

Supporting information

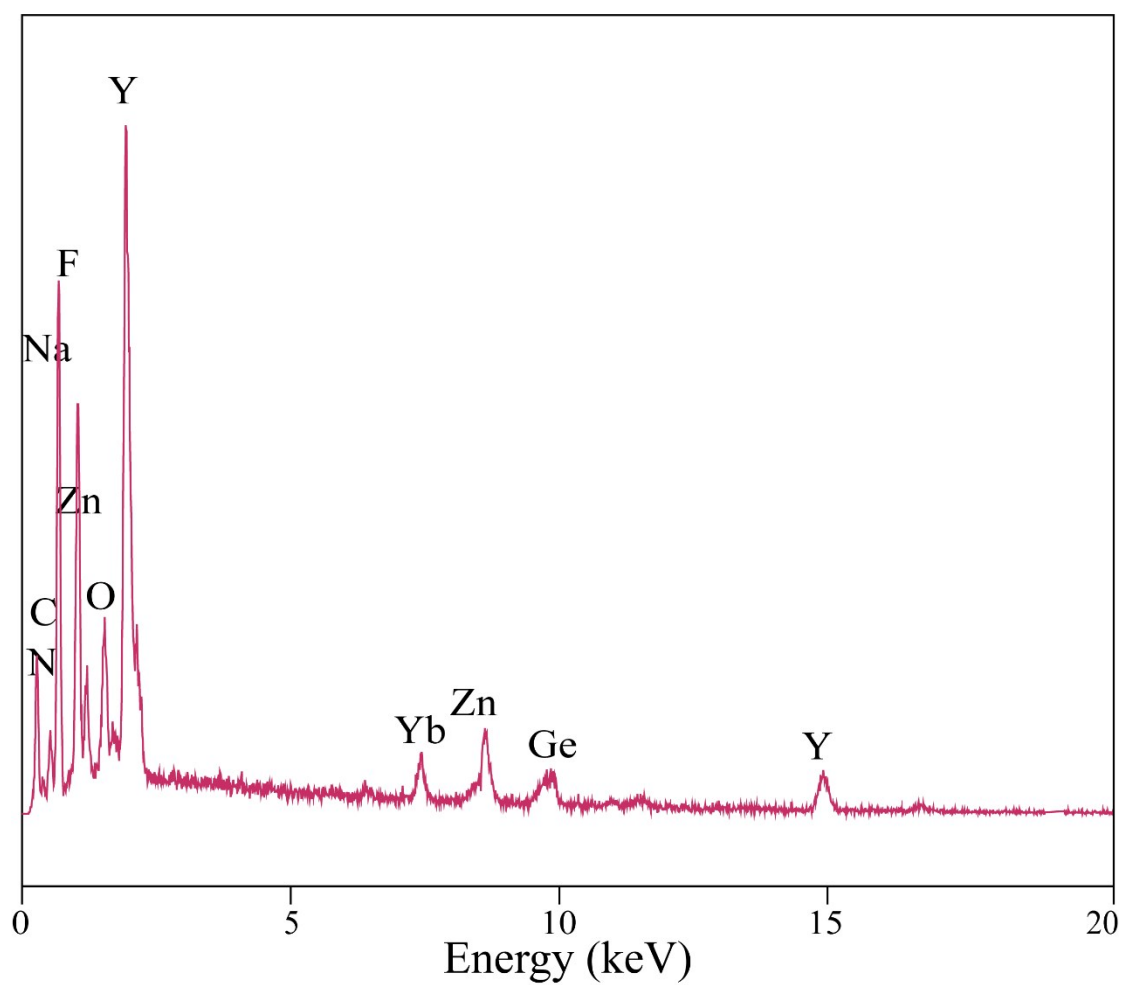


Fig. S1. The EDS spectrum of UZC.

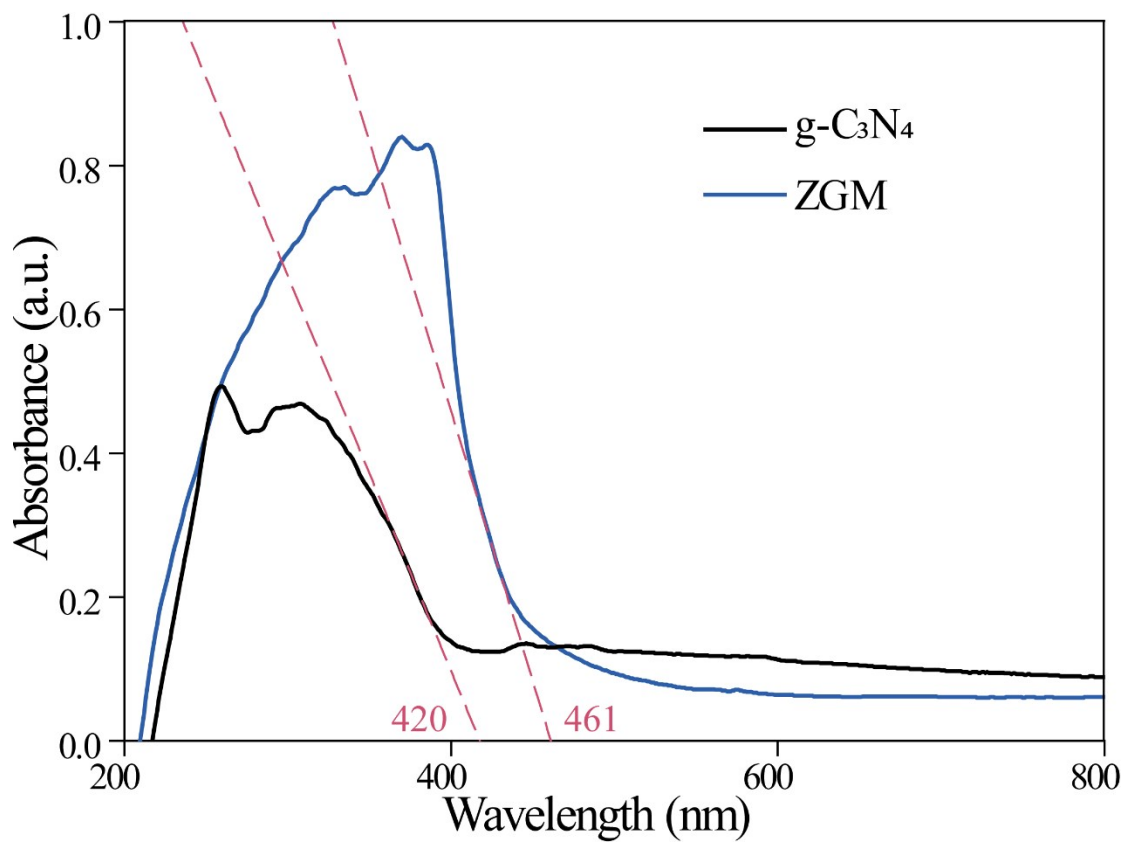


Fig. S2. UV-Vis diffuse reflectance spectra of ZGM and g-C₃N₄.

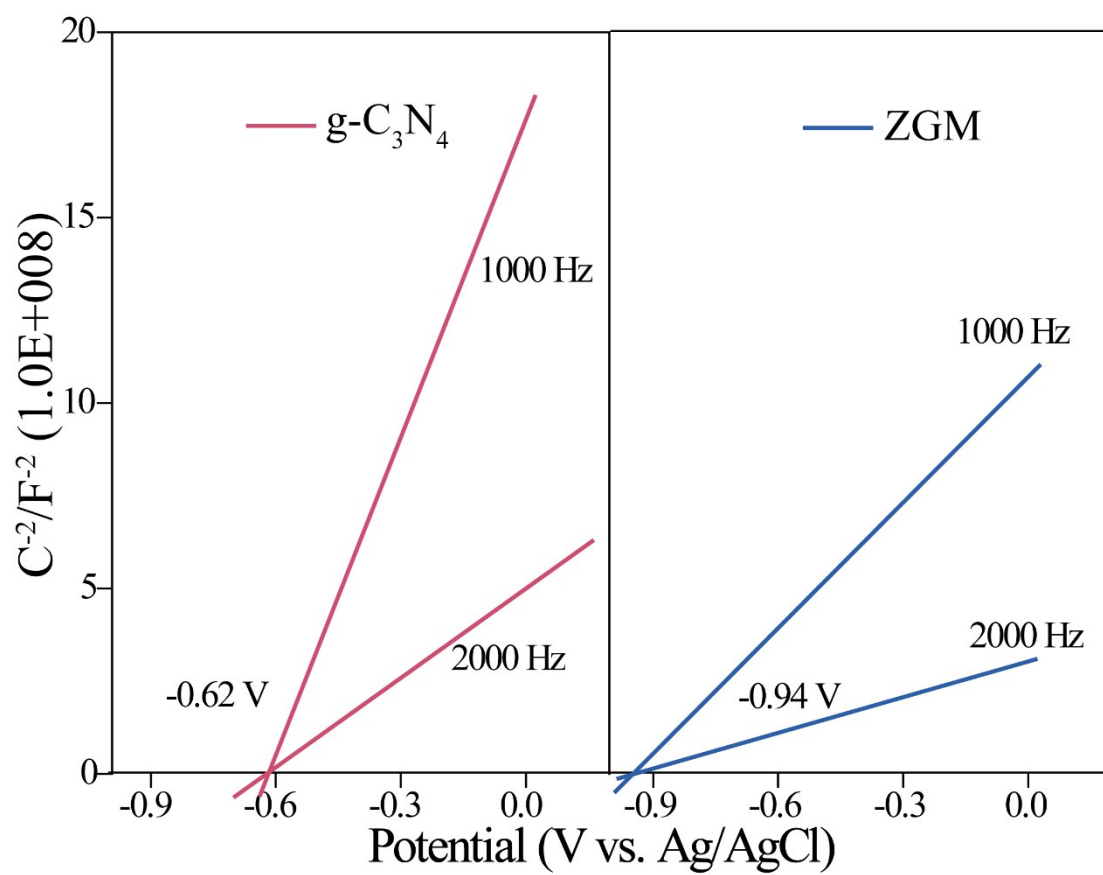


Fig. S3. Mott-Schottky plots of ZGM and $g-C_3N_4$.

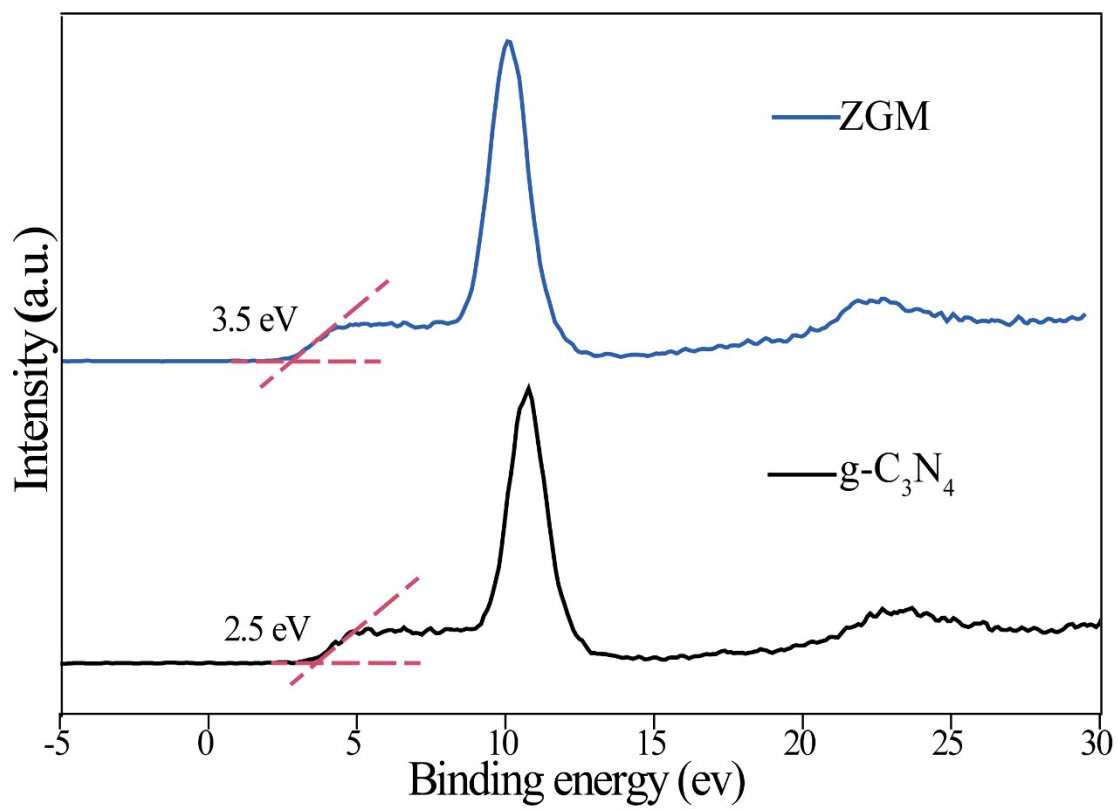


Fig. S4. Valance band XPS spectra of ZGM and g-C₃N₄.

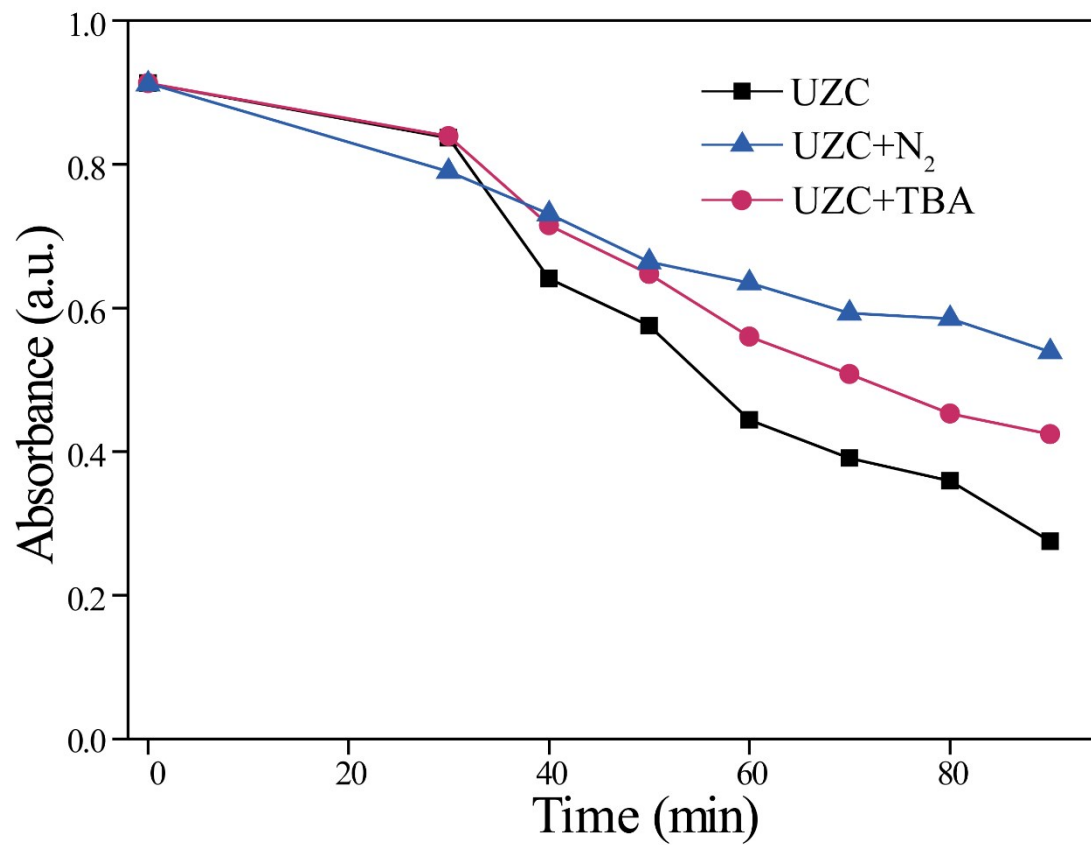


Fig. S5. The degradation curves of RhB with different treatments.