

Electronic Supplementary Information for

One-pot electrodeposition, characterization and photoactivity of stoichiometric copper indium gallium diselenide (CIGS) thin films for solar cells

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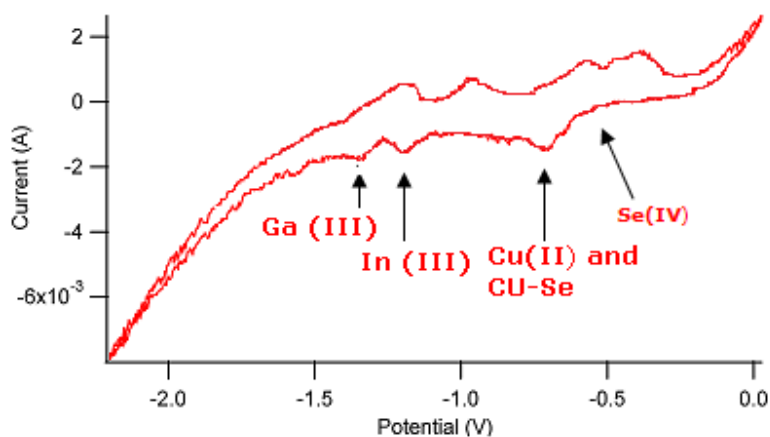


Figure s1 Cyclic voltammogram recorded for Reline containing 7.5 mM CuCl₂ + 40 mM SeCl₄ + 50 mM InCl₃ + 60 mM GaCl₃ at 65 °C and scan rate 10 mV s⁻¹.

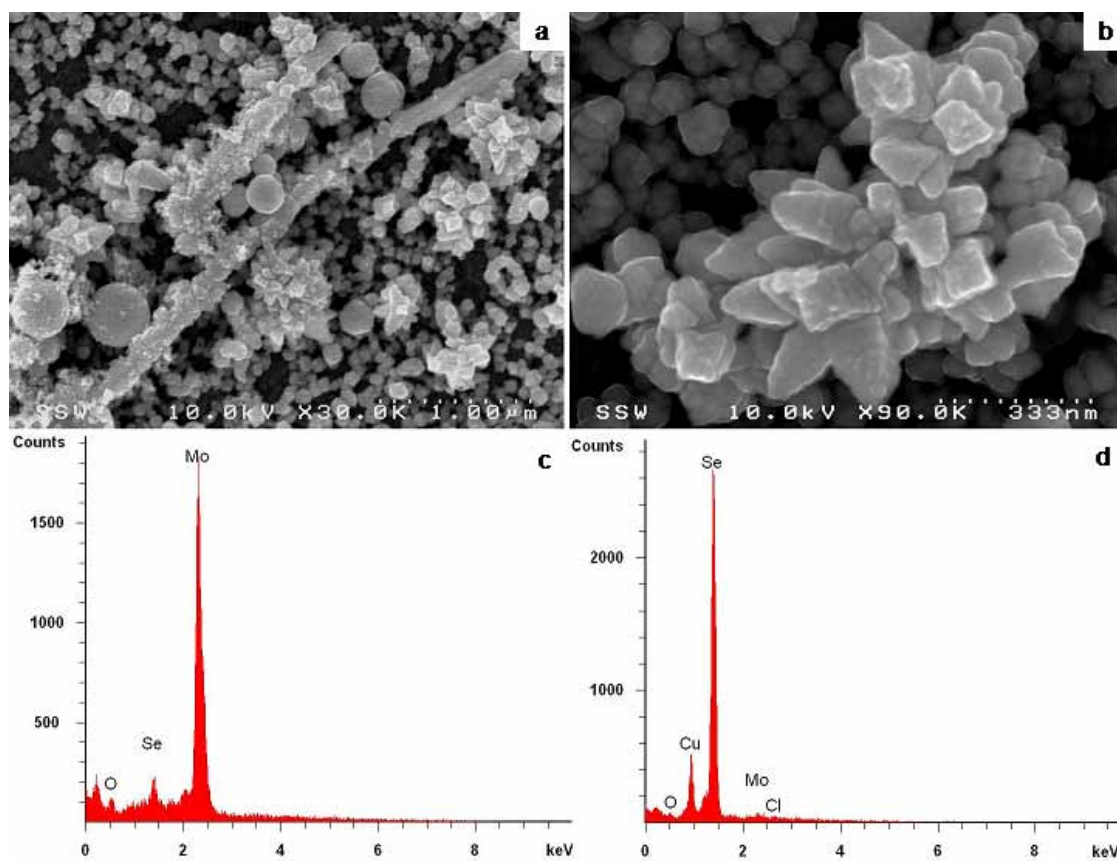


Figure s2 SEM morphology (a-b) and EDX analysis (c-d) of as-deposited CIGS under constant potential for 150 min in 50 mM GaCl_3 + 75 mM SeCl_4 + 10 mM CuCl_2 + 45 mM InCl_3 solution at 65 °C.