Supporting information

Construction of novel 1D nickel phosphonate nanorods modified 2D g-C_3N_4 nanosheets for enhanced photocatalytic hydrogen evolution performance

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1. Supplementary figures

Figure S1. SEM images of (a) CN, (b) NiPPh and (c) CN/NiPPh-1.

Figure S2. XPS survey spectra for CN/NiPPh-1.

Figure S3. H₂ production rate of CN and CN/NiPPh-x with Pt co-catalyst.
Figure S4. UV-vis diffuse reflectance spectra of CN and CN/NiPPh-x composites.

Figure S5. PL spectra of CN and CN/NiPPh -x composites.

Figure S6. Polarization curves of CN, NiPPH, and CN/NiPPh-x composites.