

Supporting Information

High-performance CdScInO thin-film transistors and their stability improvement under negative bias (illumination) temperature stress

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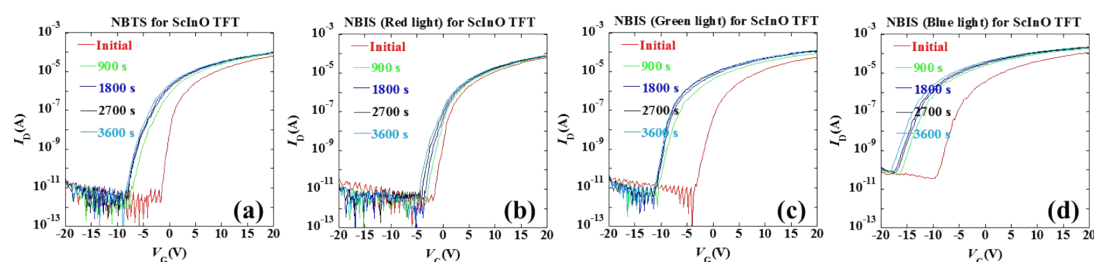


Figure S1. NBI/TS stability of the ScInO TFTs. (a) NBTS at 80 °C; (b) NBIS under 650 nm red light illumination; (c) NBIS under 550 nm green light illumination; (d) NBIS under 450 nm blue light illumination.

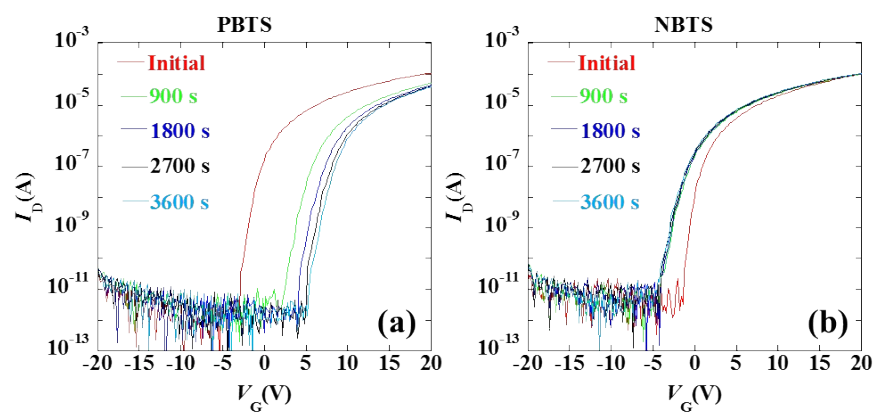


Figure S2. (a) PBTS and (b) NBTS stability at 80 °C

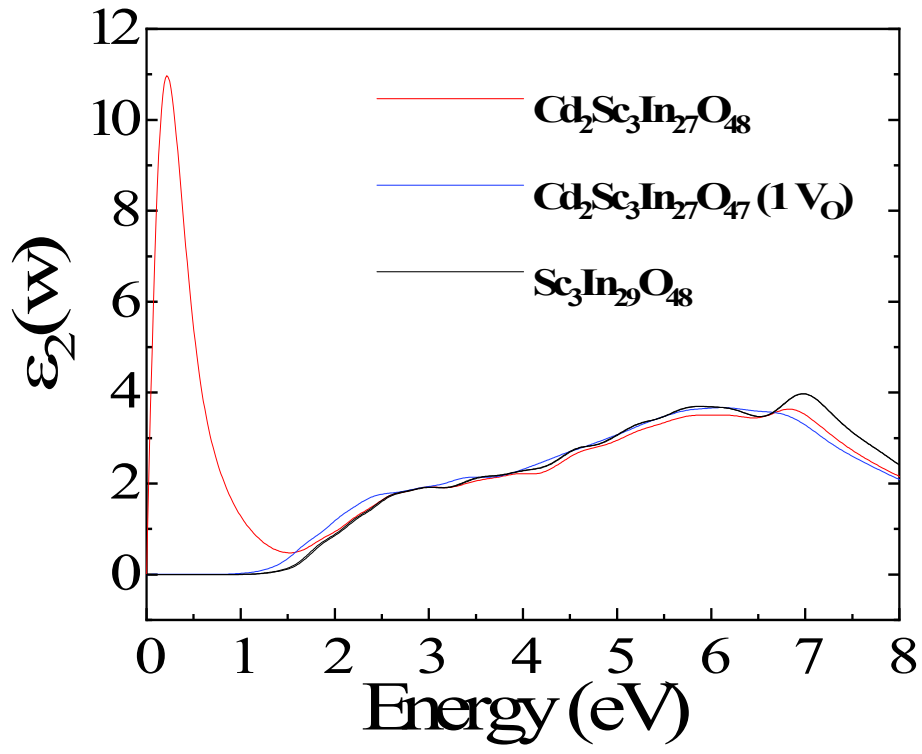


Figure S3. The calculated ε_2 for $\text{Sc}_3\text{In}_{29}\text{O}_{48}$, $\text{Cd}_2\text{Sc}_3\text{In}_{27}\text{O}_{48}$, and $\text{Cd}_2\text{Sc}_3\text{In}_{27}\text{O}_{47}$ with 1 V_O .