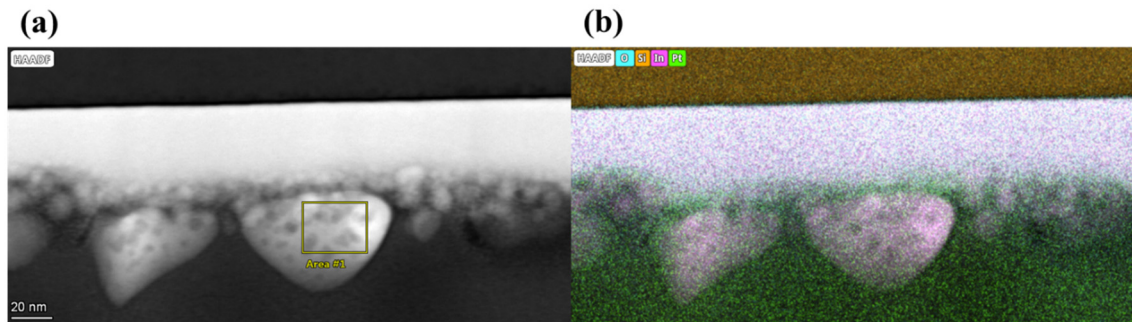


## Supplementary Materials



**Figure S1.** (a) HAADF image and (b) EDS mapping results of the as-deposited  $\text{In}_2\text{O}_3\text{:H}$  films at  $R[\text{H}_2]=5\%$ .