Morphology Control of Stolzite Microcrystals with High Hierarchy in Solution**

By Biao Liu, Shu-Hong Yu*, Linjie Li, Qiao Zhang, Fen Zhang, Ke Jiang

Figure 1. SEM images of the PbWO₄ crystals obtained under different conditions. (a) the morphology of the product obtained at pH 4, without using CTAB as surfactant. (b) the morphology of the product obtained at pH 4, the concentration of CTAB is 0.2333 mol L⁻¹. (d) the morphology of the product obtained at pH 9, using 1M NaOH solution to adjust the pH of the solution, the concentration of CTAB is 0.0333 mol L⁻¹. The concentrations of Pb²⁺, WO₄²⁻ are 0.0333 mol L⁻¹ initially. The mixed suspension was hydrothermally treated at 160 °C for 12 h.