Supporting information

A template induced method to synthesize nanoporous carbon nitride with enhanced photocatalytic activity under visible light

Qianjing Fan[a], Jianjun Liu[a,]*, Yingchun Yu[a], Shengli Zuo[a]

[a]State Key Laboratory of Chemical Resource Engineering, Beijing University of Chemical Technology, Beijing 100029, China

*Corresponding author: Tel.: +86 10 64431056; fax: +86 10 64434898. E-mail address: jjliu717@aliyun.com (J. J. Liu).

Table S1 The pore structure details of npg-CN samples

Samples	S_{BET} (m^2/g)	Pore Volume (mL/g)
npg-CN-0.3b	77.8	0.70
npg-CN-0.5b	87.1	0.53
npg-CN-1.0b	64.8	0.52
npg-CN-0.5c	70.8	0.94
npg-CN-0.5d	135.1	1.39

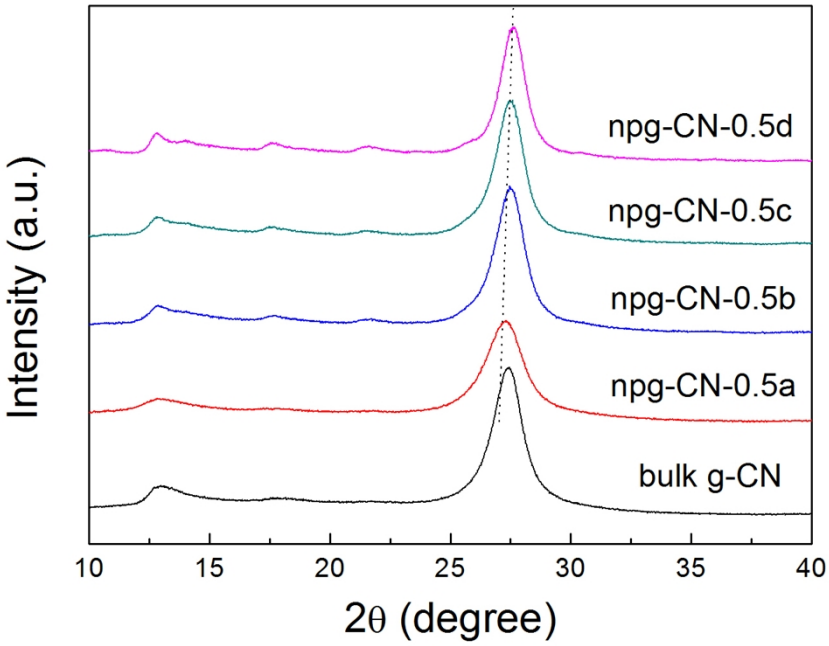

Fig. S1 XRD patterns of bulk g-CN and npg-CN-(0.5a-d)

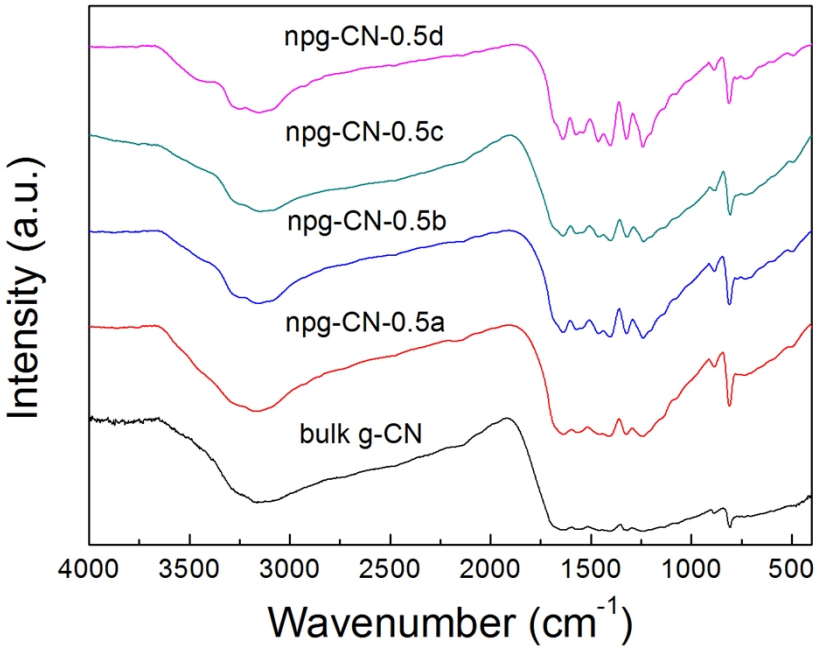

Fig. S2 FT-IR spectra of bulk g-CN and npg-CN-(0.5a-d)

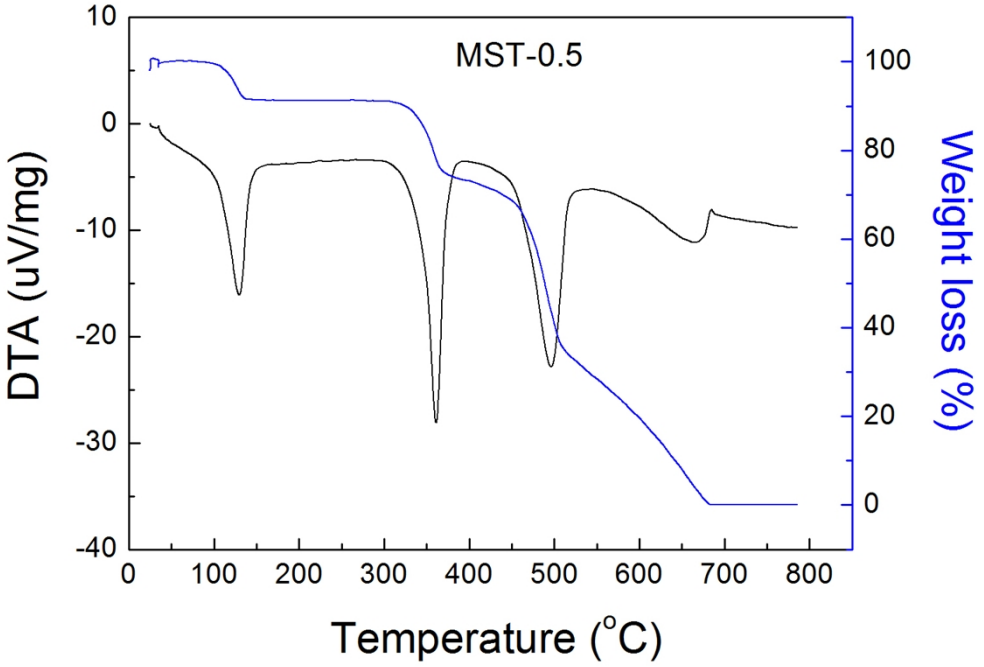

Fig. S3 TG thermograms of MST-0.5

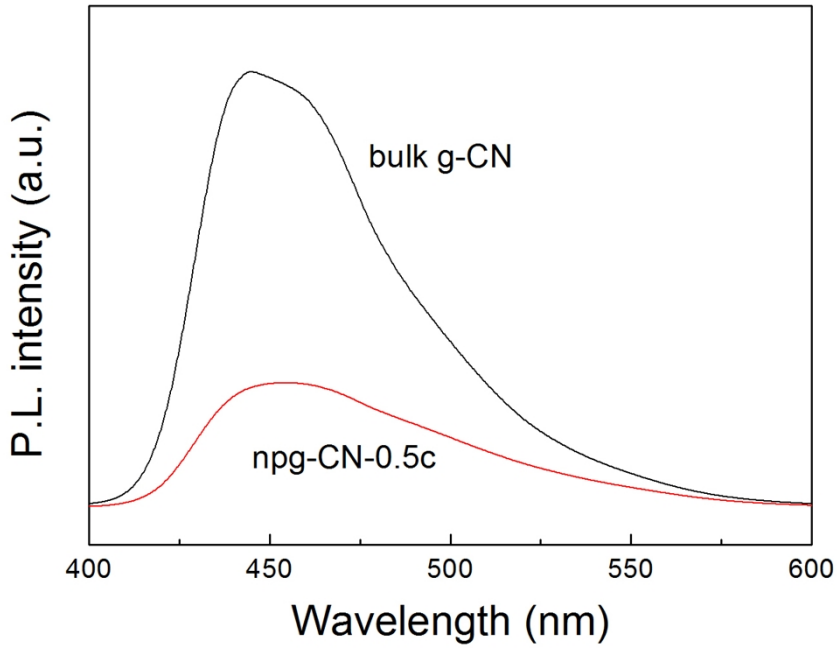

Fig. S4 PL spectra of bulk g-CN and npg-CN-0.5c

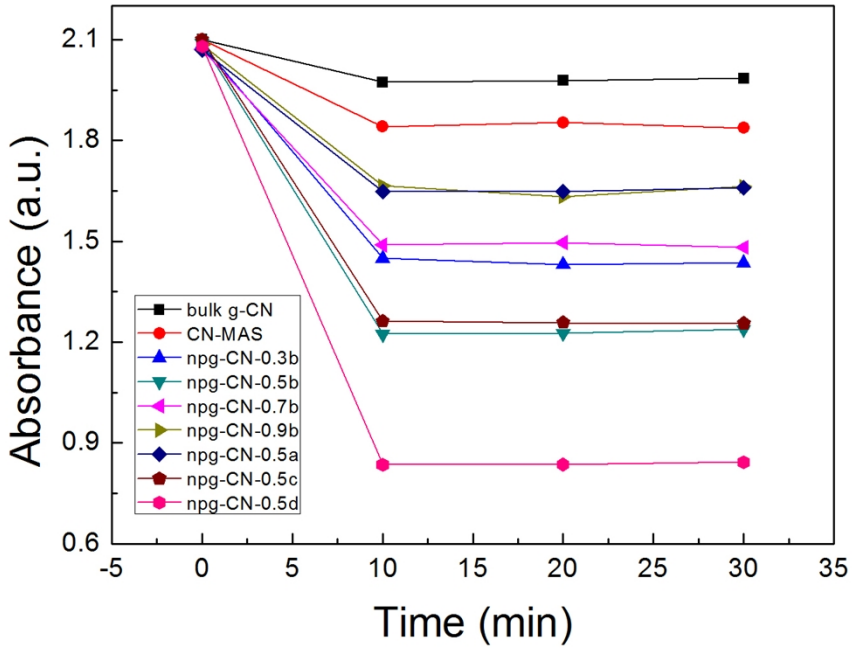

Fig. S5 Adsorption equilibrium curves of all the samples