Electronic Supplementary Information for

Design and fabrication of polyaniline/Bi_2MoO_6 nanocomposites for enhanced visible-light-driven photocatalysis

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There are no conflicts of interest to declare.

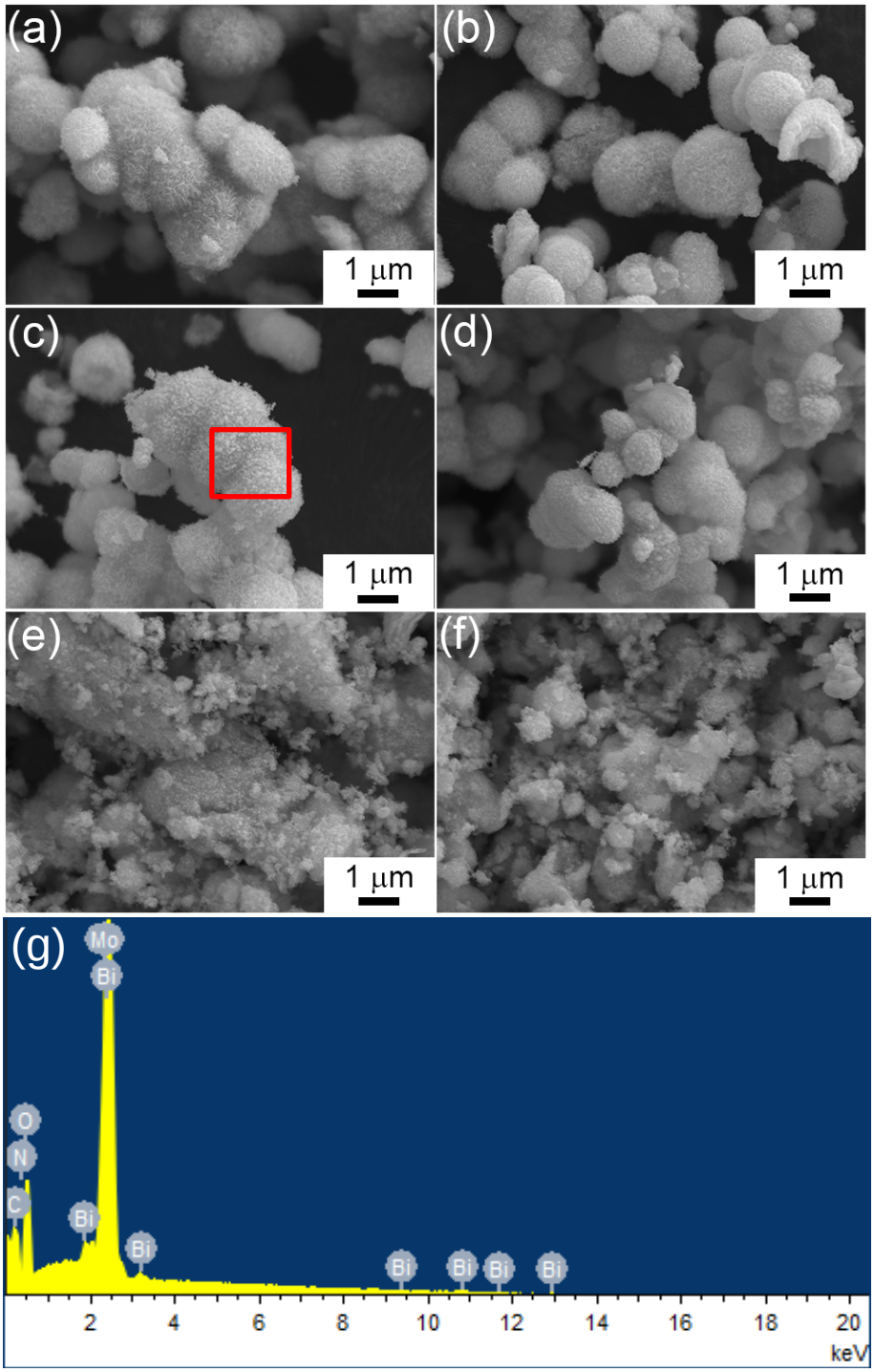

Figure S1. SEM images of (a) pure Bi_2MoO_6, (b) $PANI_{0.25}/Bi_2MoO_6$, (c) $PANI_{0.5}/Bi_2MoO_6$, (d) $PANI_{0.75}/Bi_2MoO_6$, (e) $PANI_{1.0}/Bi_2MoO_6$ and (f) $PANI_{2.0}/Bi_2MoO_6$. (g) Energy dispersive X-Ray (EDX) spectrum of the selected area in Figure S1c.

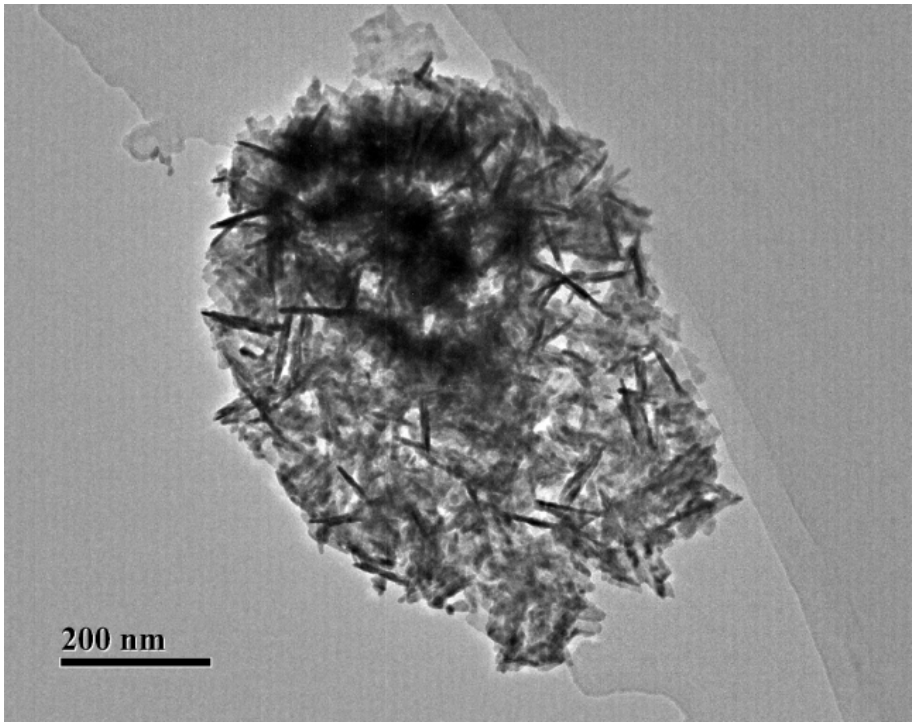

Figure S2. TEM image of pure Bi_2MoO_6 at large scale.

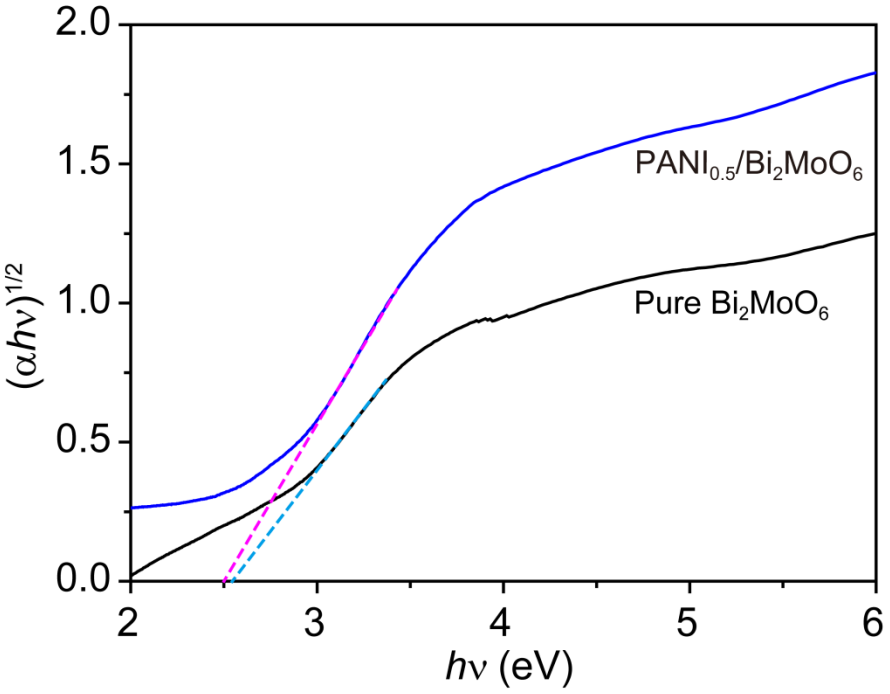

Figure S3. The Tauc plots and optical band gap evaluation for pure Bi_2MoO_6 and $PANI_{0.5}/Bi_2MoO_6$ derived from the UV-Vis absorption spectra.

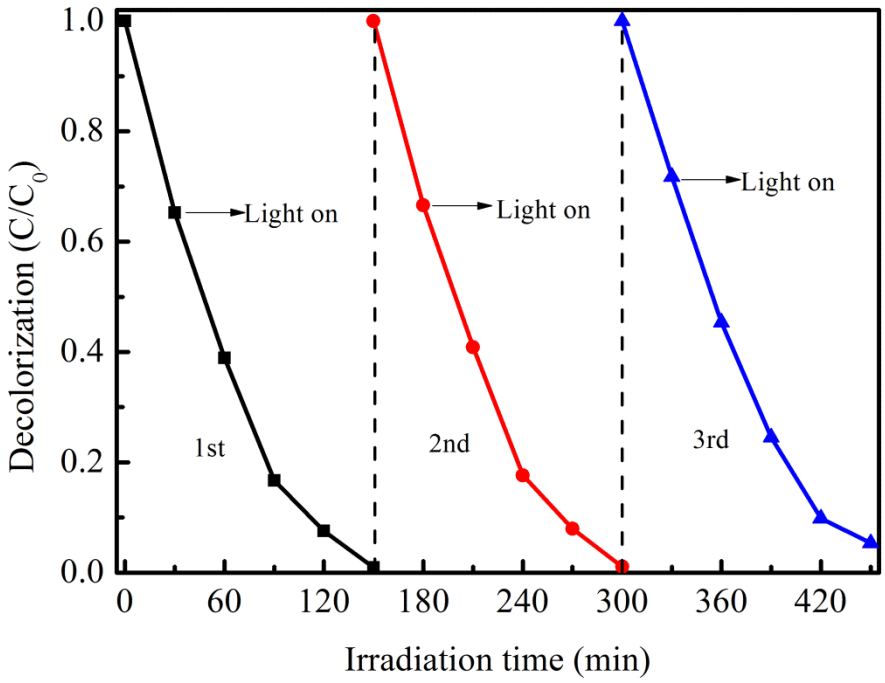

Figure S4. Recycle performance of $PANI_{0.5}/Bi_2MoO_6$ at the optimized conditions. The adsorbed RhB to $PANI_{0.5}/Bi_2MoO_6$ was desorbed and re-activated in a mixture of water and ethanol.

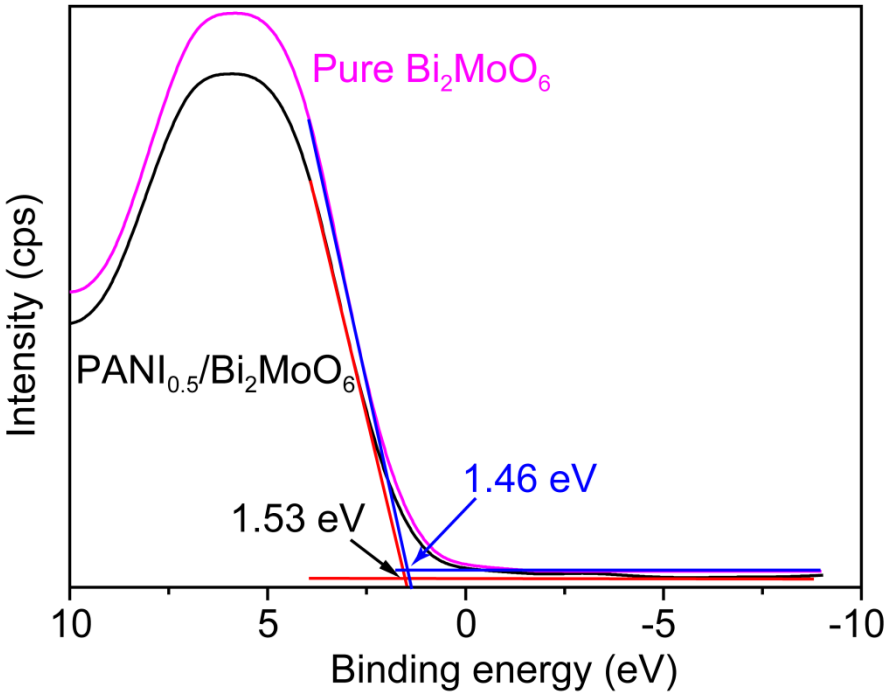

Figure S5. Valence band XPS spectra of Bi_2MoO_6 and $PANI_{0.5}/Bi_2MoO_6$.