

Supplementary Information

Electrospun nitrogen and carbon co-doped porous TiO₂ nanofibers with high visible light photocatalytic activity

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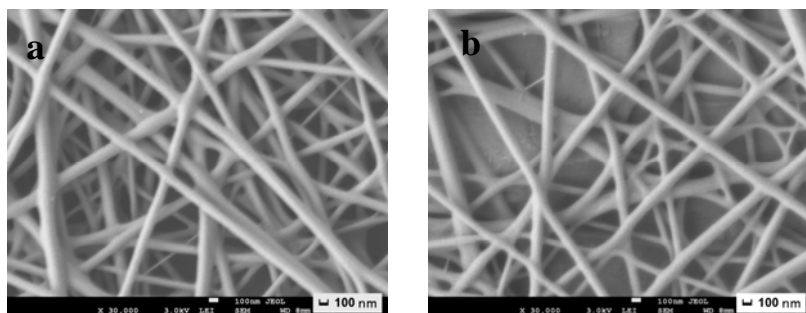


Fig.S1 FESEM images of the PVP/Ti(OiPr)₄ (a)
and the PVP/Ti(OiPr)₄/5 wt% Urea (b)

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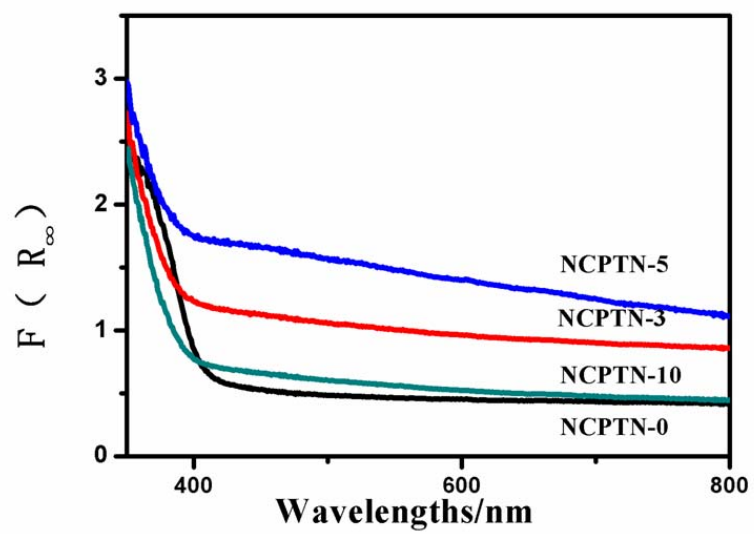


Fig.S2 The diffuse reflectance spectra for NCPTNs

**Table S1 The atomic percentage of C, N, Ti and O in NCPTNs
calculated from peak area of XPS spectra**

Name	NCPTN-0 Atomic %	NCPTN-5 Atomic %
C1s	16.73	17.35
N1s	0.46	0.48
Ti2p	26.43	26.24
O1s	56.37	55.92

Table S2 The BET surface area for NCPTNs

Samples	a_s, BET/m²/g
NCPTN-0	83.19
NCPTN-5	114.41
NCPTN-10	100.58