

**One-Step hydrothermal treatment to fabricate Bi₂WO₆-reduced
graphene oxide nanocomposites for enhanced visible light
photoelectrochemical performance**

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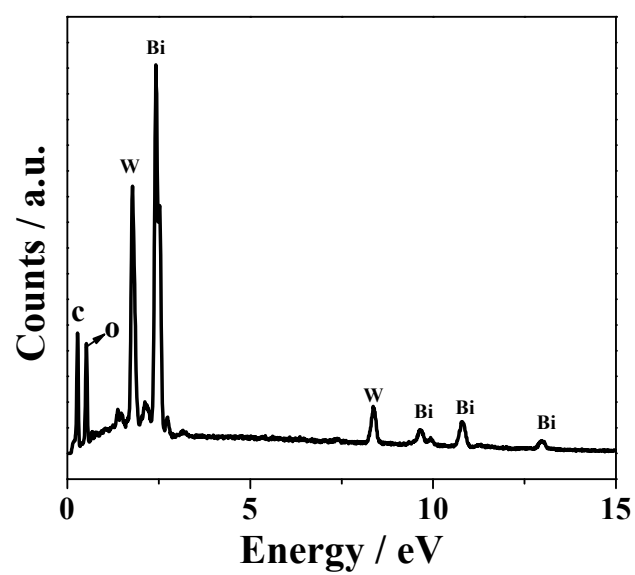


Fig.S1 EDS spectrum of $\text{Bi}_2\text{WO}_6\text{-rGO}_{2.94\%}$ NCs

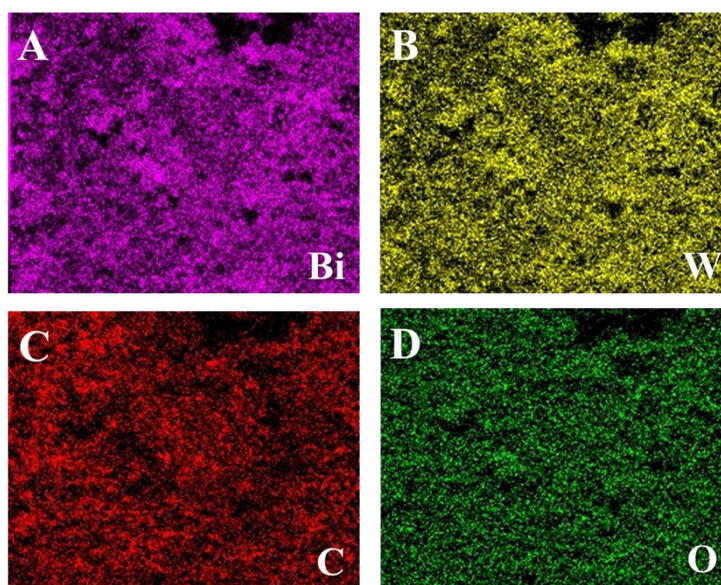


Fig. S2 Elemental mapping images (EMIs) of (A) Bi, (B) W, (C) C, (D) O of $\text{Bi}_2\text{WO}_6\text{-rGO}_{2.94\%}$ NCs.

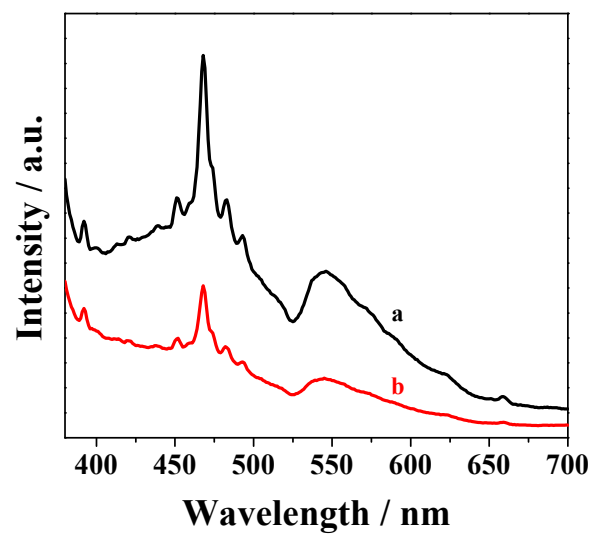


Fig. S3 PL spectra of (a) pure Bi_2WO_6 and (b) $\text{Bi}_2\text{WO}_6/\text{rGO}_{2.94\%}$.