Electronic Supplementary Material (ESI) for Journal of Materials Chemistry A.

Electronic Supplementary Information

Lead acetate precursor based p-i-n perovskite solar cells with enhanced reproducibility and low hysteresis

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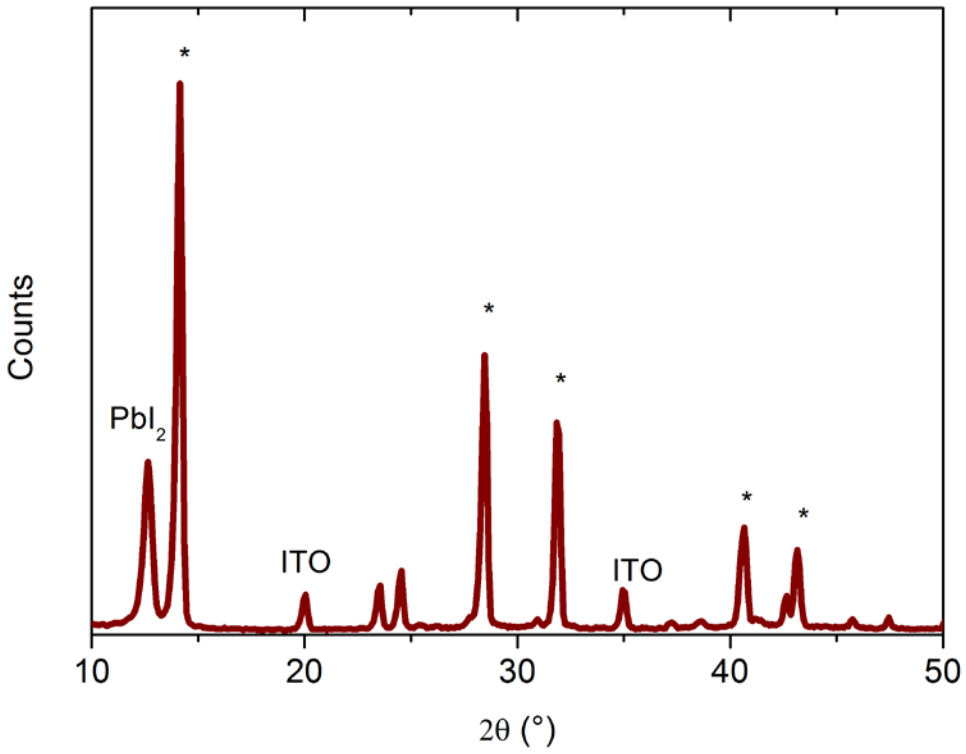

Figure S1. GIXRD spectra of an unencapsulated perovskite thin film on ITO/PEDOT, measured in the presence of air over 10 hours. The peak associated with PbI_2 is shown. This indicates the degradation of the perovskite in the presence of oxygen and moisture.

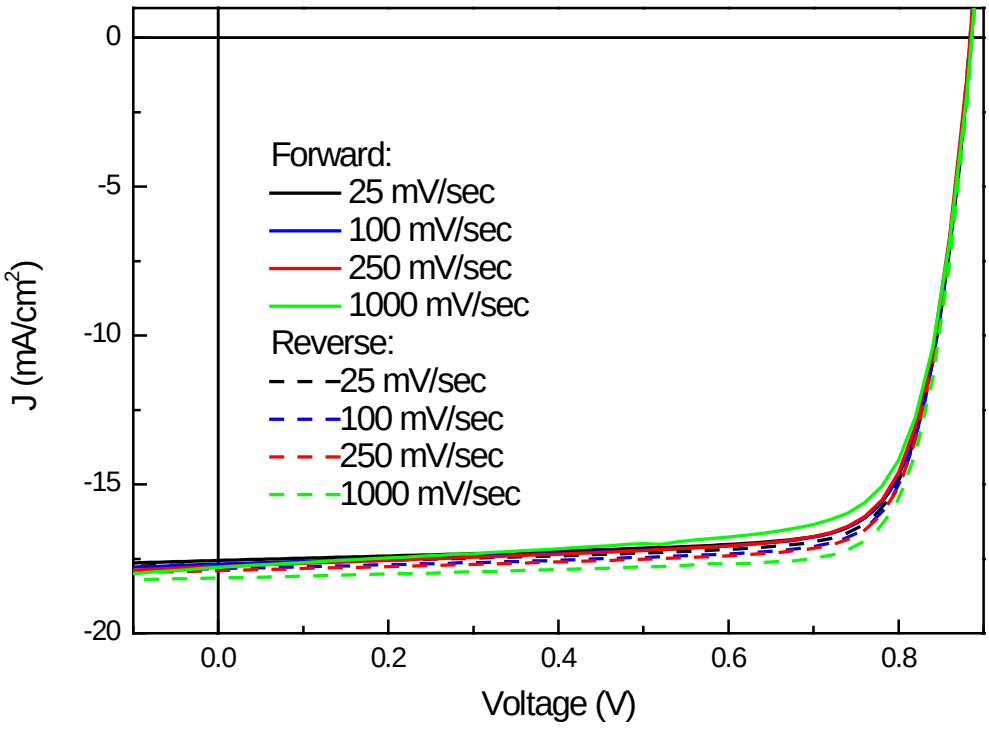

Figure S2. J-V curves recorded at different scanning speeds. It is visible, that lower scanning speeds result in a less pronounced hysteresis. Faster scans reduce the FF in forward measurement and increase the Jsc in reverse. The difference however is much smaller than what is observed in solar cells with n-i-p structures on metal oxides.