

Supporting information

Synergistic effects of zinc acetate additive on the performance enhancement of Sn-based perovskite solar cells

Guanqi Tang, ^{†a} Sihua Li, ^{†a} Jiupeng Cao,^a Tianyue Wang,^a Peng You,^a

Qidong Tai,^a and Feng Yan^{*a}

^a Department of Applied Physics, The Hong Kong Polytechnic University, Hong Kong, P. R. China

Corresponding email: apafyan@polyu.edu.hk

[†] These authors contributed equally to this work.

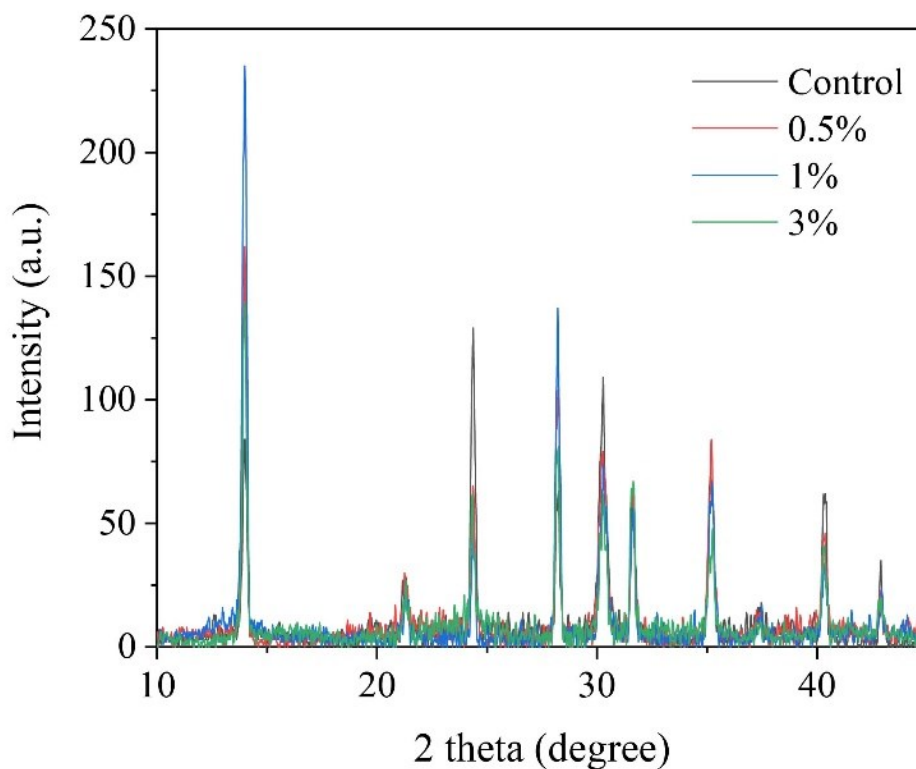


Figure S1. The XRD patterns of Sn perovskite films without and with different amount of ZnAc_2 .

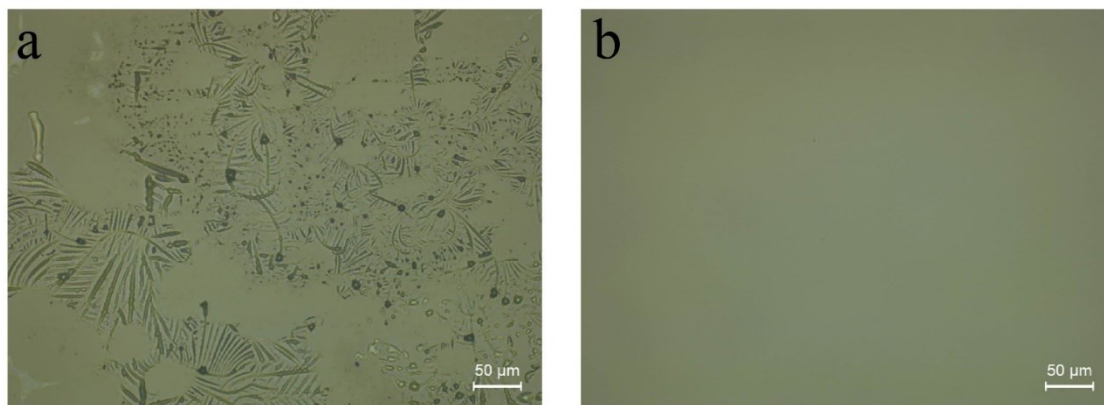


Figure S2. Photographs of SnCl_2 a) and SnCl_2 - ZnAc_2 complex b) films, respectively.

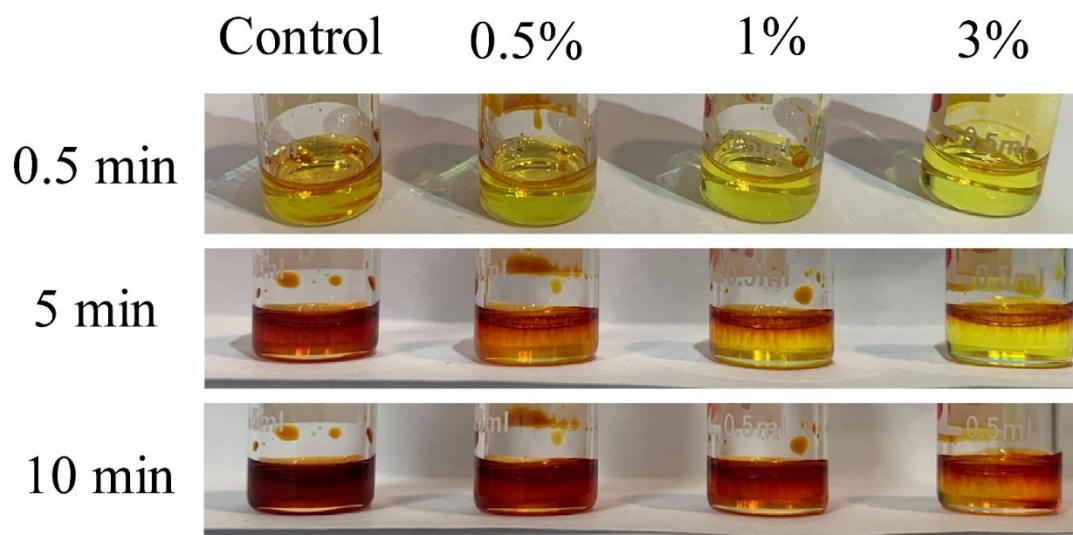


Figure S3. The photos of color changes of Sn perovskite solutions with different amount of ZnAc_2 being exposed to air for different periods of time.

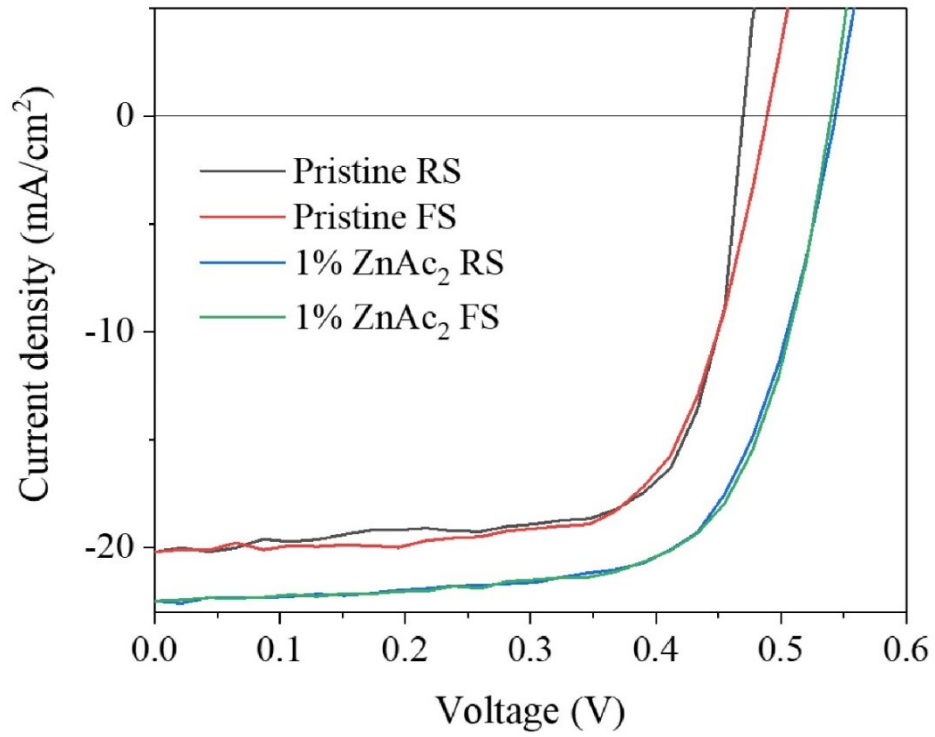


Figure S4. The J-V curves of champion devices in forward and reverse scan.