

Electronic Supplementary Information

Low-cost solution-processed copper iodide as an alternative to PEDOT: PSS hole transport layer for efficient and stable inverted planar heterojunction perovskite solar cells

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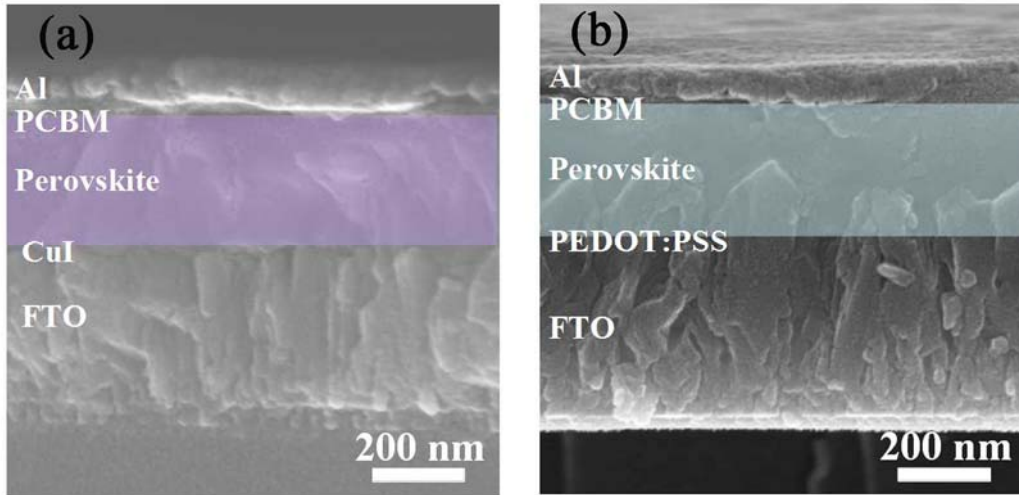


Fig. S1 Cross-sectional SEM images of the optimized device configuration with CuI (a), and PEDOT: PSS (b) as HTL.

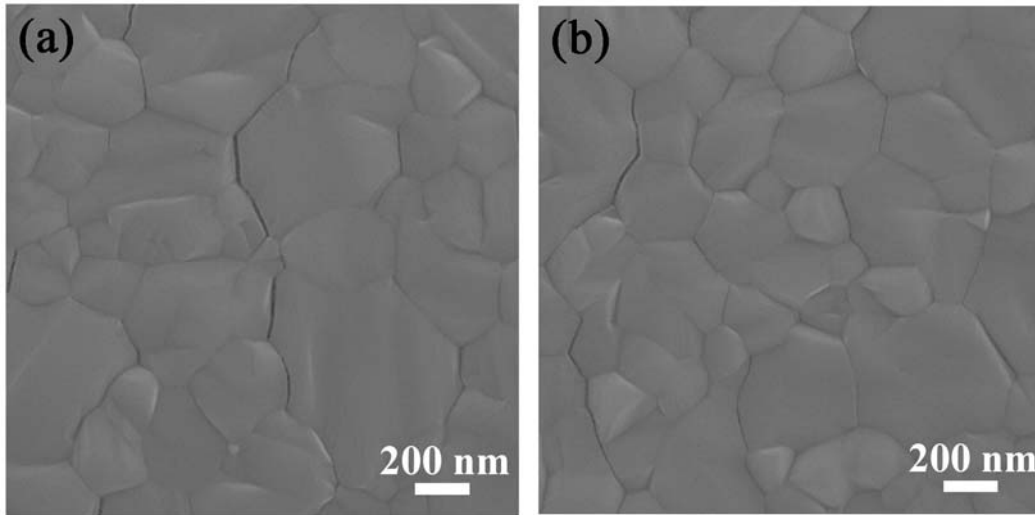


Fig. S2 SEM images of FTO/CuI/perovskite (a), and FTO/PEDOT: PSS/perovskite (b).

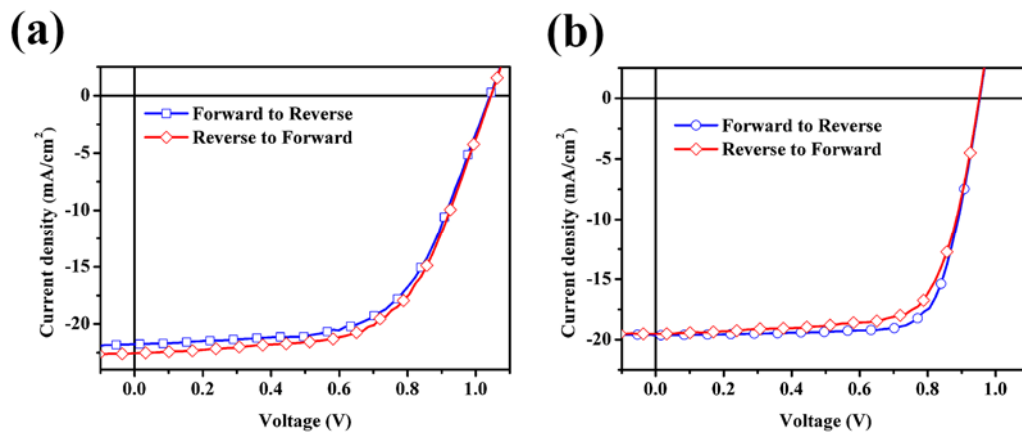


Fig. S3 *J-V* curves of the inverted PHJ perovskite solar cells based on CuI (a), and PEDOT: PSS (b) with respect to forward and reverse scan directions.