Supplementary Materials

Facile synthesis of novel CaIn$_2$S$_4$/ZnIn$_2$S$_4$ composites with efficient performance for photocatalytic reduction of Cr(VI) under simulated sunlight irradiation

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![Graph showing concentration of Cr(VI) and total Cr ions over time.](image)

**Figure S1.** Concentrations of Cr(VI) and total Cr ions in the photocatalytic reaction solution over 30% CaIn$_2$S$_4$/ZnIn$_2$S$_4$ catalyst under simulated sunlight irradiation.
Figure S2. XPS survey spectra (a), high-resolution XPS spectra of Zn 2p (b), In 3d (c), Ca 2p (d), and S 2p (e) of 30% CaIn2S4/ZnIn2S4 composite sample before and after the photocatalytic reaction, respectively.