Supporting Information

Designable Fabrication of Hierarchical $WO_3 \cdot H_2O$ Hollow Microspheres for Enhanced Visible Light Photocatalysis

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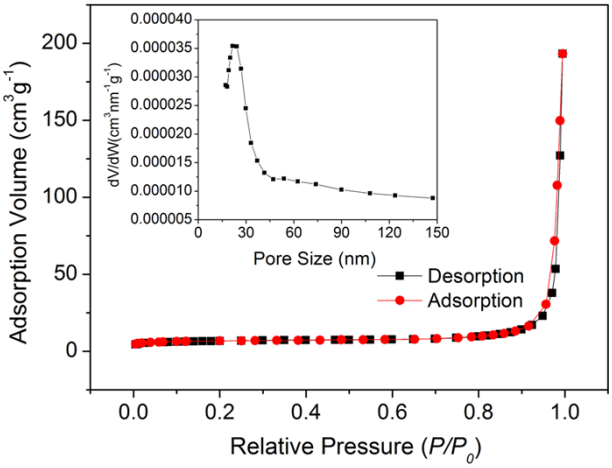

Figure S1. N_2 adsorption/desorption isotherm and Barrett-Joyner-Halenda (BJH) pore size distribution plot (inset) of $WO_3 \cdot H_2O$ nanoplates.

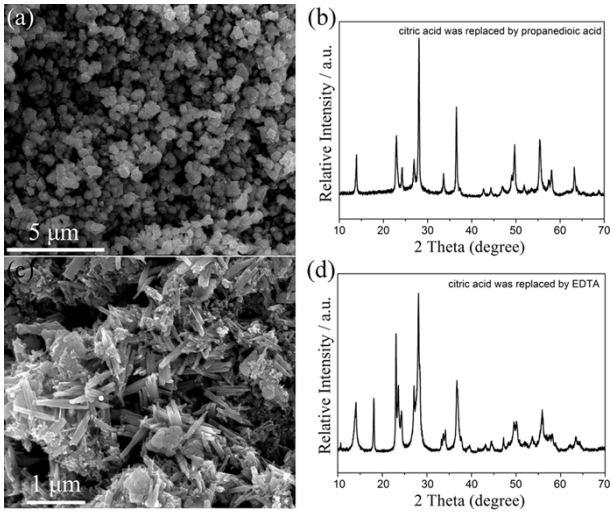

Figure S2. SEM images and XRD of samples synthesized by propanedioic acid a, b) and EDTA c, d).

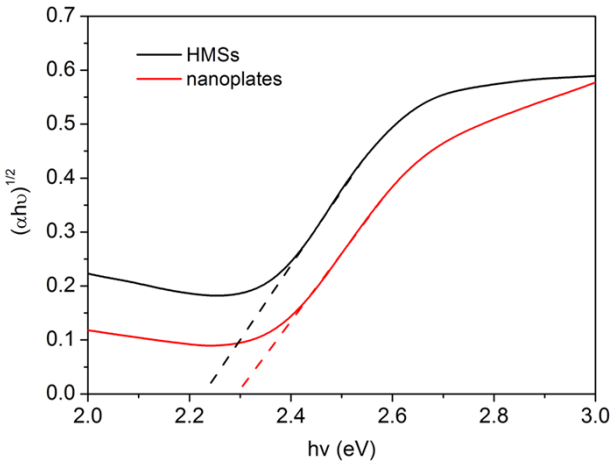

Figure S3. Plots of $(\alpha h\upsilon)^{1/2}$ vs. photo energy of the $WO_3 \cdot H_2O$ HMSs and $WO_3 \cdot H_2O$ nanoplates.

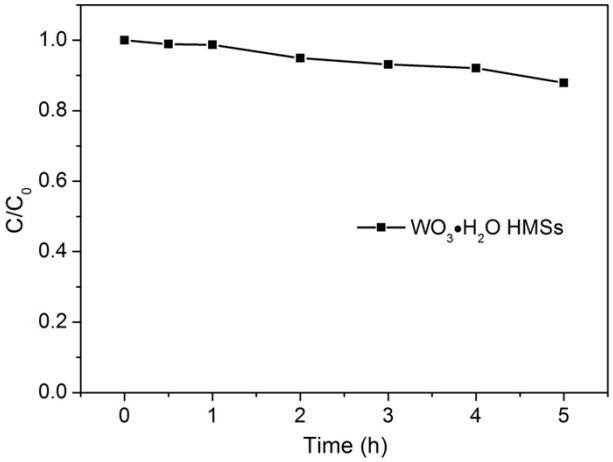

Figure S4. Decrease of TOC in the presence of $WO_3 \cdot H_2O$ HMSs"

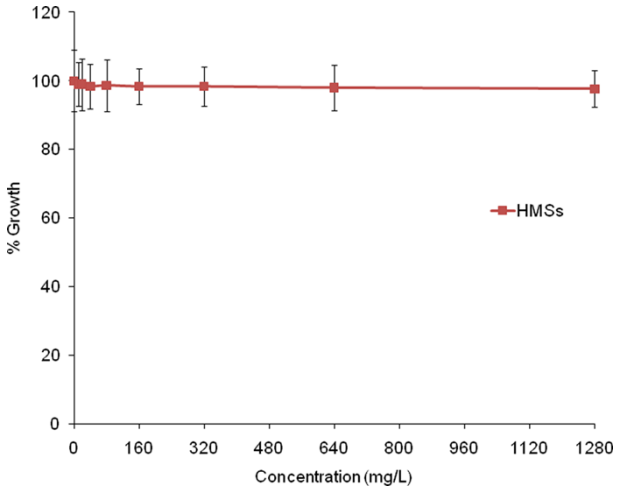

Figure S5. Growth inhibition in yeast incubated with various concentrations of $WO_3 \cdot H_2O$ HMSs for 24 h.

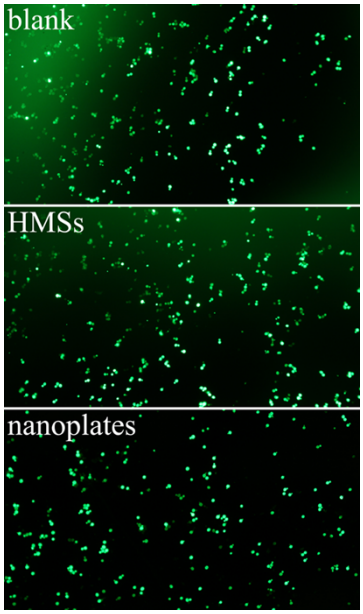

Figure S6. Fluorescence images of cells with/without treatment after FDA staining.