

Supplementary information

Synthesis of Sulfonic Acid-Functionalized g-C₃N₄/BiOI Bifunctional Heterojunction for Enhanced Photocatalytic Removal of Tartrazine and PEC Oxygen Evolution Reaction

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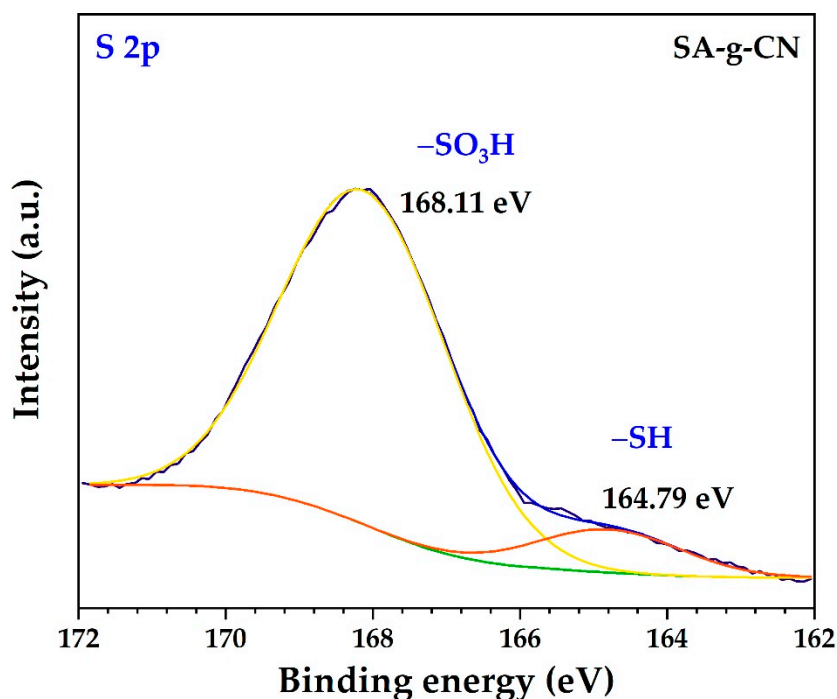


Figure S1. XPS core-level spectra of S 2p of SA-g-CN.

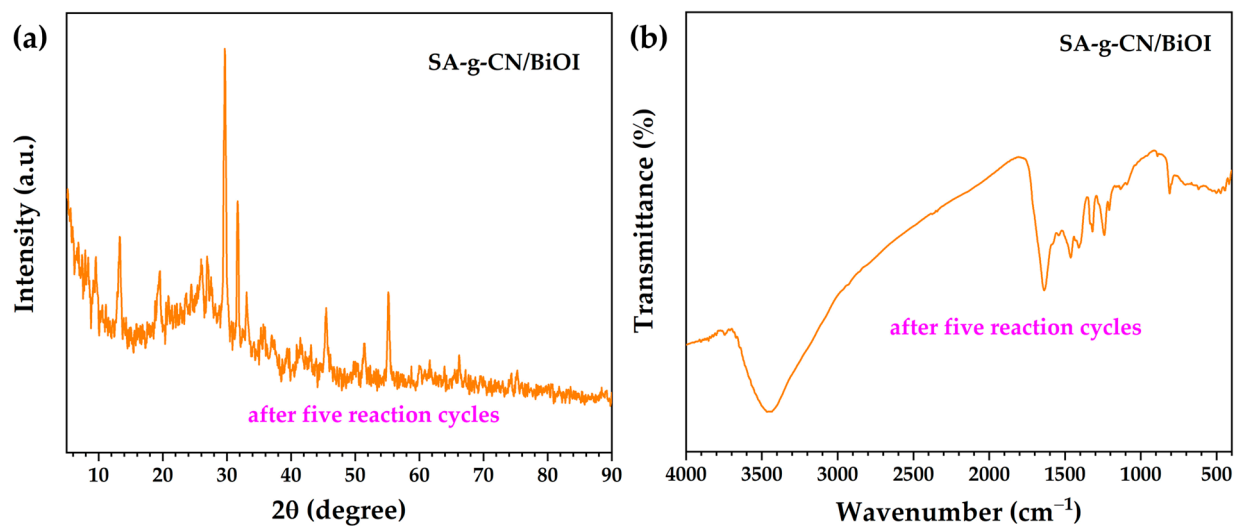


Figure S2. XRD diffraction pattern (a) and FTIR spectrum of recycled SA-g-CN/BiOI heterojunction nanocomposite after five successive reaction cycles (b).

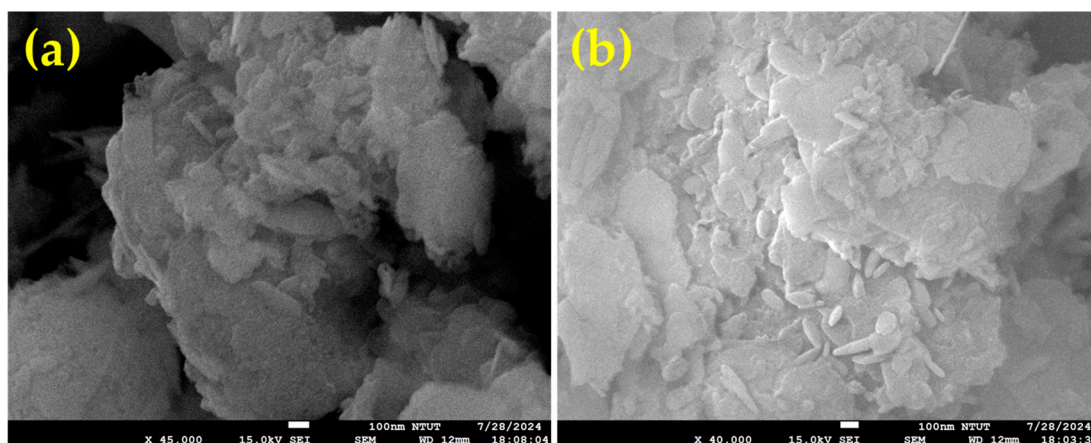


Figure S3. FESEM images of the recycled SA-g-CN/BiOI composite (a,b).