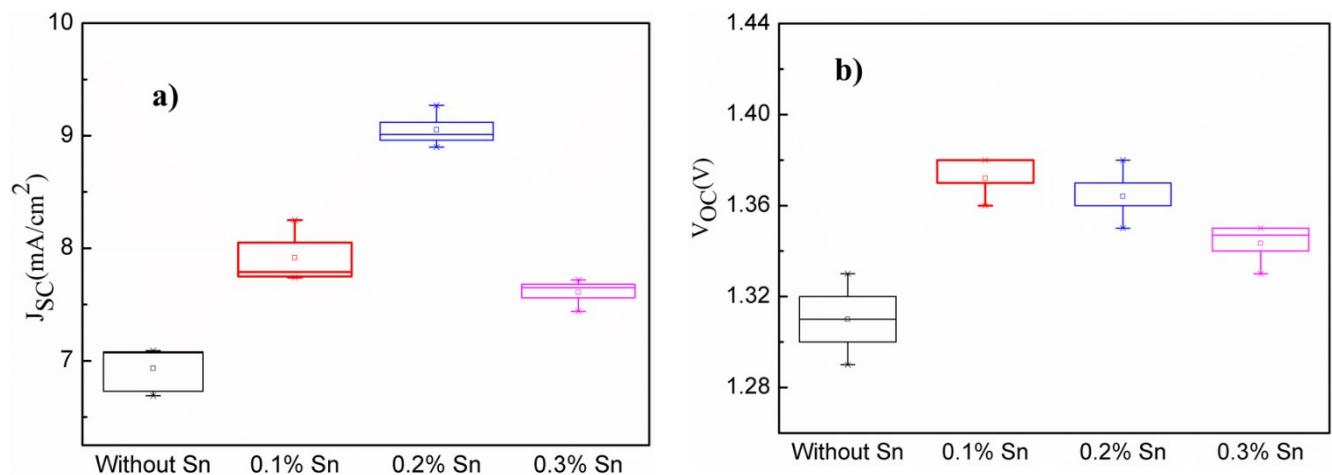


Figure S2. (a) Current density (J_{sc}) and (b) open-circuit voltage (V_{oc}) statistical distribution of without Sn, 0.1% Sn, 0.2% Sn and 0.3% Sn CsPbBr_3 PSCs devices respectively.