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Supporting Information

In Situ Construction of BiOCl/Bi₂Ti₂O₇ Heterojunction with

Enhanced Visible light Photocatalytic Activity

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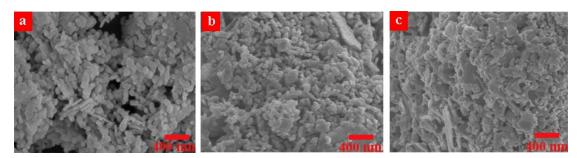


Figure S1. SEM images of BOC/BTO heterojunction with different mass ratio: (a) 2:1, (b) 4:1 and (c) 8:1.

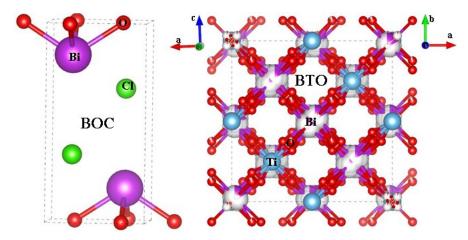


Figure S2. The optimized model of (a) BOC and (b) BTO

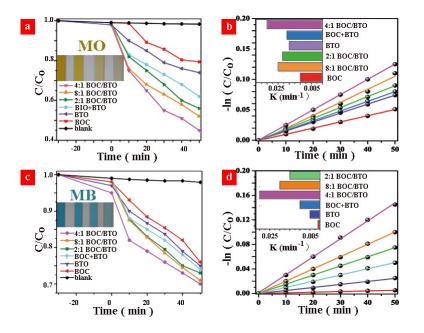


Figure S3. Under visible light irradiation, photocatalytic degradation of (a) MO and (c) MB with different irradiation time; (b, d) the plots of $ln(C/C_0)$ *vs* irradiation time and reaction rate constants for different samples.

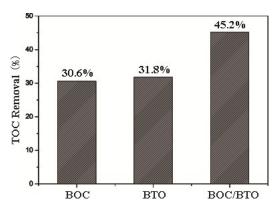


Figure S4. The TOC removal of RhB in the presence of various catalysts under visible light irradiation for 50 min