

Supporting Information for
Controllable synthesis of Graphitic C₃N₄/ultrathin MoS₂
nanosheets hybrid nanostructures with enhanced
photocatalytic performance

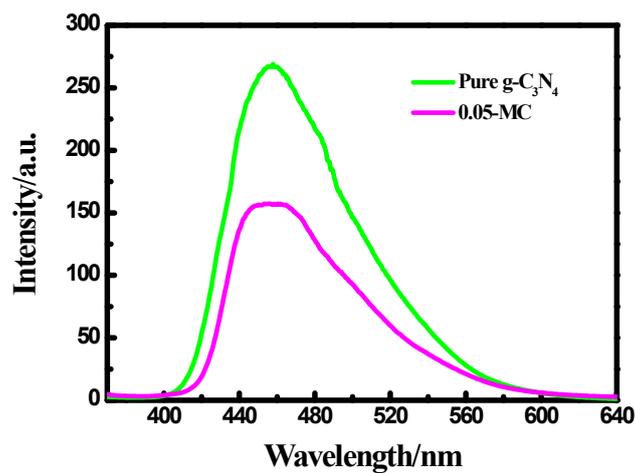
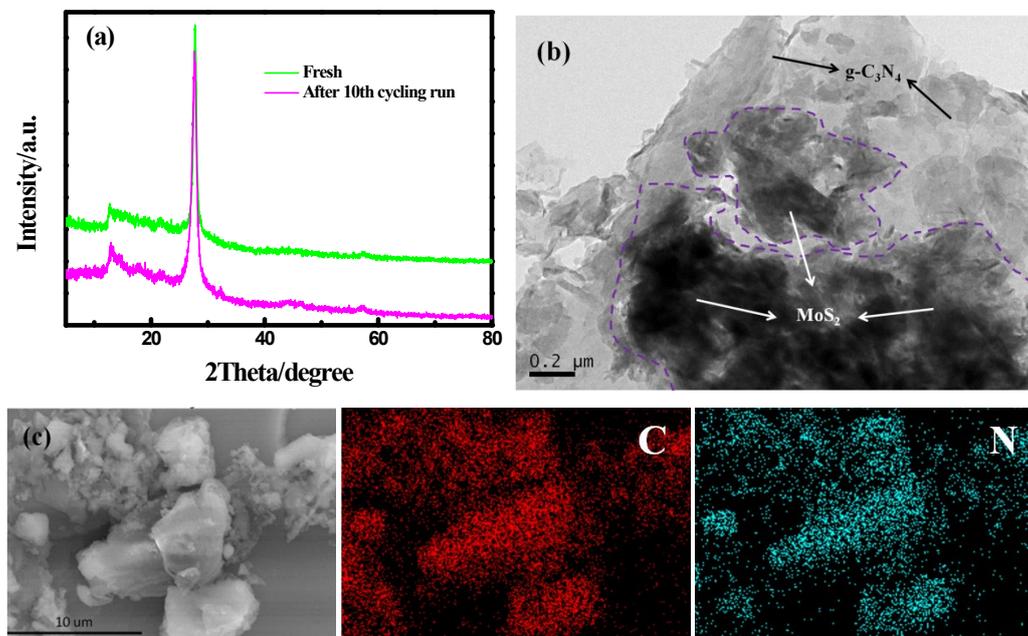


Fig. S1 PL spectra of pure g-C₃N₄ and 0.05-MC at an excitation wavelength of 360 nm.



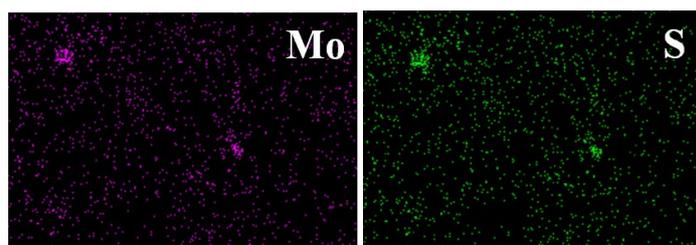


Fig. S2 (a) XRD patterns of 0.05-MC; TEM image (b) and SEM image and corresponding EDS mapping of 0.05-MC after being used for 10 times.

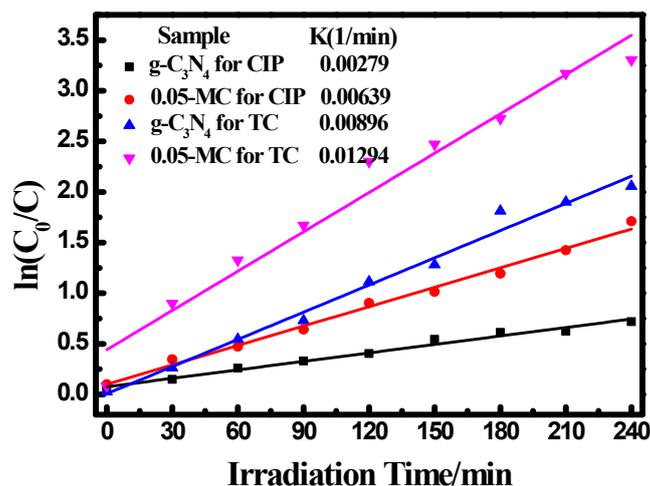


Fig. S3 Photocatalytic kinetic analysis for photodegradation CIP and TC in the presence of pure g-C₃N₄ and 0.05-MC samples

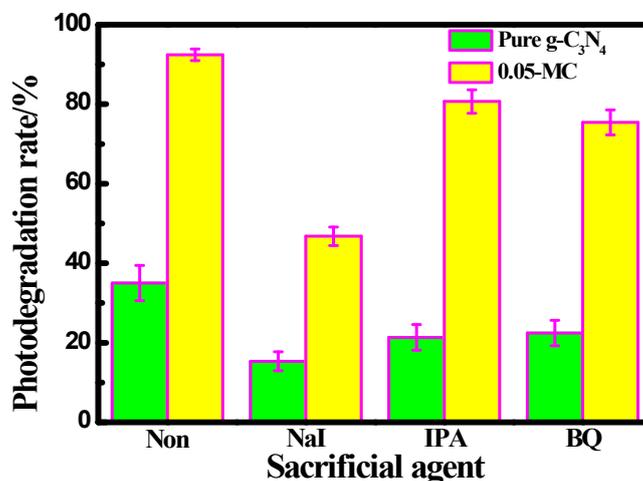


Fig. S4 Photocatalytic degradation rates of MO for pure g-C₃N₄ and 0.05-MC with three different sacrificial agents under visible light irradiation.