

Supporting Information

Multidimensional Pd/g-C₃N₄/TiO₂ Nanocatalyst for Efficient Solar-driven Photocatalytic Hydrogen Production

Ting-Han Lin ¹, Yin-Hsuan Chang ¹, Kuo-Ping Chiang ^{1,2}, Jer-Chyi Wang ^{3,4,*} and Ming-Chung Wu ^{1,2,5,*}

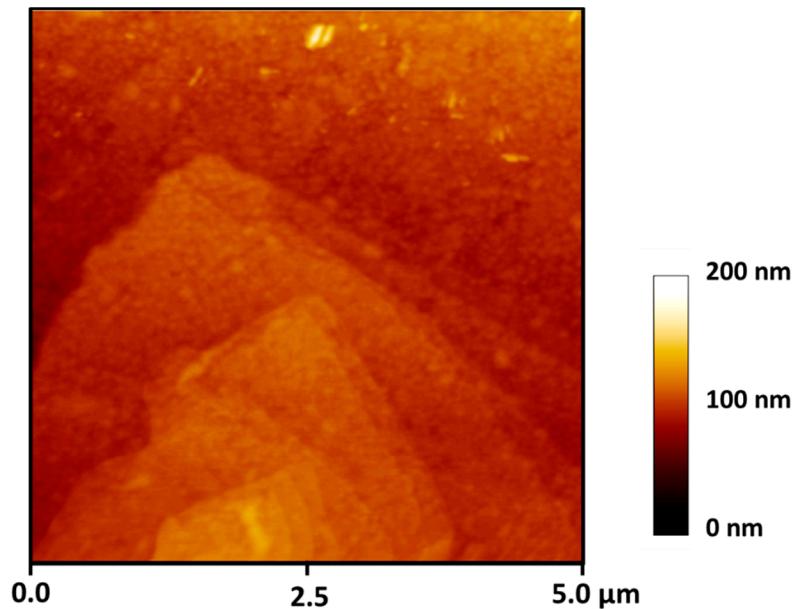


Figure S1. Surface topographic image of g-C₃N₄ NS.

Table S1. The calculated crystallite size of anatase TiO₂ in various catalysts.

Sample name	Crystallite size (nm)
TiO ₂	3.60
1.0 wt%-CT	3.44
3.0 wt%-CT	3.49
5.0 wt%-CT	3.43
10.0 wt%-CT	3.36

Table S2. The calculated atomic ratio.

Sample name	Atomic ratio (%)	
	N/Ti	N/C
g-C ₃ N ₄	-	119.78
TiO ₂	-	7.21
1.0 wt%-CT	5.36	9.25
3.0 wt%-CT	14.50	20.21
5.0 wt%-CT	16.62	23.46
10.0 wt%-CT	29.99	34.62