Facile solvothermal synthesis of hierarchical flower-like Bi$_2$MoO$_6$ hollow spheres as high performance visible-light driven photocatalysts

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Fig. S1. XRD patterns of the uncalcined (a) and calcined (b) Bi$_2$MoO$_6$ samples (obtained from 20 h solvothermal).
Fig. S2. XRD patterns of products prepared from different ethylene glycol under solvothermal reaction: (a) 2 mL; (b) 10 mL.

Fig. S3. SEM images of products prepared from different ethylene glycol content under solvothermal reaction: (a) 2 mL; (b) 10 mL.

Fig. S4. SEM image of the Bi$_2$MoO$_6$ prepared from 20 h solvothermal reaction at 110 °C.
Fig. S5. Plots of ln(C_0/C) over irradiation time for the SSR-Bi$_2$MoO$_6$ (a), Bi$_2$MoO$_6$ hollow spheres before calcination (b) and after calcination (c). Inset: the values of degradation rate constant (k) and linearly dependent coefficients (R).