Electronic supplementary information (ESI)

Cosolvent-free nanocasting synthesis of ordered mesoporous g-C₃N₄ and its remarkable photocatalytic activity for methyl orange degradation

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Fig. S1 XRD patterns of SBA-15 and CNX+SBA-15 samples.



Fig. S2 Nitrogen adsorption -desorption isotherms (A) and pore size distributions (B) of SBA-15.



Fig. S3 TEM images of bulk $g-C_3N_4(A)$, CN1 (B), CN3 (C), and CN4 (D).



Fig. S4 Photocurrent responses of bulk $g-C_3N_4$ (detail).



Fig. S5 (A) UV-vis absorption spectra of MO over CN2 for different irradiation times; (B) first-order kinetic plots for the photodegradation of MO;