

Ternary Polyaniline@Bi₂O₃-BiOCl Nanocomposites as Innovative Highly Active Photocatalysts for the Removal of the Dye under Solar Light Irradiation

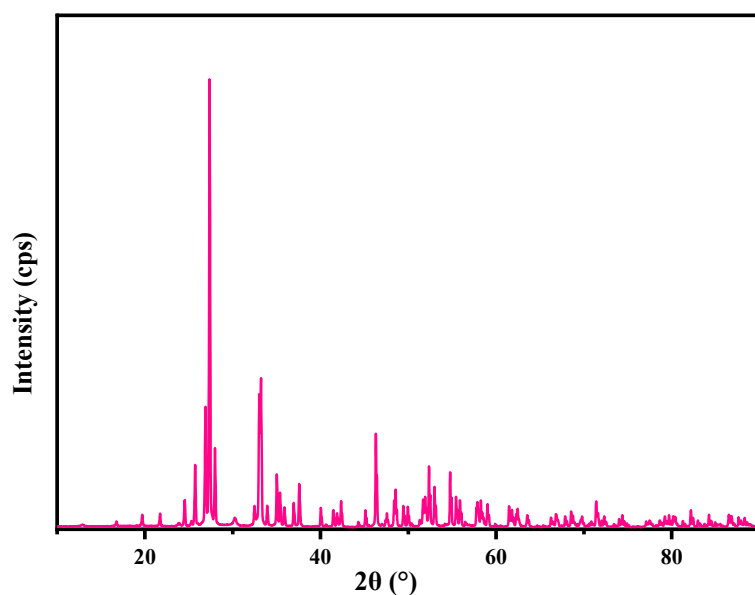


Figure S1. XRD patterns of Bi₂O₃

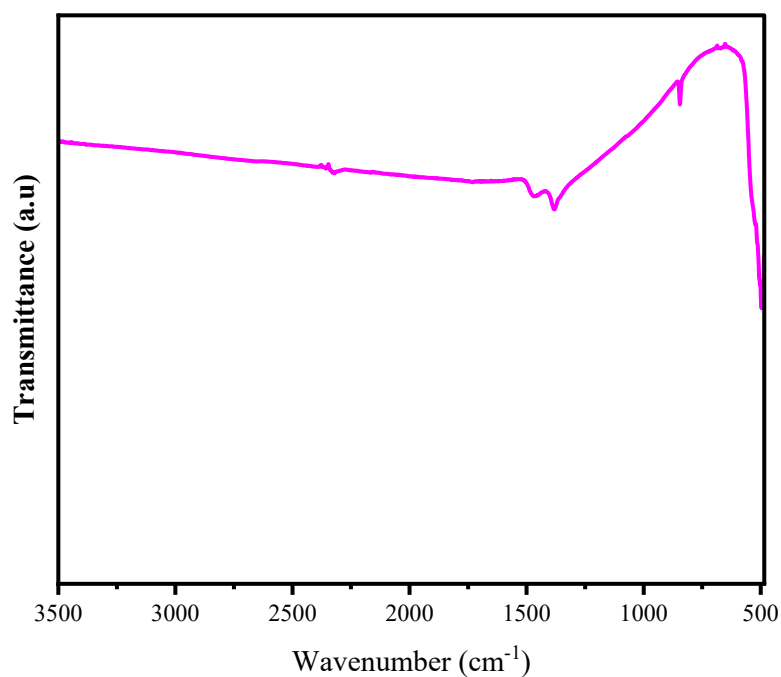


Figure S2. FTIR spectrum of Bi₂O₃

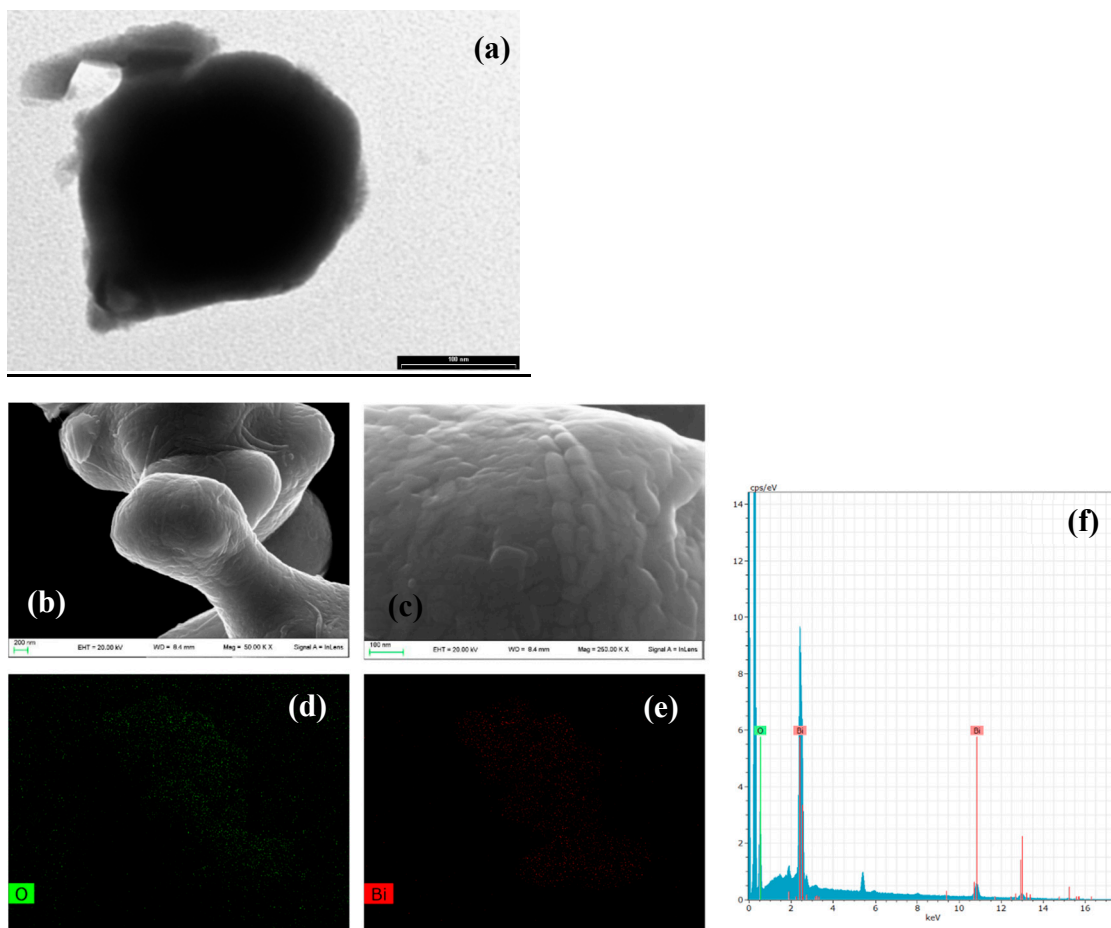


Figure S3. (a) TEM image, (b and c) SEM images, (d and e) O and Bi elemental mapping and (f) EDS spectrum of Bi_2O_3

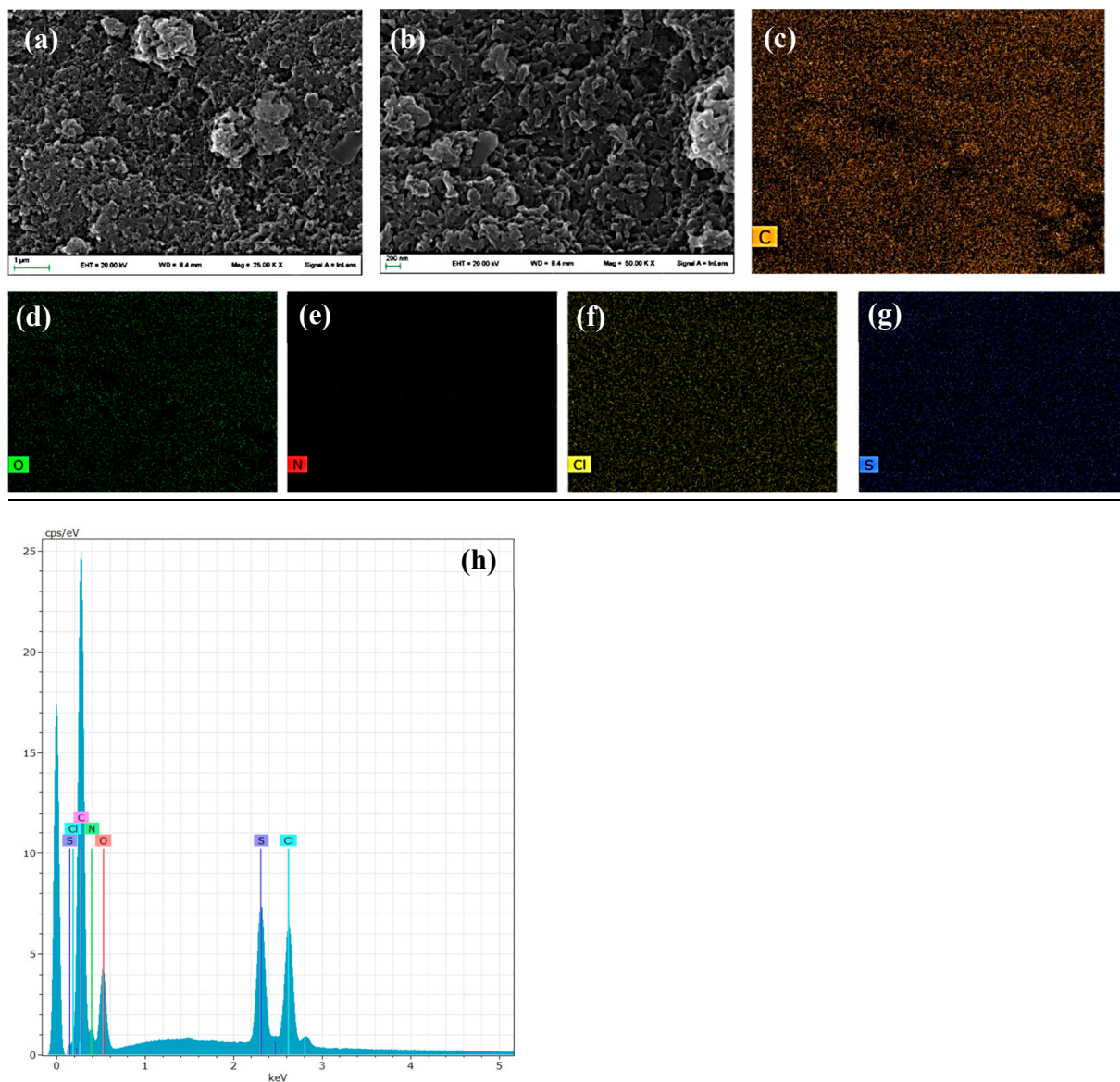


Figure S4. (a and b) SEM Image, (c-g) elemental mapping and EDS spectrum PANI

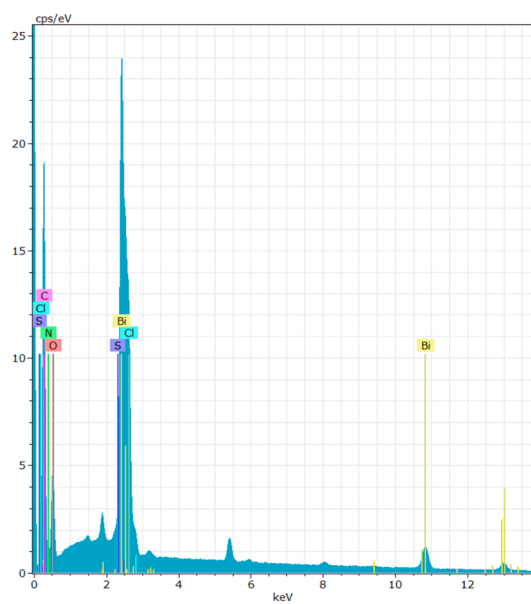


Figure S5. EDS spectrum of 0.5PBB

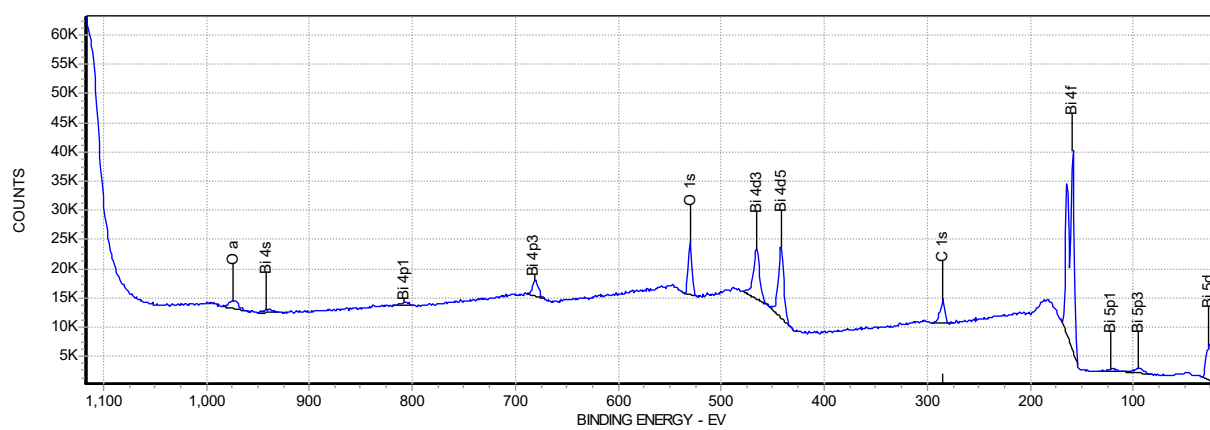


Figure S6. XPS survey spectra of Bi_2O_3

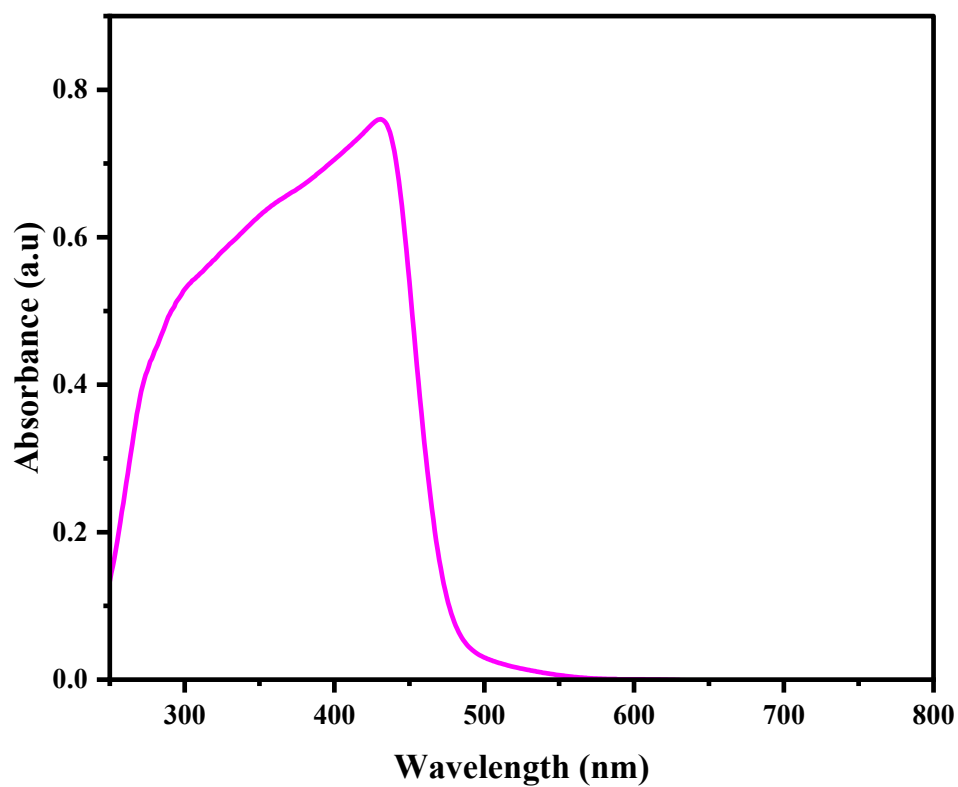


Figure S7. UV-visible spectra of Bi_2O_3

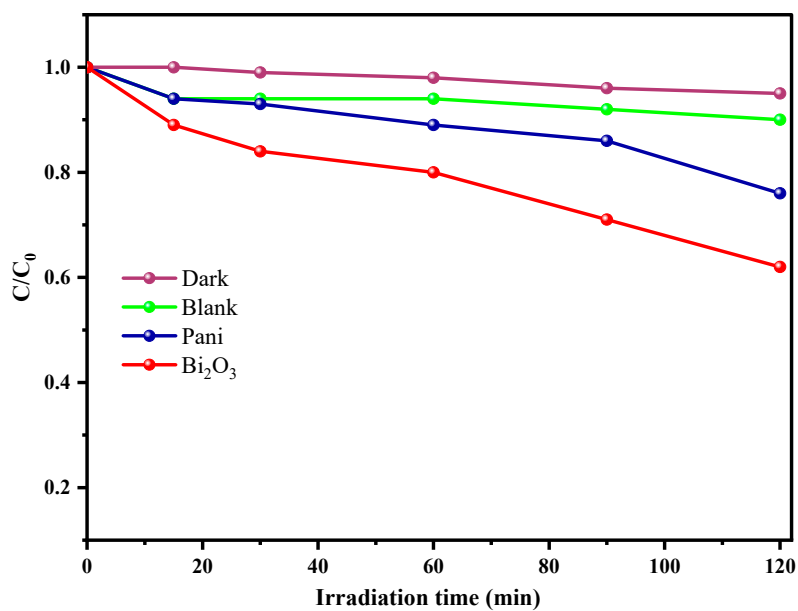


Figure S8. Conversion plots for the photodegradation of MB by PANI, Bi_2O_3 , blank and in Dark

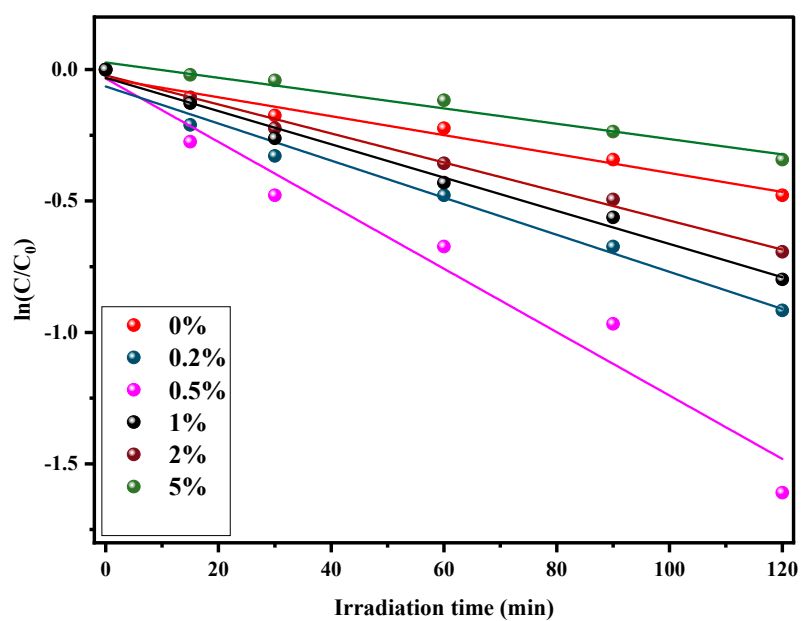


Figure S9. Kinetic curves ($\ln(C/C_0)=f(t)$) of MB photodegradation