Supporting Information

Hydrogel-supported graphitic carbon nitride nanosheets loaded with Pt atoms as a novel self-water-storage photocatalyst for H_2 evolution

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Table S1. The content of Pt, g-C_3N_4, and hydrogel in hydrogel-supported CN.

sample	Pt	g-C_3N_4	hydrogel
content in hydrogel-supported CN (mg)	0.168	9.632	37.2
content in hydrogel-supported CN (wt%)	0.357	20.494	79.149

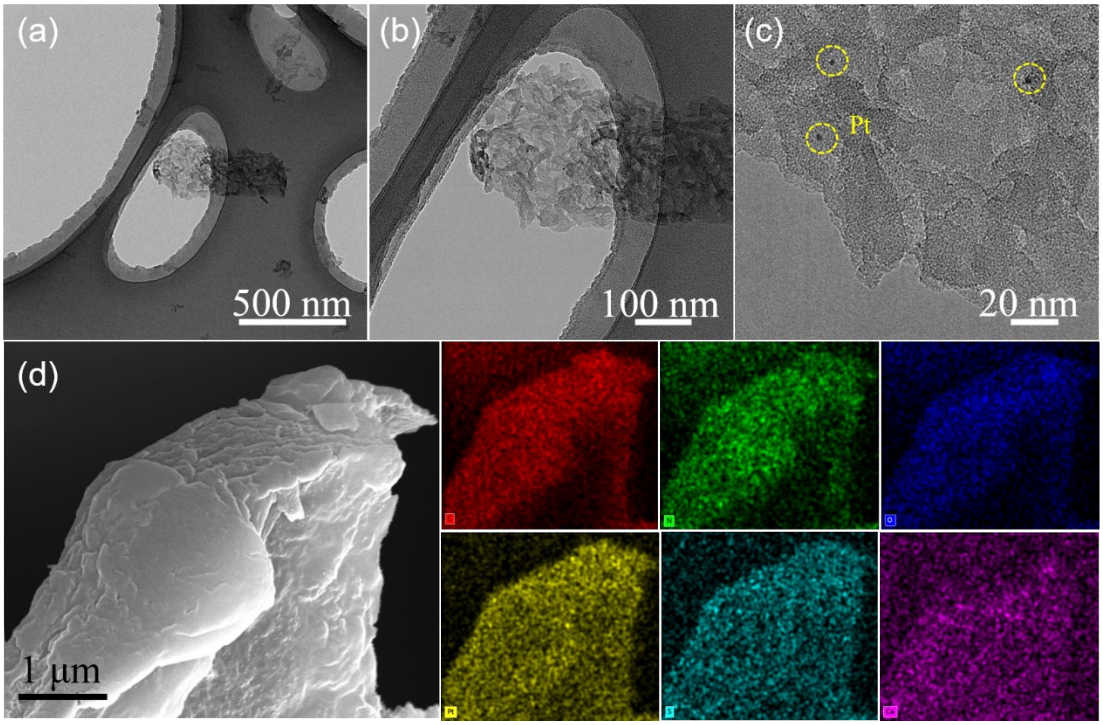

Fig. S1. (a-c) The TEM images of CN. (d) The SEM image and corresponding EDS mapping profiles for hydrogel-supported CN.