Supporting Information

One-step hydrothermal preparation of Ce-doped MoO$_3$ nanobelts with enhanced gas sensing properties

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The conversion of \((\text{NH}_4)_6\text{Mo}_7\text{O}_{24} \cdot 4\text{H}_2\text{O}\) during annealing treatment was investigated by Thermogravimetric (TG) and differential scanning calorimetric (DSC) at a program-controlled temperature elevation rate of 10 °C min\(^{-1}\) in air. As shown in Fig. S1, MoO\(_3\) powders can obtained by calcining \((\text{NH}_4)_6\text{Mo}_7\text{O}_{24} \cdot 4\text{H}_2\text{O}\) when the temperature is over 350 °C.