

Supporting Information

Fabrication of CuInS₂ Films from Electrodeposited Cu/In Bilayers: Effects of Preheat Treatment on Their Structural, Photoelectrochemical and Solar Cell Properties

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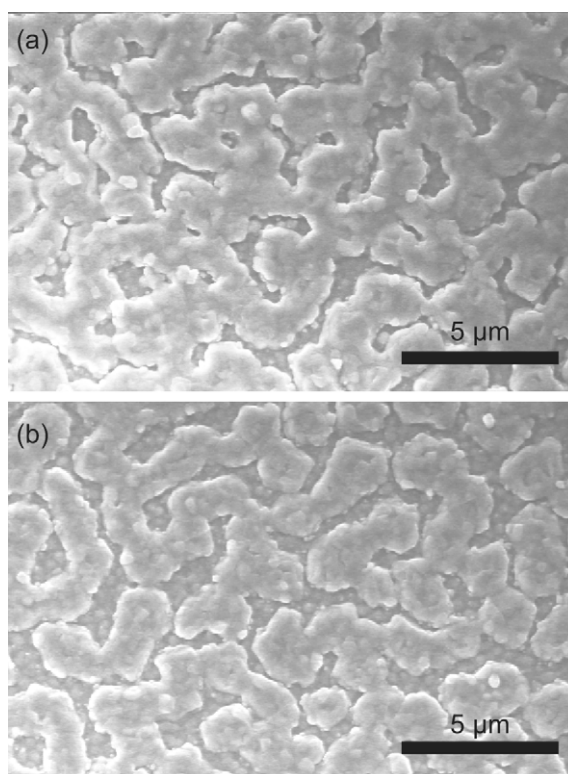


Figure S1. Top-view SEM images of Cu/In bilayers after 110 °C treatment for (a) 10 min and (b) 60 min.

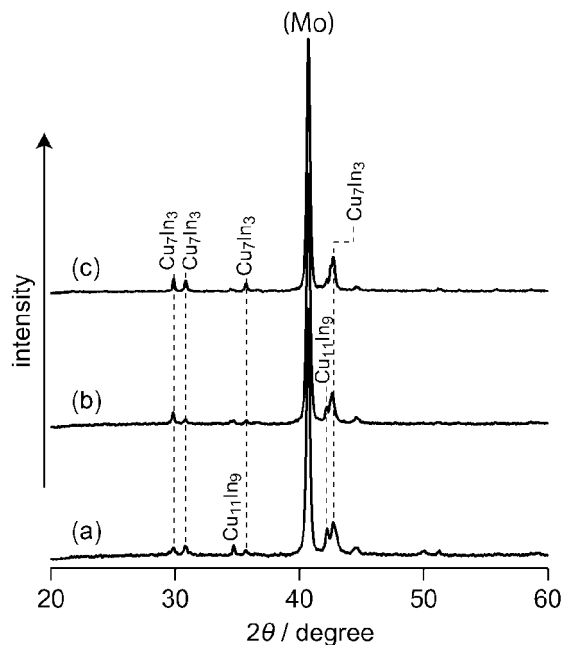


Figure S2. XRD patterns of 520 °C-heated films obtained from (a) the as-deposited Cu/In bilayer and the Cu/In bilayer after 110 °C treatment for (b) 10 min and (c) 60 min.

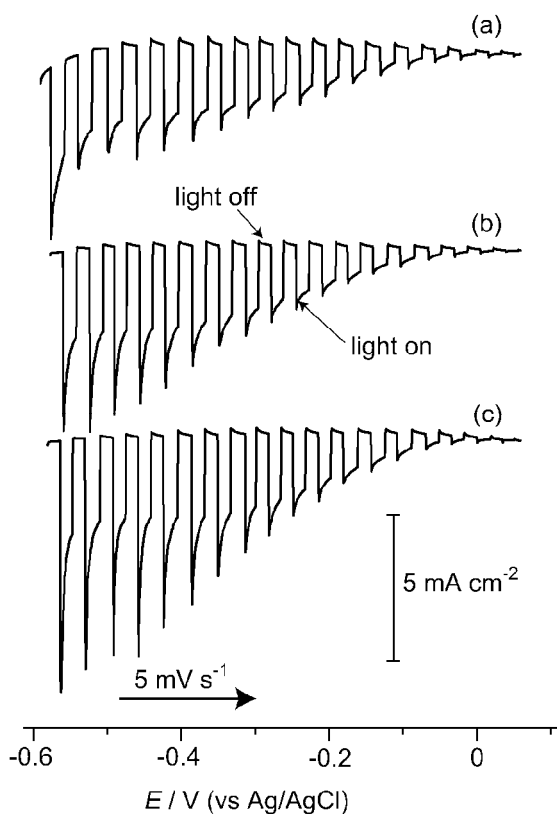


Figure S3. Current density vs potential scans of CuInS_2 films obtained from (a) the as-deposited Cu/In bilayer and the Cu/In bilayer after 110 °C treatment for (b) 10 min and (c) 60 min in 50 mmol dm^{-3} $\text{Eu}(\text{NO}_3)_3$ solution (pH 4) under chopped illumination from a Xe lamp.