

Supplementary Materials: WS₂ as an Effective Noble-Metal Free Cocatalyst Modified TiSi₂ for Enhanced Photocatalytic Hydrogen Evolution under Visible Light Irradiation

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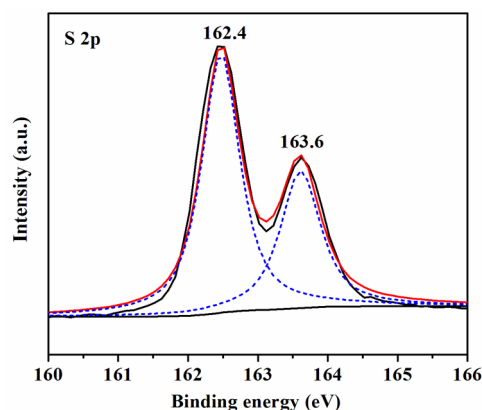


Figure S1. XPS (X-ray photoelectron spectroscopy) spectrum of the S 2p regions for the WS₂-1/TiSi₂-723 sample. (The blue lines: the deconvoluted peaks for S 2p_{3/2} and S 2p_{1/2} of WS₂-1/TiSi₂-723; the red line: the fitted result of the blue lines.)

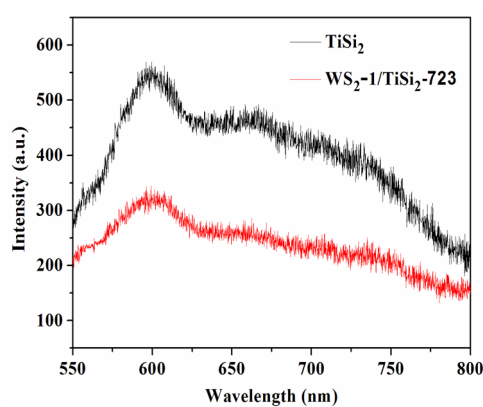


Figure S2. Photoluminescence spectra of TiSi₂ and WS₂-1/TiSi₂-723. Excited wavelength: 532 nm.