Supporting Information

S1. XRD of Bi$_2$WO$_6$ microstructures.

![XRD pattern](image)

**Figure S1** XRD patterns of Bi$_2$WO$_6$ microstructures obtained at 150°C and using the concentrations of both Bi$^{3+}$ and (WO$_4$)$_{2}^{2-}$ precursors 0.075 and 0.0375 M (BWO-3)
SII Time dependant degradation of the Methylene Blue (MB) and Rhodamine B (RhB) dye

Figure SII The temporal evolution of the absorption spectra of the MB (A-C) and RhB (D-F) solution in the presence of Bi$_2$WO$_6$ microstructure under visible-light irradiation. (A & D: Peony flower, B & E Bowl and C&F: red blood cell)