

Supplementary Information

Shape-dependent photocatalytic hydrogen evolution activity over Pt nanoparticles coupled g-C₃N₄ photocatalyst

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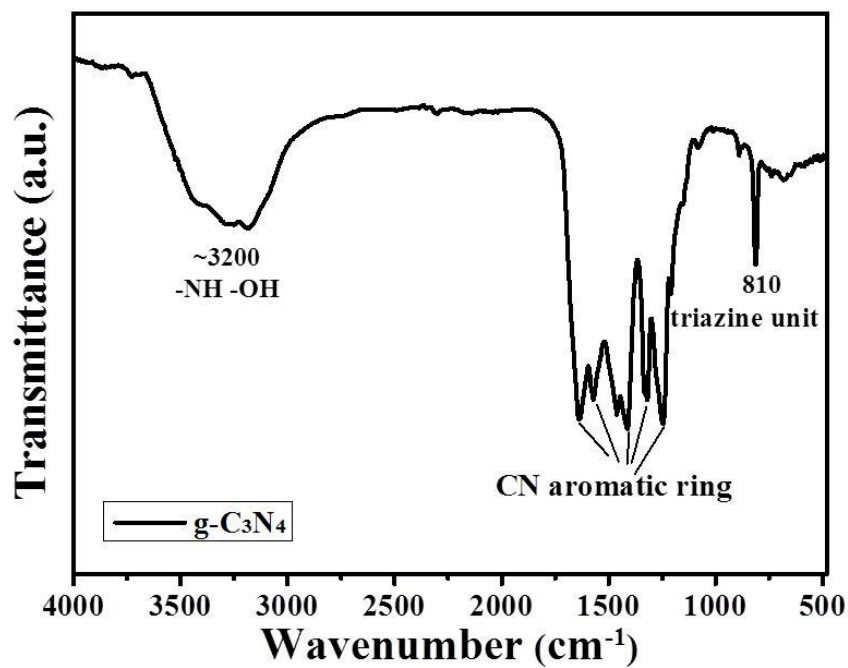


Fig. S1 Fourier transform infrared spectrum of g-C₃N₄ sample.

Table S1 Atomic ratio of g-C₃N₄ from elemental analysis (a) and XPS spectrum (b).

sample	C/N ^a	C/N ^b
g-C ₃ N ₄	0.693	0.714

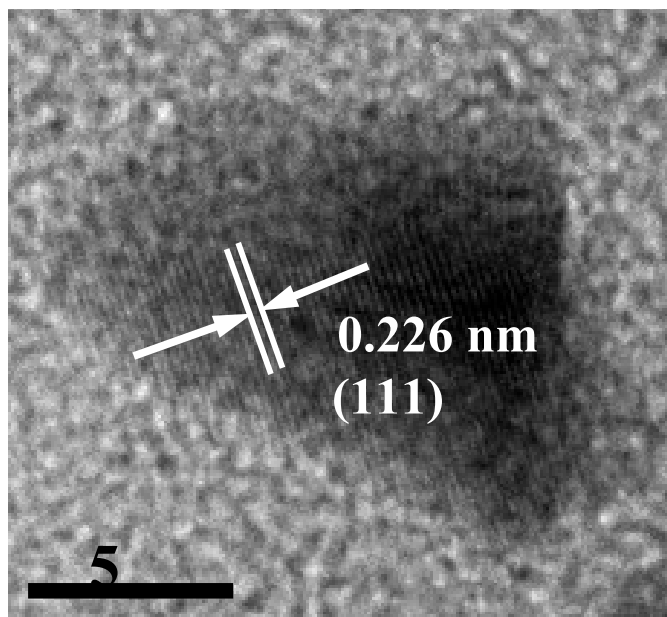


Fig. S2 HRTEM image of triangle-like Pt nanoparticles (tetrahedron).