

Supporting Information:

***In situ* synthesis of g-C₃N₄/TiO₂ heterostructures with enhanced photocatalytic hydrogen evolution under visible light**

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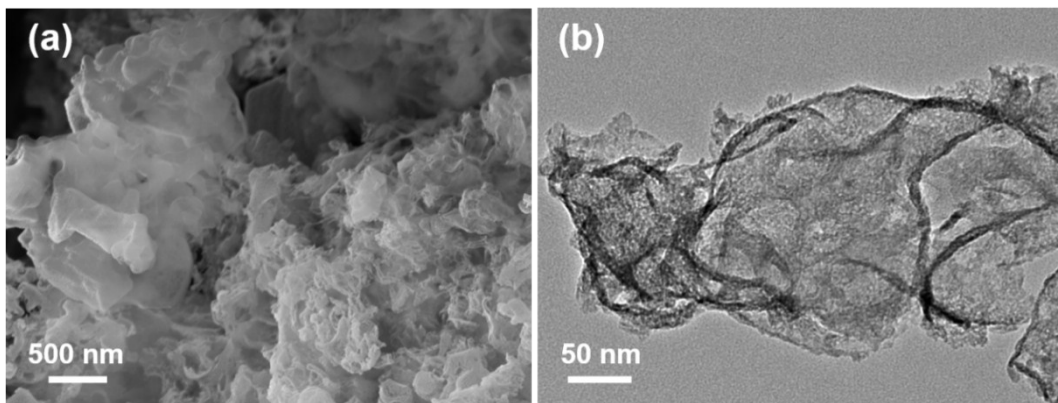


Fig. S1 (a) SEM and (b) TEM images of CNTO-0.

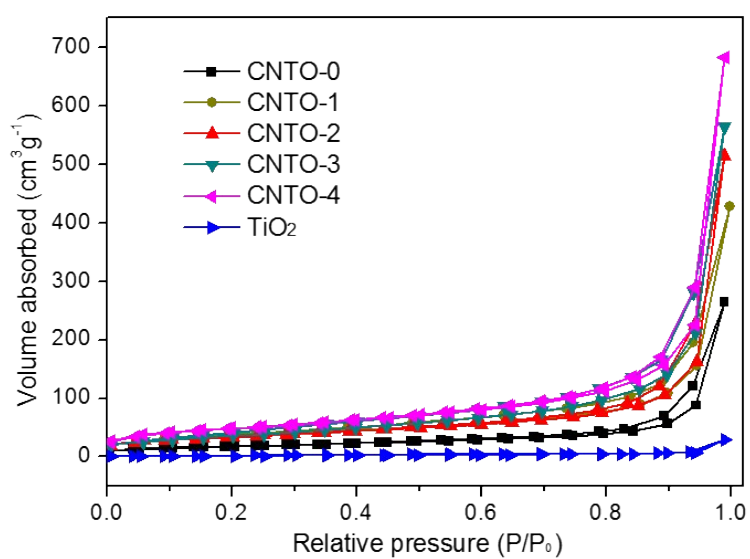


Fig. S2 Nitrogen sorption isotherms of CNTO-x and TiO₂.

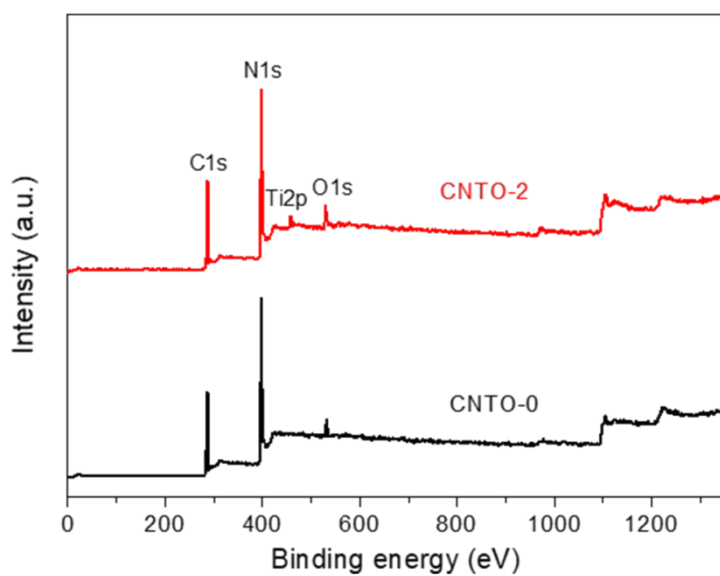


Fig. S3 Full scan XPS spectra of CNTO-0 and CNTO-2.

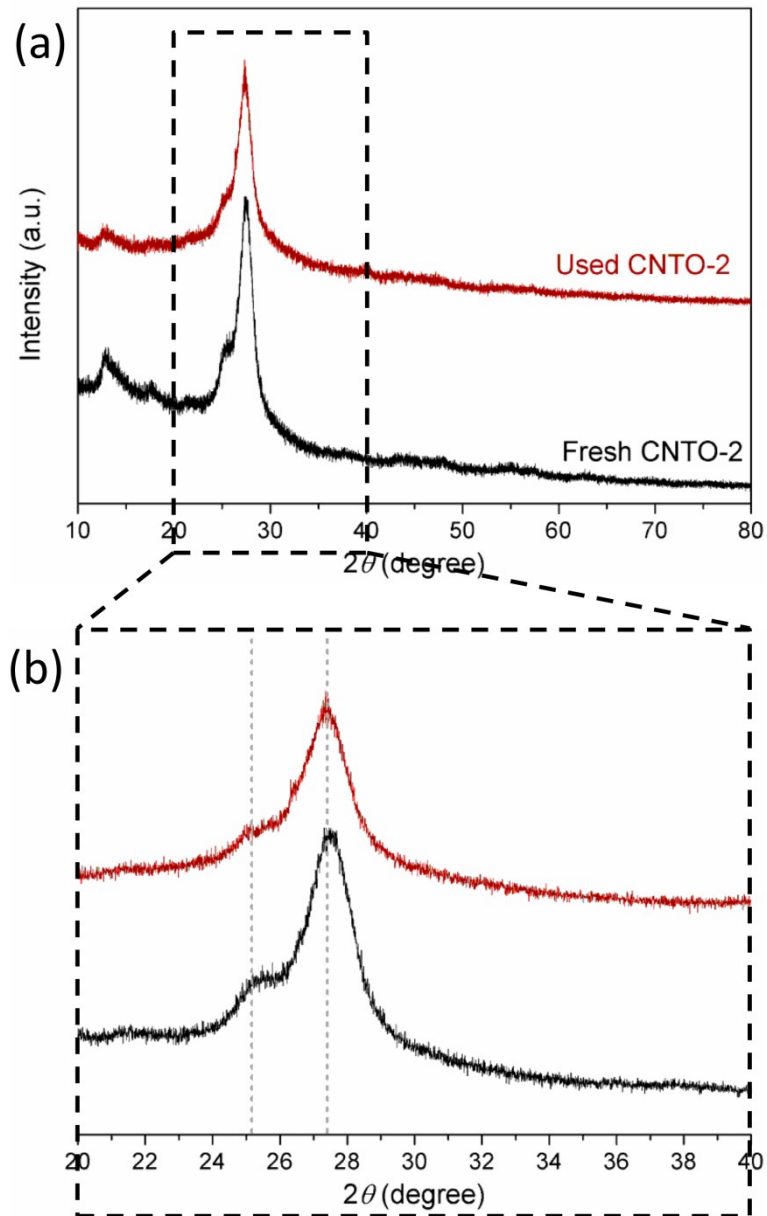


Fig. S4 The XRD patterns of CNTO-2 before and after 12 h of photocatalytic H_2 evolution. (b) is the magnified view of the selected region in (a).

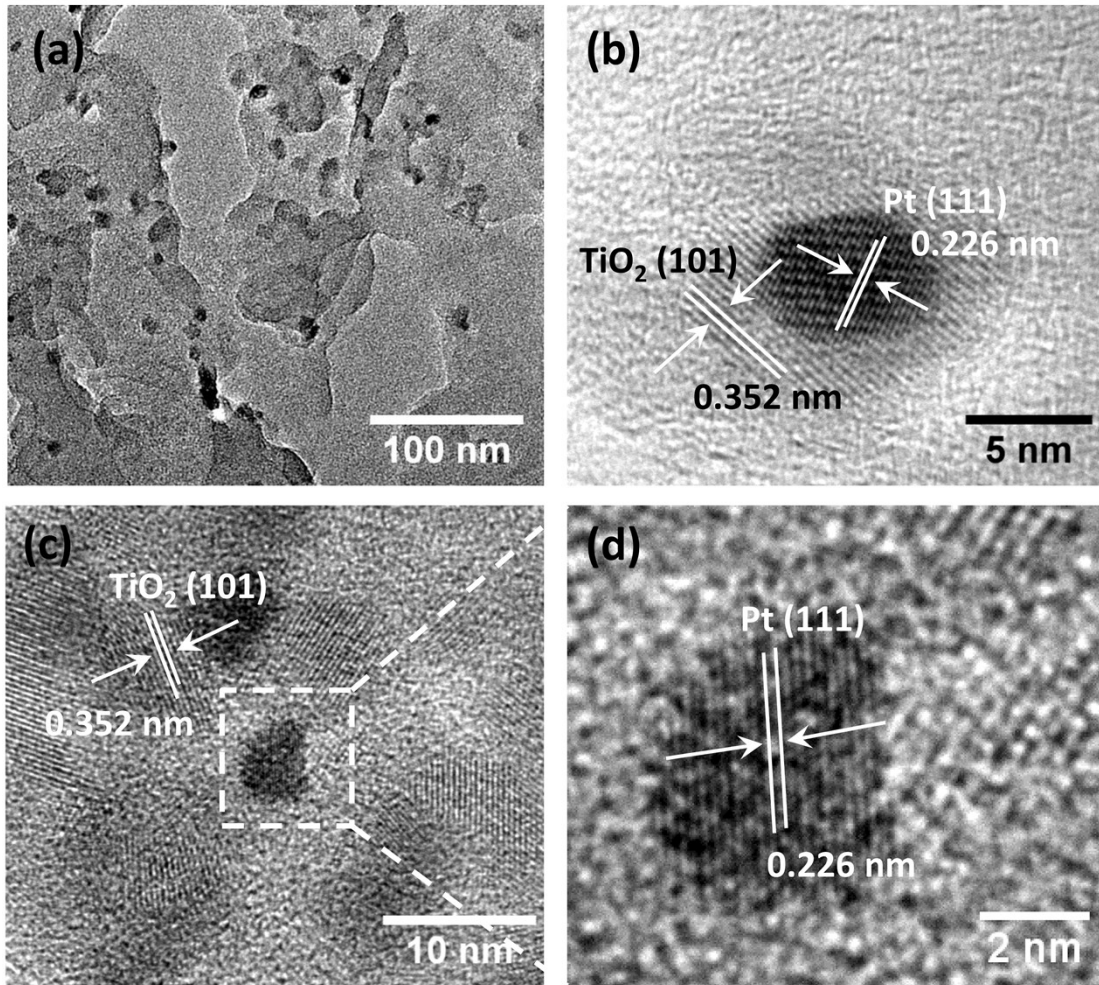


Fig. S5 (a) TEM and (b, c, d) HRTEM images of CNTO-2 after 12 h photocatalytic H₂ evolution. (d) is the selected area in (c).