

Photocatalytic dye and Cr(VI) degradation using a metal-free polymeric g-C₃N₄ synthesized from solvent-treated urea

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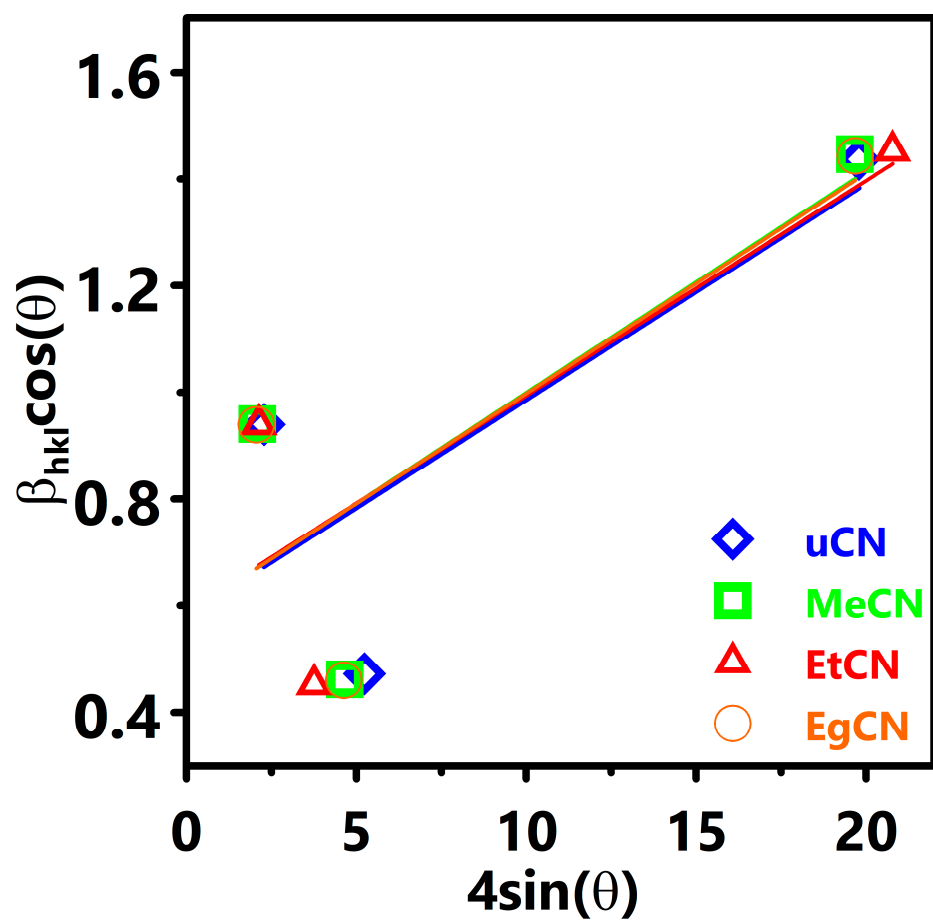


Figure S1 Williamson-Hall plot for uCN, MeCN, EtCN, and EgCN samples.

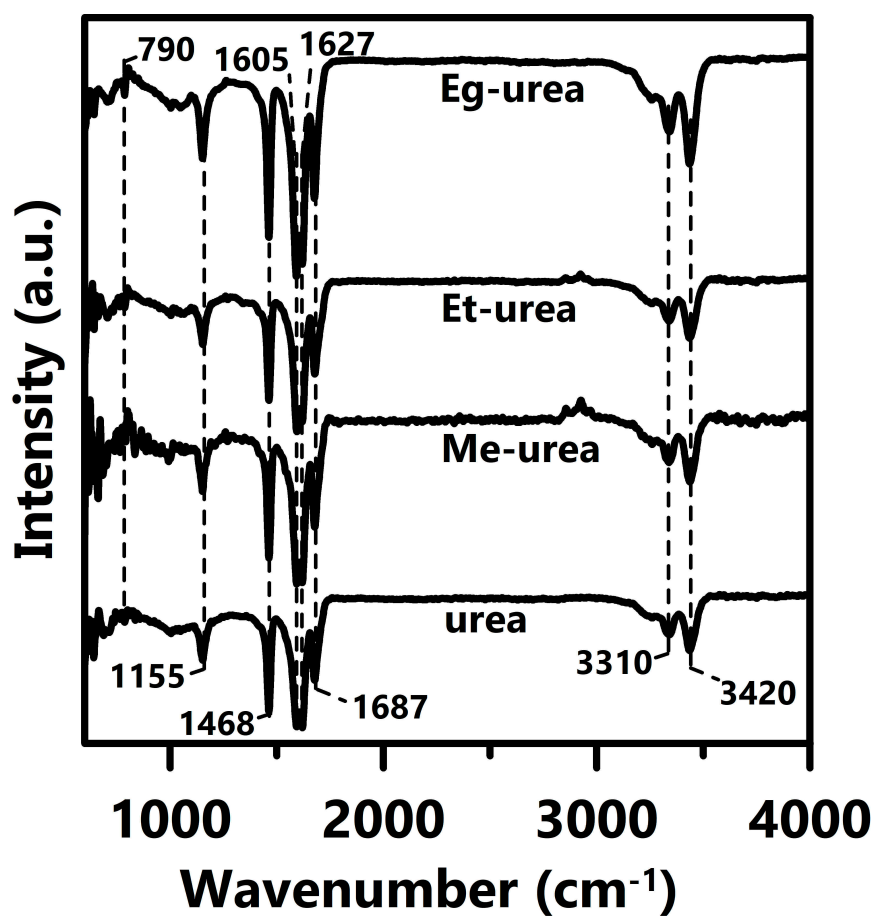


Figure S2 FTIR spectra of urea treated with various solvents including methanol (Me-urea), ethanol (Et-urea), and ethylene glycol (Eg-urea).

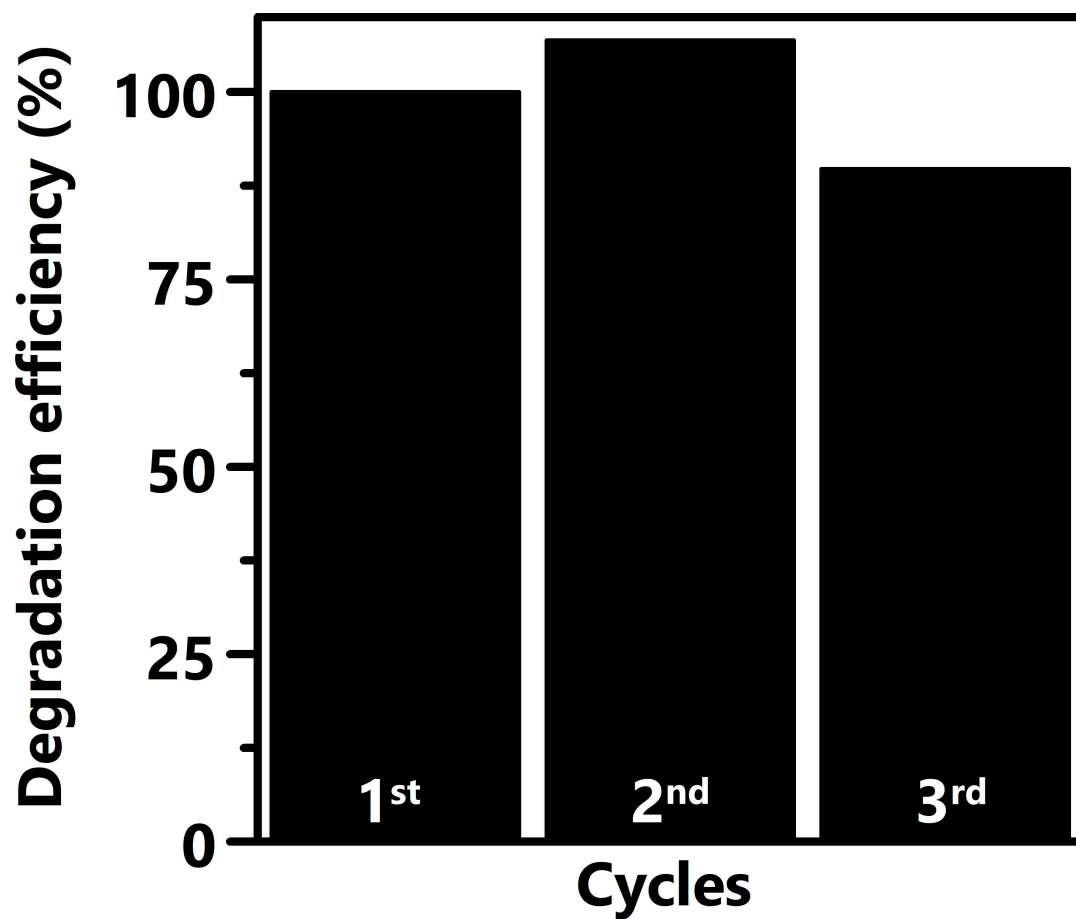


Figure S3 Reusability of the EtCN photocatalyst for the photocatalytic MO degradation during three cycles. The degradation efficiency is calculated based on the rate constant (k).