## **Supporting Information**

## Local Temperature Reduction Induced Crystallization of MASnI<sub>3</sub> and Achieving a Direct Wafer Production

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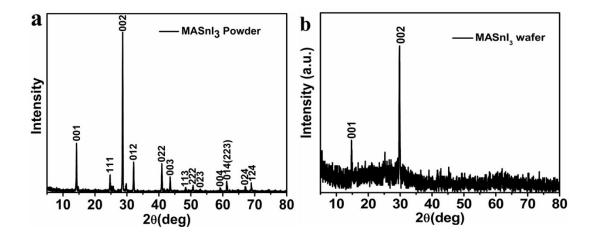
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Fig. S1. Photo pictures of the wafers fetched from the bottom of the precursor solution.



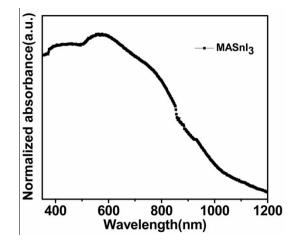
Fig. S2. Cool water drop induced crystallization and wafer production of MASnI<sub>3</sub>



**Fig. S3.** X-ray diffraction patterns of MASnI<sub>3</sub> powder and MASnI<sub>3</sub> wafer obtained by cool water drop induced crystallization of MASnI<sub>3</sub>.



Fig. S4. Diethyl ether anhydrous drop induced crystallization of MASnI<sub>3</sub> wafer.



**Fig. S5**. UV–vis–NIR absorption spectrum of MASnI<sub>3</sub> wafer fabricated by cool water drop induced crystallization.