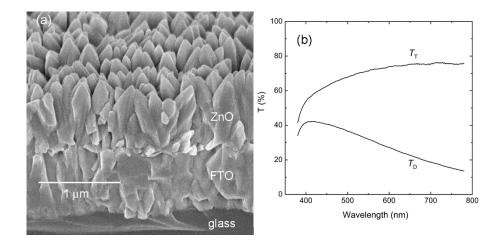
## Solution-Processed High-Haze ZnO Pyramidal Textures Directly Grown on a TCO substrate and Light-Trapping Effect in Cu<sub>2</sub>O Solar Cells

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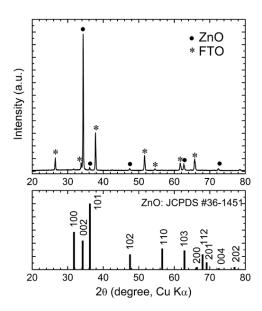
**Figure S1.** (a) FESEM image and (b)  $T_{\rm T}$  and  $T_{\rm D}$  spectra of a ZnO film electrodeposited from a 15 mM Zn(NO<sub>3</sub>)<sub>2</sub>·6H<sub>2</sub>O-15 mM NaCl aqueous solution at a current density of 2.0 mA cm<sup>-2</sup> for 450 s.

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**Figure S2.** XRD pattern of a pyramidal-textured ZnO film. JCPDS data (no. 36-1451) for ZnO is also presented.