

Supporting Information

Tensile Stress-Dependant Fracture Behavior and Its Influences on Photovoltaic Characteristics in Flexible PbS/CdS Thin Film Solar Cells

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I. Standard deviation of the photovoltaic parameters

Standard deviations of photovoltaic parameters of J_{sc} , V_{oc} , FF and conversion efficiency are given in the following Table 1S.

Table 1S. Standard deviation values of each photovoltaic parameter for the samples processed at different deposition temperature

Deposition Temp.(°C)	J_{sc} (mA/cm ²)	V_{oc} (V)	FF (%)	η (%)
50	± 0.04	± 0.02	± 0.15	± 0.02
70	± 0.04	± 0.02	± 0.24	± 0.03
90	± 0.08	± 0.03	± 0.30	± 0.07