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## Cesium lead iodide solar cell controlled by annealing temperature

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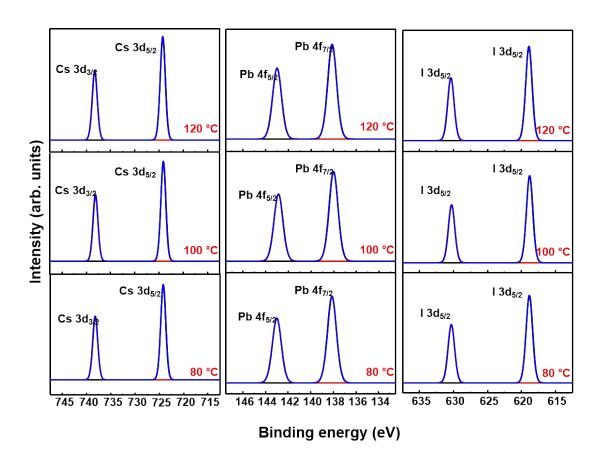
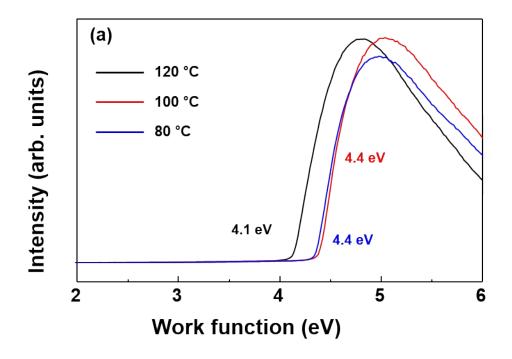
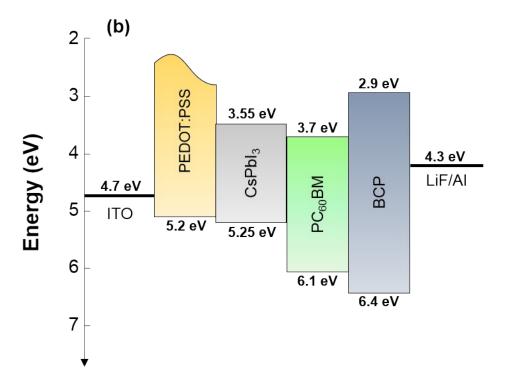


Figure S1 X-ray photoelectron spectroscopy (XPS) spectra of  $CsPbI_3$  film.





**Figure S2** Work function of temperature control from 80  $^{\circ}$ C to 120  $^{\circ}$ C and energy band diagram of PSC.