

Supporting information

A Chelating Effect in Hybrid Ink for Non-Vacuum-Processed CuInSe₂ Thin Films

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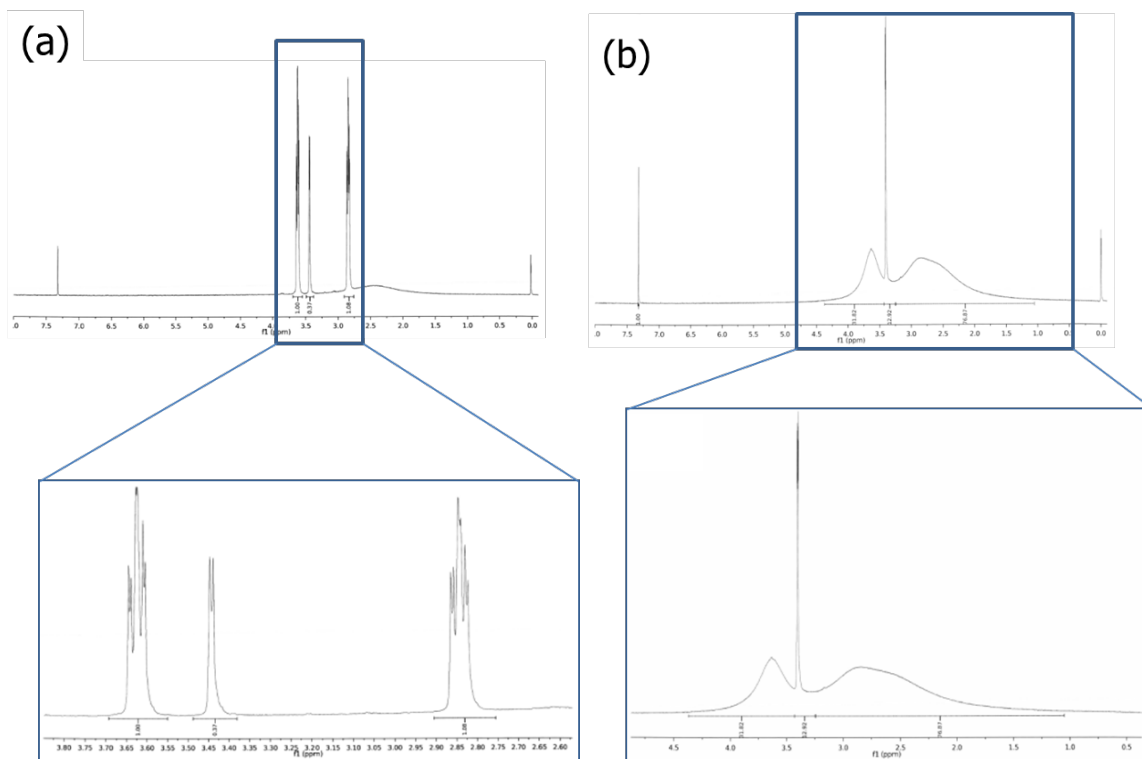


Figure S1. ¹H NMR spectra of (a) In precursor and MEA solution and (b) the decanted solution of Cu-Se nanoparticle and MEA..

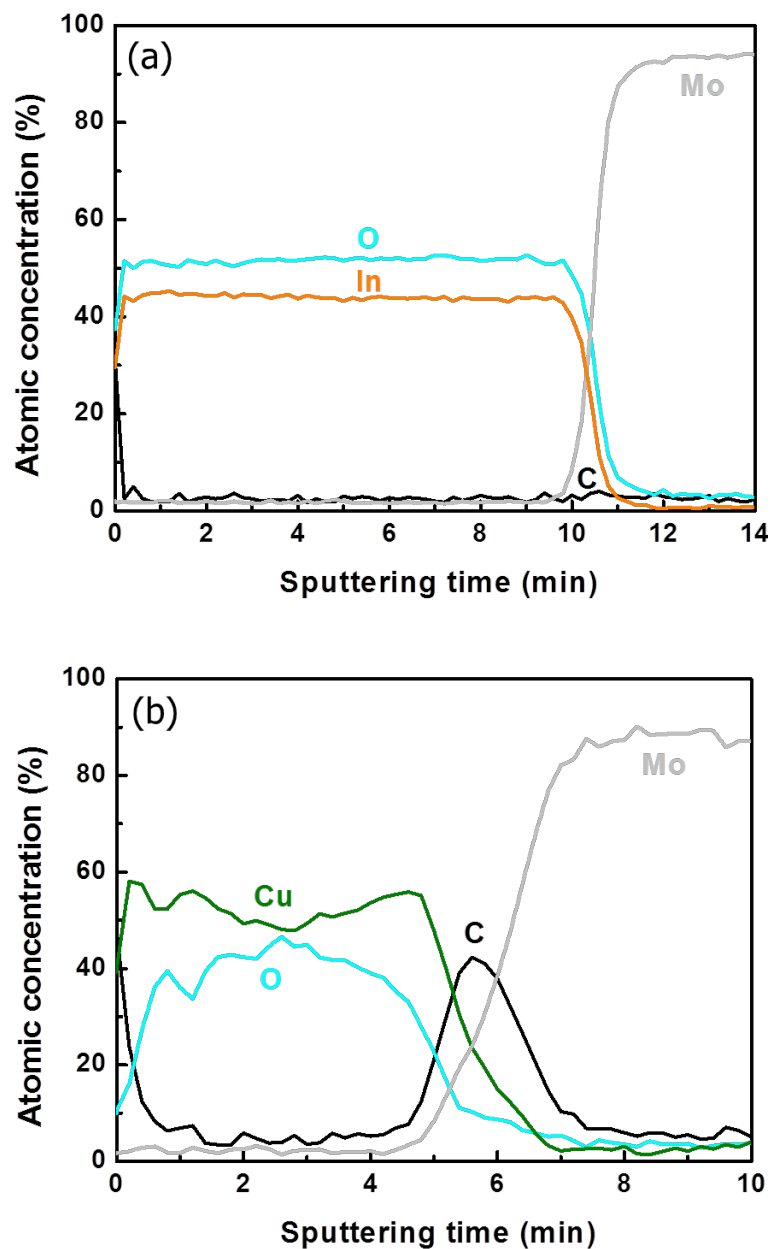


Figure S2. AES depth profiles of as-deposited (a) In-MEA precursor solution and (b) Cu-MEA precursor solution on Mo layer. The drying process was carried out in air.

	<i>Cu (%)</i>	<i>Se (%)</i>	<i>Cu/Se</i>	<i>Cu in decanted solution (ppm)</i>
<i>Synthesized Cu-Se</i>	59.31	40.69	1.46	
<i>The 1st washed Cu-Se</i>	54	46	1.17	9486.202
<i>The 2nd washed Cu-Se</i>	53.02	46.98	1.13	3898.323
<i>The 3rd washed Cu-Se</i>	52.81	47.19	1.12	444.561

Table S1. Cu and In contents of washed Cu-Se nanoparticles by MEA.