

Supporting Information

Facile preparation of carbon nitride by binary eutectic KNO_3/KCl molten salt and its photocatalytic performance evaluation

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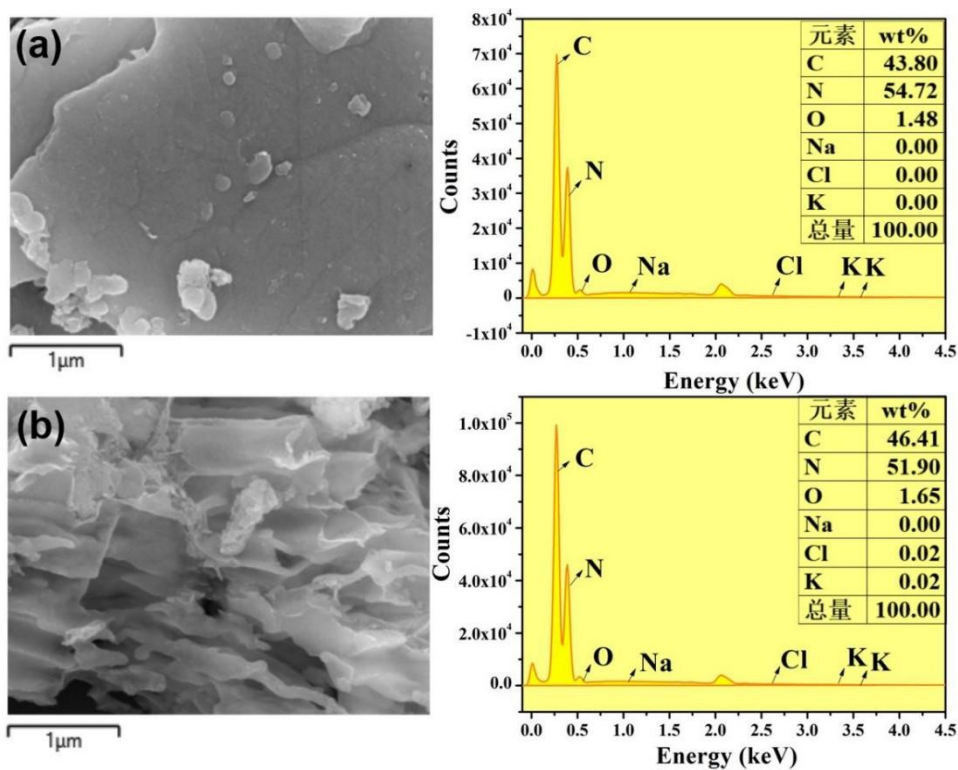


Fig S1 EDS diagram of g-CN (a) and g-CN-A (b) under specific morphology

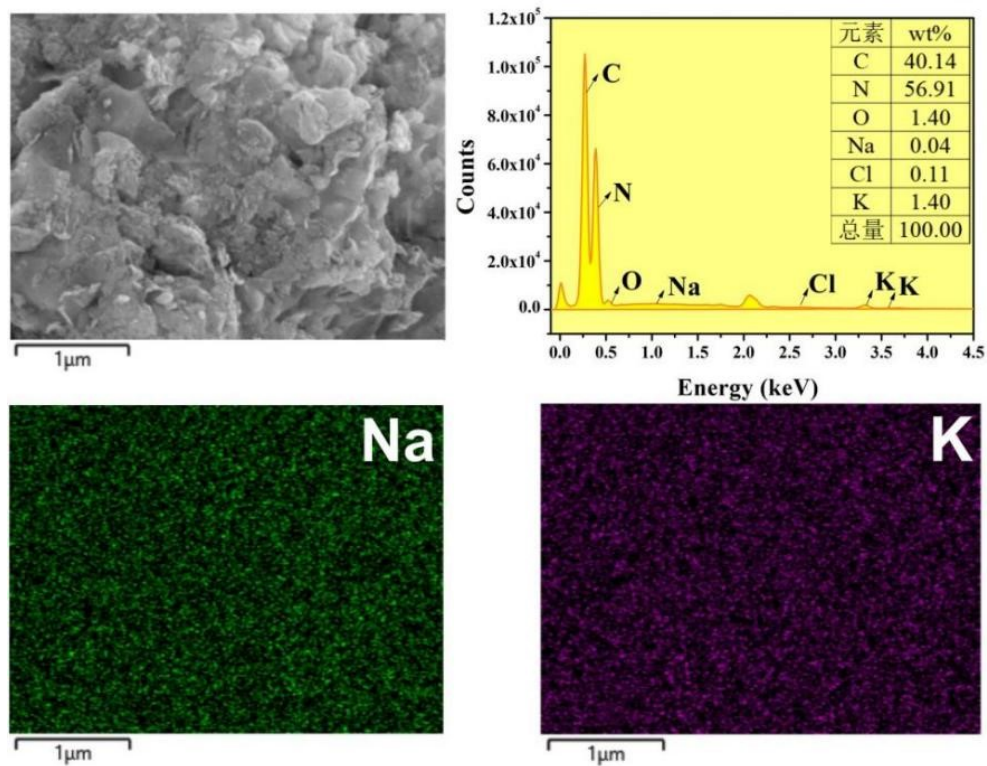


Fig S2 EDS diagram and Na, K element mapping image of g-CN-A-PN/PC-T350

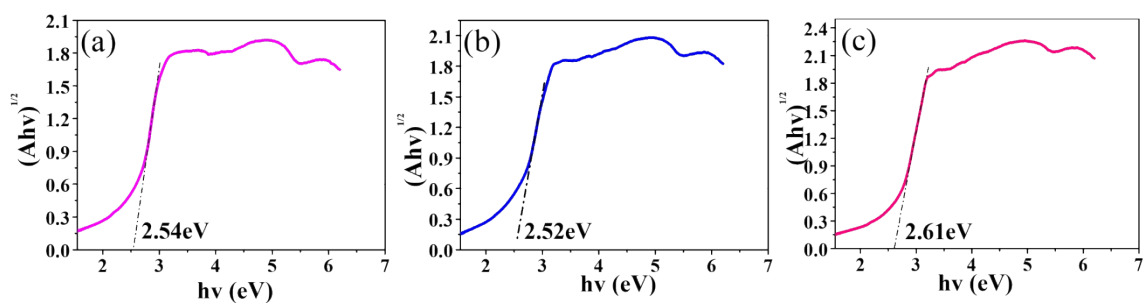


Fig S3 The plots of the square root of the Kubelka-Munk functions against the photon energy: (a) g-CN, (b) g-CN-A, and (c) g-CN-A-PN/PC-T350.

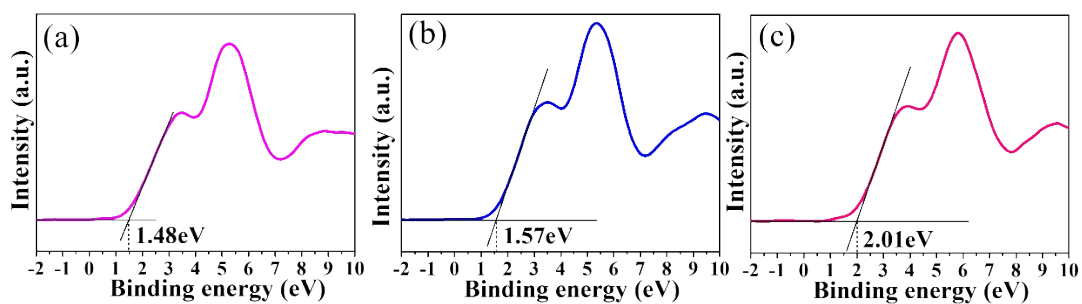


Fig S4 VB XPS of the samples: (a) g-CN, (b) g-CN-A, and (c) g-CN-A-PN/PC-T350.

Table S1 The adsorption capacity of the g-CN-A-PN/PC-T350 for different pollutants.

Name of dyes	Adsorption quantity (mg/g)
RhB	5.71
Mordant Red 15 dye	5.33
Dinotefuran pesticide	0.30
Dodecylmorpholine	30.95