

Supporting Information

Polymer/Inorganic Hole Transport Layer for Low-Temperature-Processed Perovskite Solar Cells

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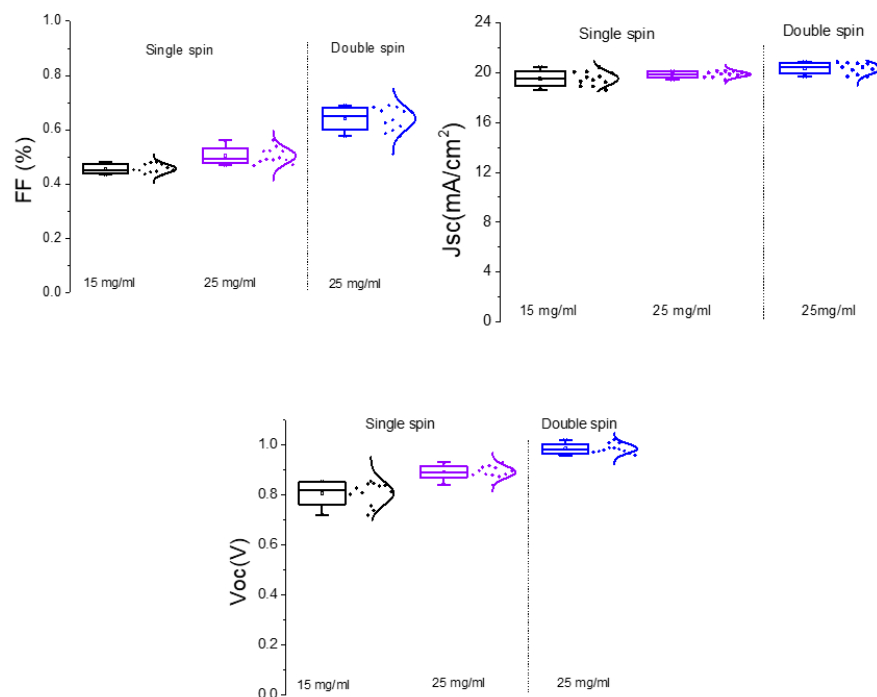


Figure.S1. Photovoltaic parameters of SnO₂/Perovskite/CuSCN/Au based devices (with single and double spin coating of 25mg mL⁻¹ of CuSCN in dipropyl sulfide). The first two sets are related to single spin deposition while the set consider a double spin coating CuSCN deposition PSC with an active area of 0.09cm²

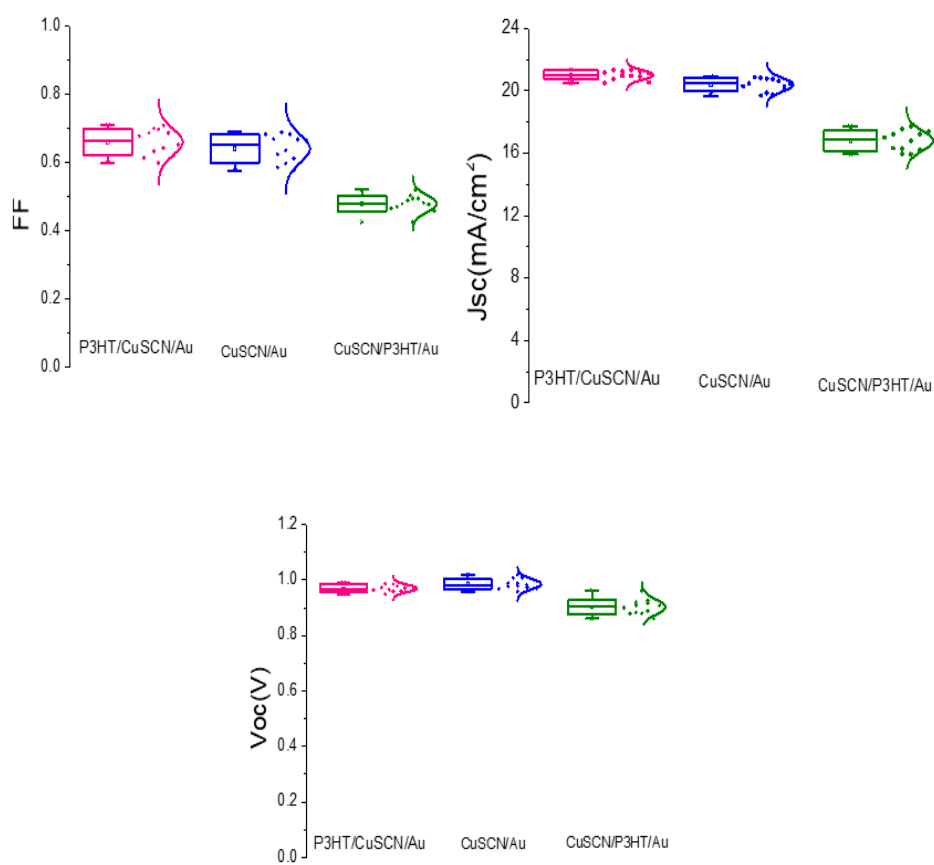


Figure.S2. Photovoltaic parameters of SnO₂/perovskite/HTM/Au based devices (with CuSCN, P3HT/CuSCN, CuSCN/P3HT as an HTL) with an illumination area of 0.09cm².

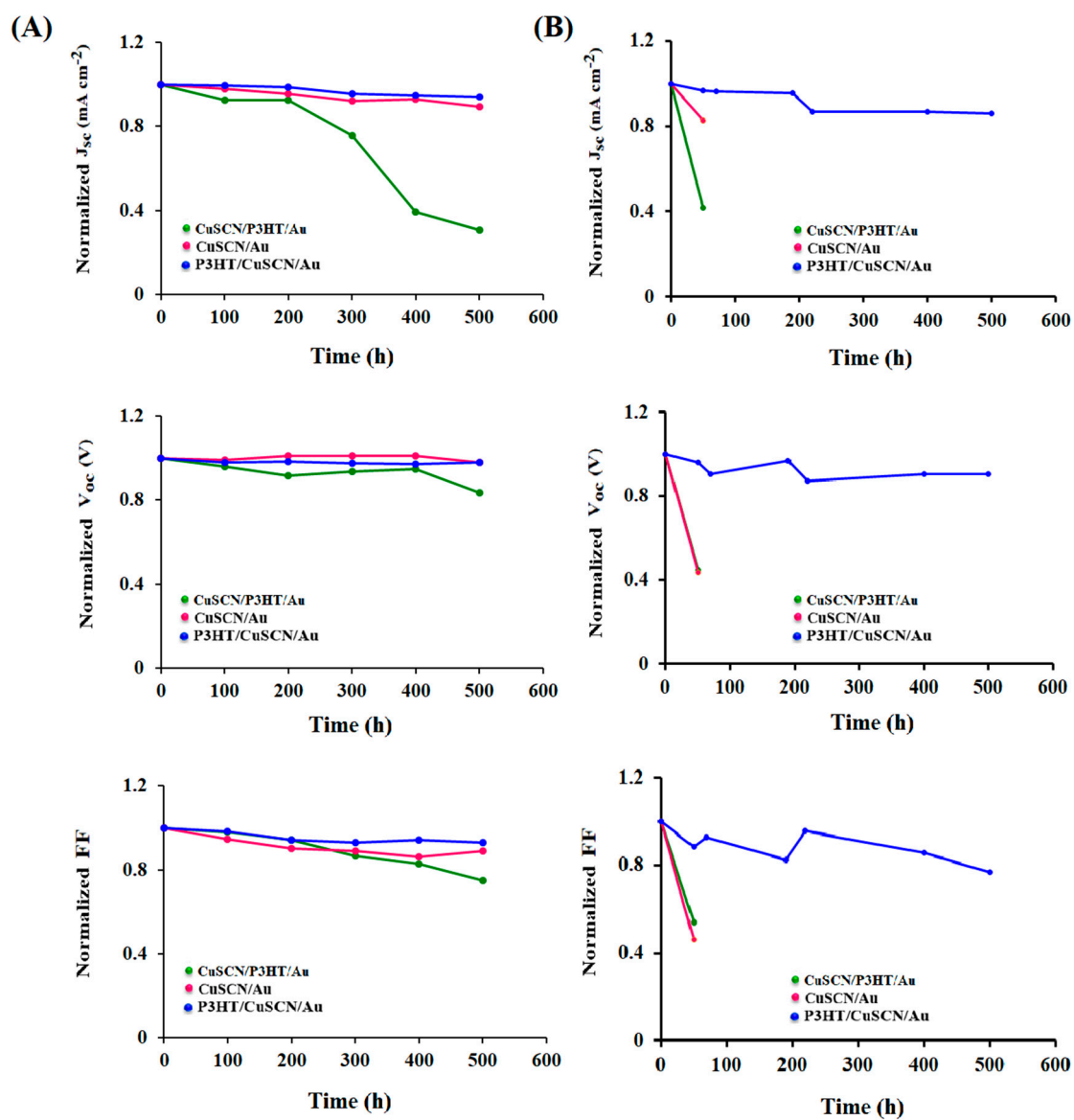


Figure.S3. Photovoltaic parameters of SnO₂/Perovskite/CuSCN/Au, SnO₂/Perovskite/P3HT/CuSCN/Au and SnO₂/Perovskite/CuSCN/P3HT/Au under (A) environmental and (B) thermal conditions with an illumination area of 0.09cm².

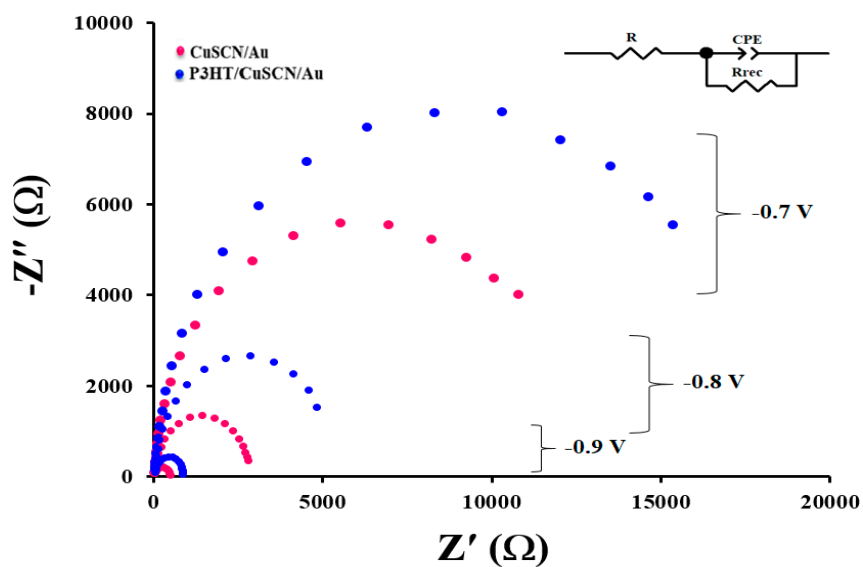


Figure.S4. Nyquist plot and equivalent circuit of SnO₂/Perovskite/CuSCN/Au, SnO₂/Perovskite/P3HT/CuSCN/Au at different bias voltage.



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