

Electronic Supplementary Information

Temperature-controlled morphology evolution of graphitic carbon nitride nanostructures and their photocatalytic activities under visible light

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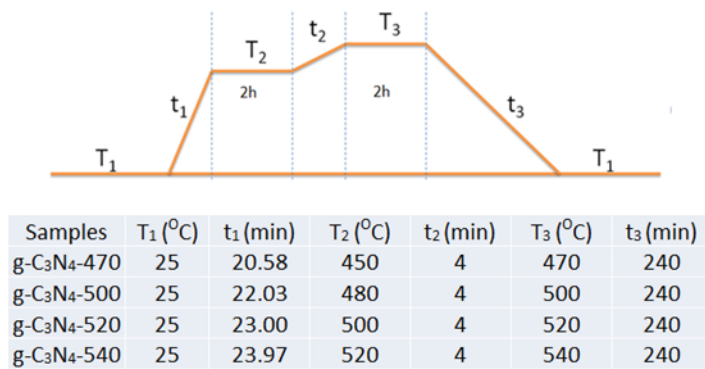


Fig. S1 curve of temperature versus time in polymerization process.

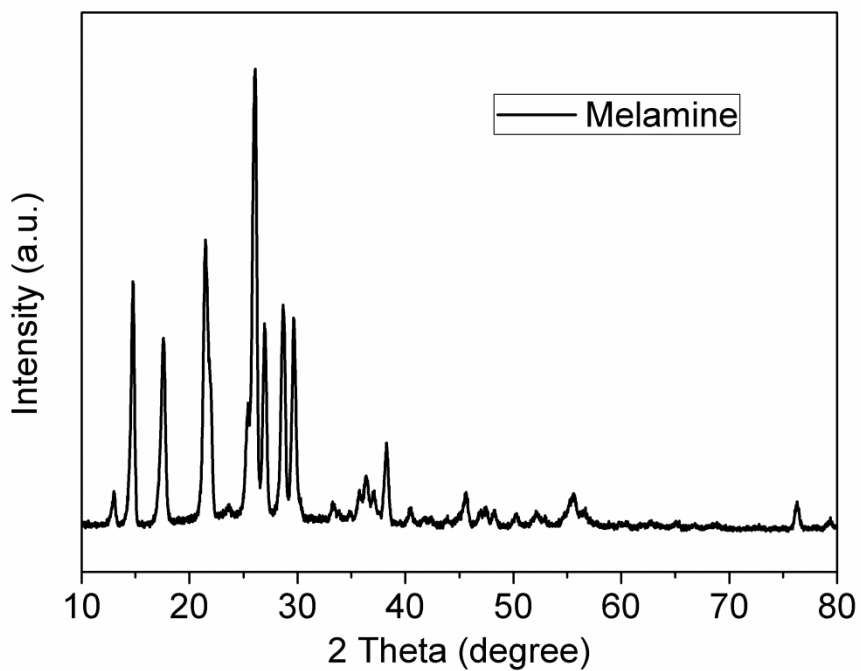


Fig. S2 XRD pattern of melamine.

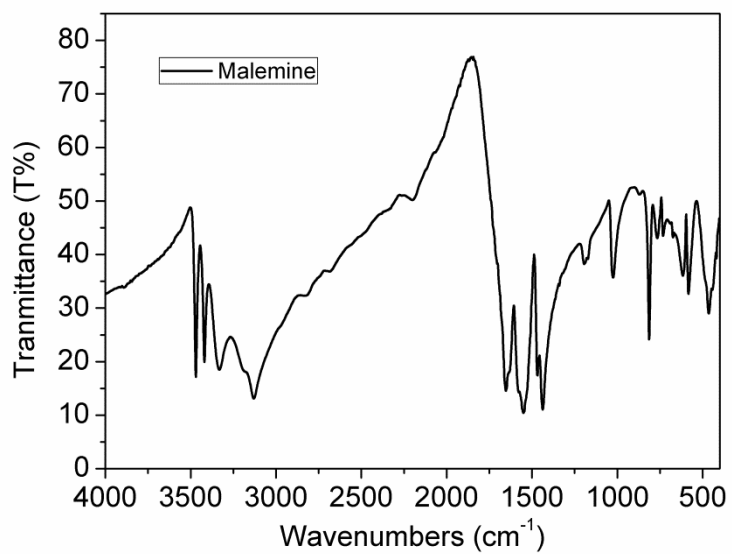


Fig. S3 FTIR spectra of melamine.

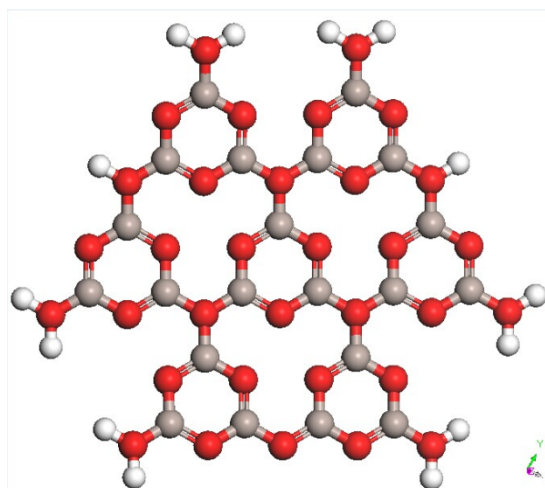


Fig. S4 The perfect structure of graphitic carbon nitride.

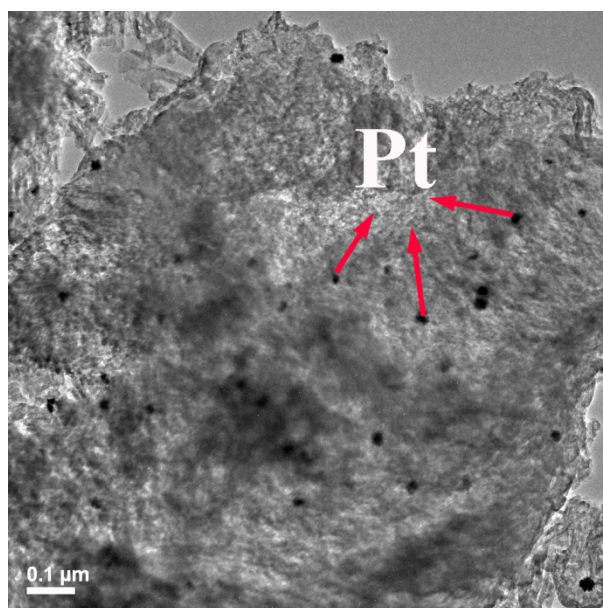


Fig. S5 TEM image of Pt nanoparticles (3 wt.%) loaded g-C₃N₄ sample.

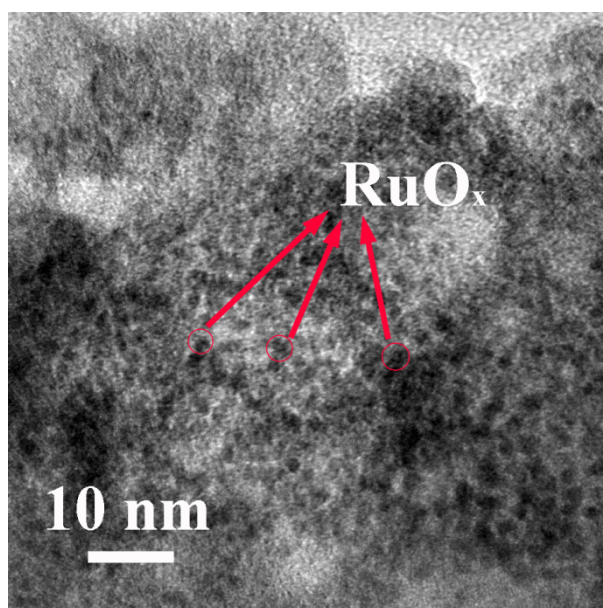


Fig. S6 TEM image of RuO_x cluster loaded g-C₃N₄ sample.