Supporting Information

Self-supported construction of 3D CdMoO₄ hierarchical structures from nanoplates with enhanced photocatalytic properties

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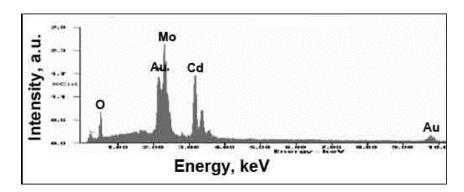


Fig. S1. A typical EDS spectrum of CdMoO₄ hierarchical structures.

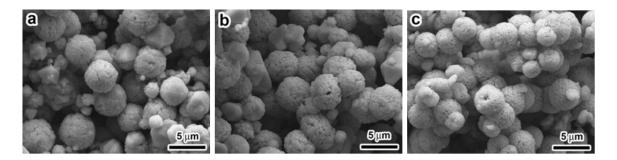


Fig. S2. SEM images of CdMoO₄ samples obtained at 200 °C using Na₂MoO₄ as Mo reaction source with different concentrations of CdCl₂ aqueous solution. (a-c) 0.02 M, (d-f) 0.04 M and (g-i) 0.2 M.

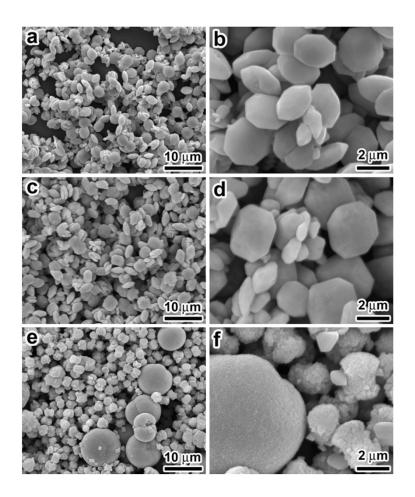
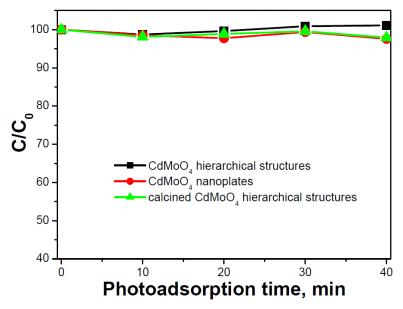


Fig. S₃. SEM images of CdMoO₄ samples obtained at 200 °C and 0.04 M of CdCl₂ aqueous solution with different pH value. (a, b) pH6, (c, d) pH7, and (e, f) pH10.



 $\textbf{Fig. S4}. \ Photoadsorption \ properties \ of \ various \ CdMoO_{4} \ samples.$

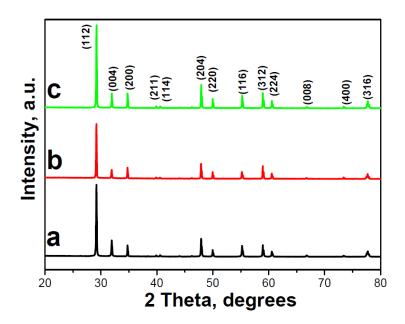


Fig. S5. XRD patterns of various $CdMoO_4$ samples. (a) $CdMoO_4$ hierarchical structures, (b) $CdMoO_4$ nanoplates, and (c) calcined $CdMoO_4$ hierarchical structures.