

Supporting Information

Novel S-scheme RP/NiCo-LDH composite with remarkably enhanced photocatalytic activity for H₂ evolution under visible light

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Table S1. This experiment is compared with the hydrogen production of the previously reported NiCo-LDH.

Photocatalyst	Electron donor	H ₂ evolution	Ref.
CoO/NiCo-LDH	Na ₂ S/Na ₂ SO ₃	1.50 mmol·g ⁻¹ ·h ⁻¹	[1]
NiCo-LDH/P-CdS	Lactic acid solution	8.67 mmol·g ⁻¹ ·h ⁻¹	[2]
g-C ₃ N ₄ @pDA/NiCo-LDH	TEOA	1.56 mmol·g ⁻¹ ·h ⁻¹	[3]
CdS/NiCo-LDH	Na ₂ S/Na ₂ SO ₃	7.20 mmol·g ⁻¹ ·h ⁻¹	[4]
NiAl-LDH/g-C ₃ N ₄	TEOA	1.68 mmol·g ⁻¹ ·h ⁻¹	[5]
RP/NiCo-LDH	TEOA	6.28 mmol·g ⁻¹ ·h ⁻¹	This work

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