

Supplementary Information

Light-regulated Pyro-Phototronic Effect in a Perovskite Cs_2SnI_6 reinforced Ferroelectric Polymer Hybrid Nanostructure

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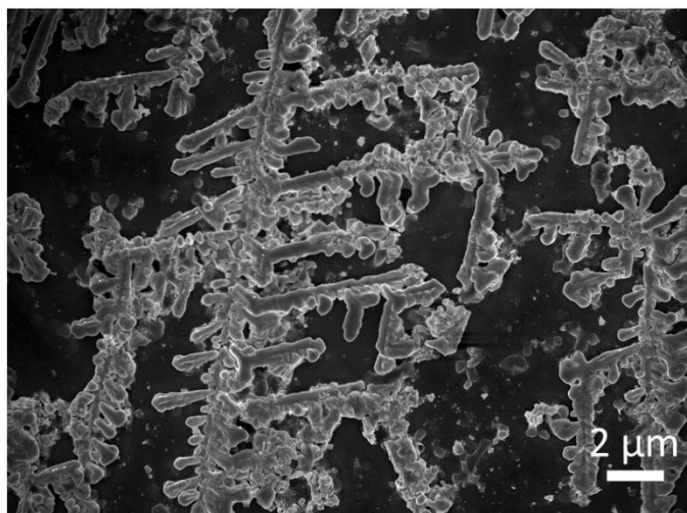


Fig. S1: Formation of dendritic structure of Cs_2SnI_6 in spin-coating method.

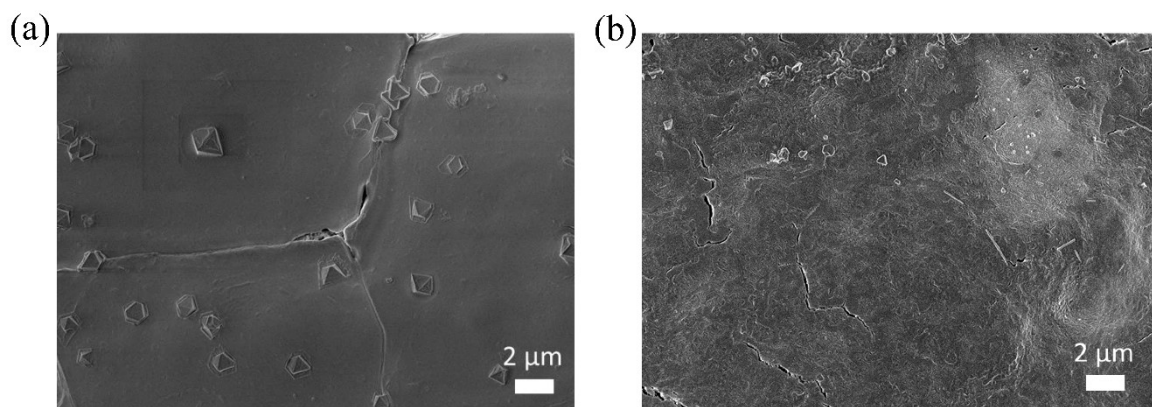


Fig. S2: FESEM image of (a) Cs_2SnI_6 and (b) Cs_2SnI_6 reinforced P(VDF-TrFE) .

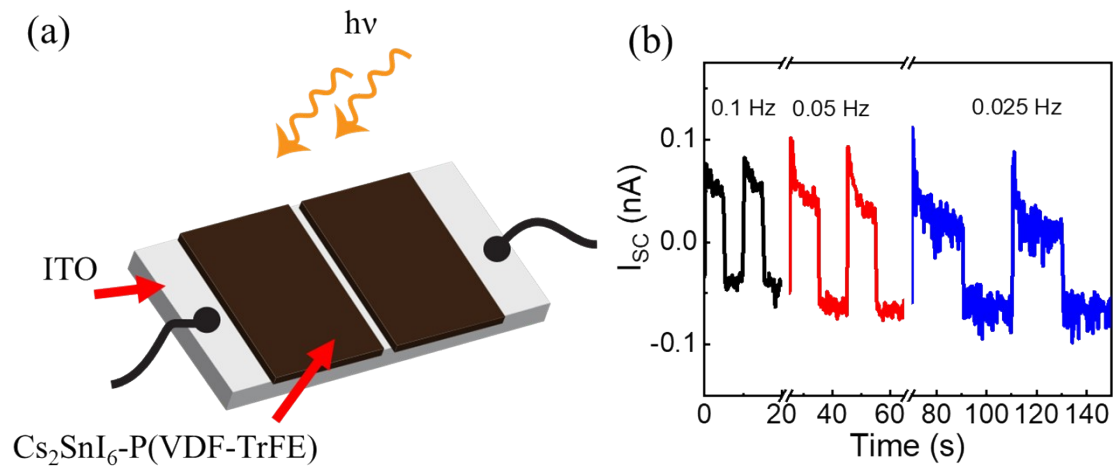


Fig. S3: Transient photocurrent response of $\text{Cs}_2\text{SnI}_6\text{-P(VDF-TrFE)}$ under zero applied bias.

Table R1: Atomic percentage of $\text{Cs}_2\text{SnI}_6\text{-P(VDF-TrFE)}$ as calculated from XPS.

Elements	Atomic %
Cs	23
Sn	12
I	65