CaWO$_4$ Hierarchical Nanostructures: Hydrothermal Synthesis, Growth Mechanism, and Photoluminescence Properties

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Figure S1. EDX spectra of the CaWO$_4$ hierarchical nanostructures.
Figure S2. SEM images of the CaWO$_4$ nanostructures obtained in the presence of other reagents: 2 g PVP (a), 2 g CTAB (b), and 0.04 ml PMA (c).

Figure S3. XRD patterns of the CaWO$_4$ nanostructures obtained in the presence of other reagents: 2 g PVP (a), 2 g CTAB (b), and 0.04 ml PMA (c).
**Figure S4.** SEM images of the CaWO$_4$ nanostructures prepared with the varied initial amounts of PDDA: 0 ml (a), 0.1 ml (b), 1 ml (c), 8 ml (d), and XRD patterns of above products(e).

**Figure S5.** TG analysis of CaWO$_4$ hierarchical nanostructures and PDDA.
Figure S6. XRD patterns of the as-synthesized CaWO₄ products with different pH values.