



Supplementary Materials

Enhanced Hydrogen Production by Photoreforming on C_3N_4 Adjusting Exfoliation and Platinum Co-Catalyst Dispersity

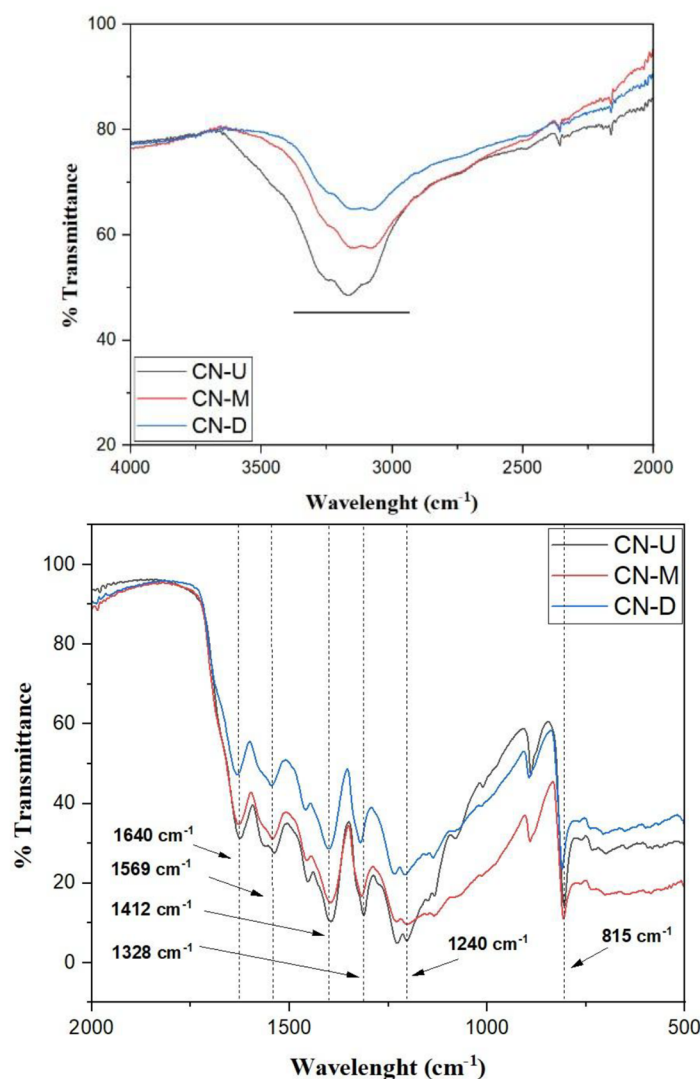
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Figure S1. Regions of ATR-FTIR spectra showing the typical N-H stretching (**top**) and C-N stretching (**bottom**) of C_3N_4 prepared from different precursors.



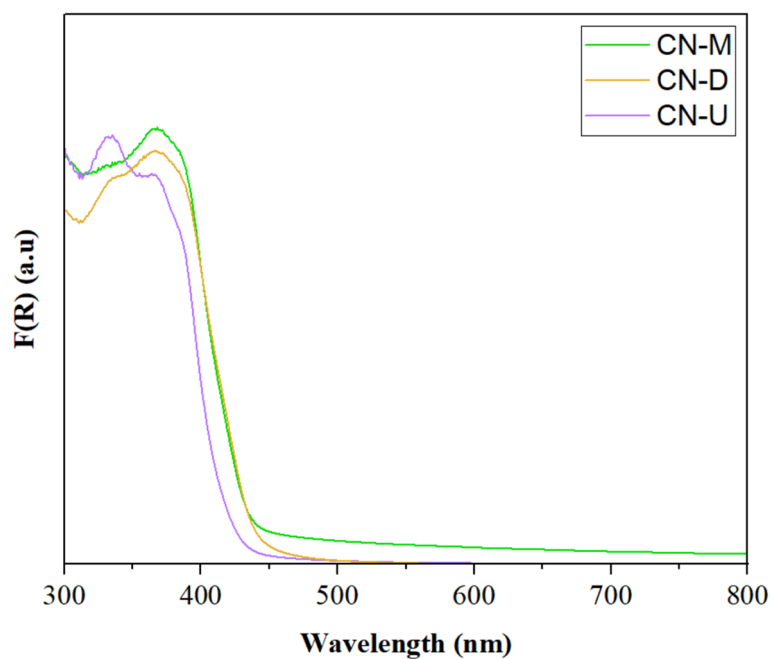


Figure S2. The UV-vis diffuse reflectance absorption spectra of C₃N₄ prepared from different precursors.

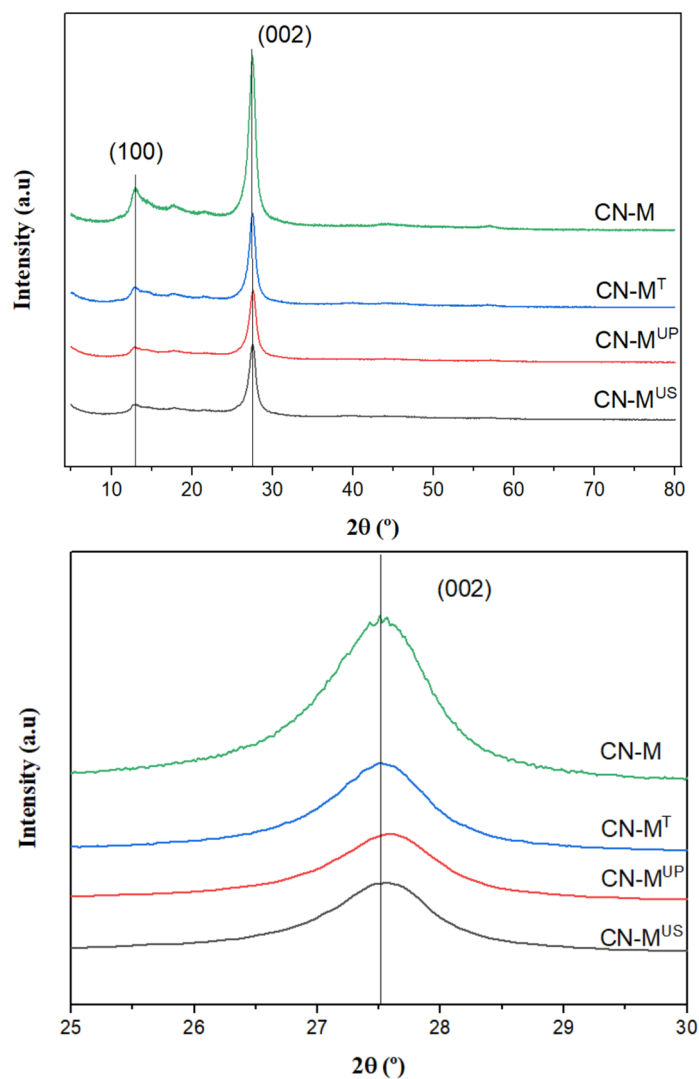


Figure S3. Full XRD patterns (**top**) and expanded view of the (002) signal (**bottom**) for exfoliated C₃N₄ materials.

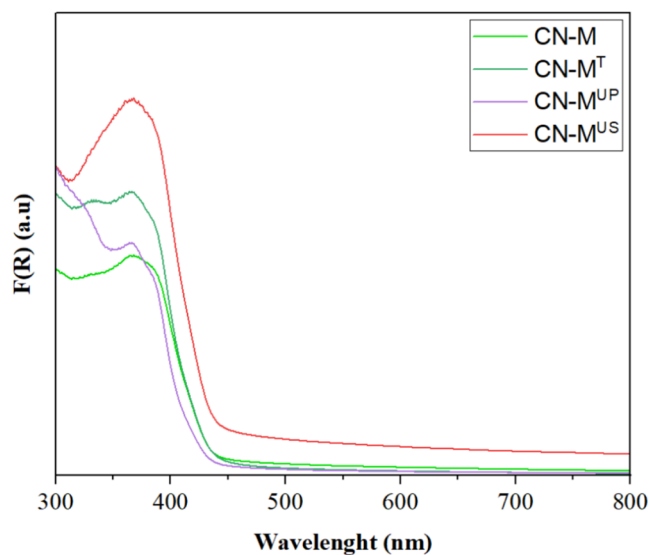


Figure S4. UV-vis diffuse reflectance spectra of exfoliated C₃N₄ materials prepared from melamine.

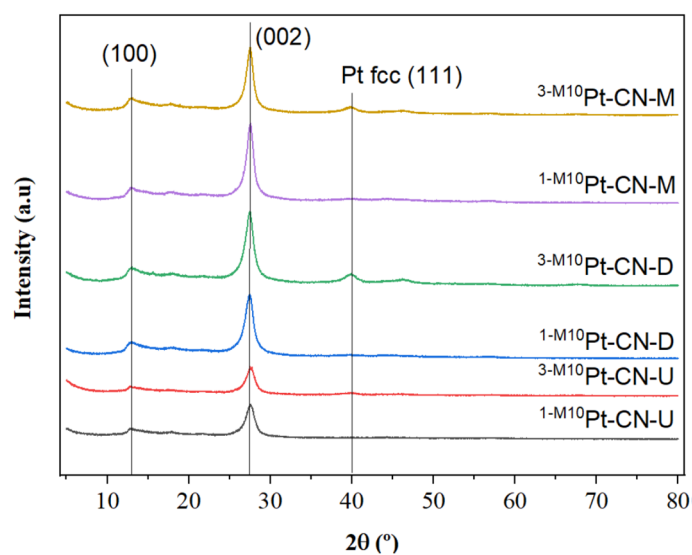


Figure S5. XRD pattern of CN-M materials after platinum photodeposition performed by a variation of the general procedure.

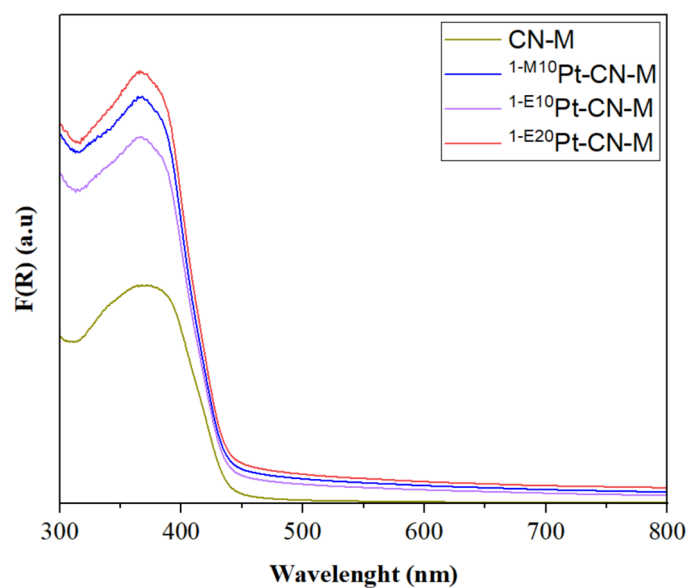


Figure S6. The UV-vis diffuse reflectance absorption spectra of platinum-loaded graphitic carbon nitride materials.