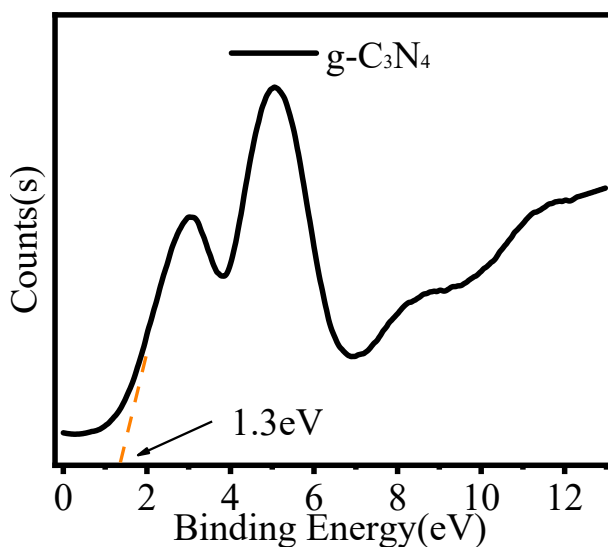


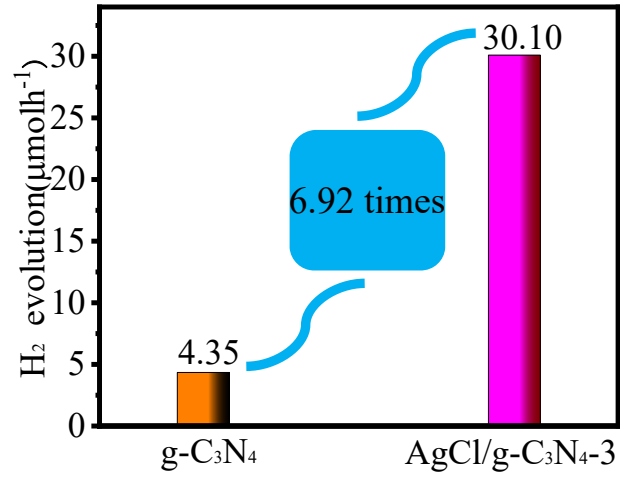
S1 the Partial enlarged view of Powder XRD patterns about AgCl/g-C₃N₄
and g-C₃N₄

Table1 Specific surface area, pore size, and pore volume of the different
photocatalysts.

Catalysts	S _{BET} (m ² /g)	D _{pore} (nm)	V _{pore} (cm ³ /g)
g-C ₃ N ₄	41.321	3.417	0.073
AgCl/g-C ₃ N ₄ -3	49.356	3.235	0.087



S2 the Valence Band XPS spectra of g-C₃N₄.



S3 Photocatalytic HER activities over different catalysts.