

A facile hydrothermal synthesis of 3D flowerlike CeO₂ via cerium oxalate precursor

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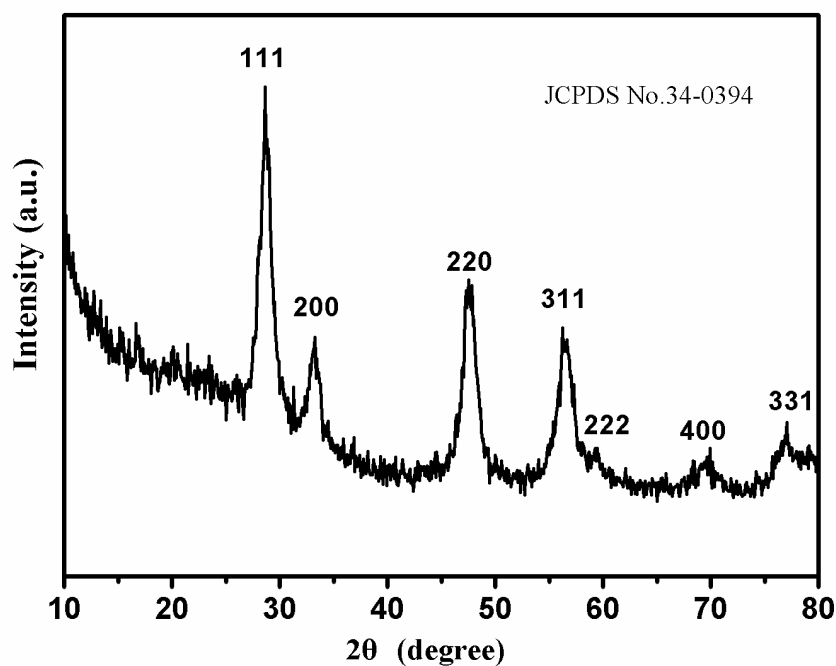


Fig. S1 XRD pattern of the product obtained by the calcination of the cerium oxalate precursor at 300 °C for 1 h.

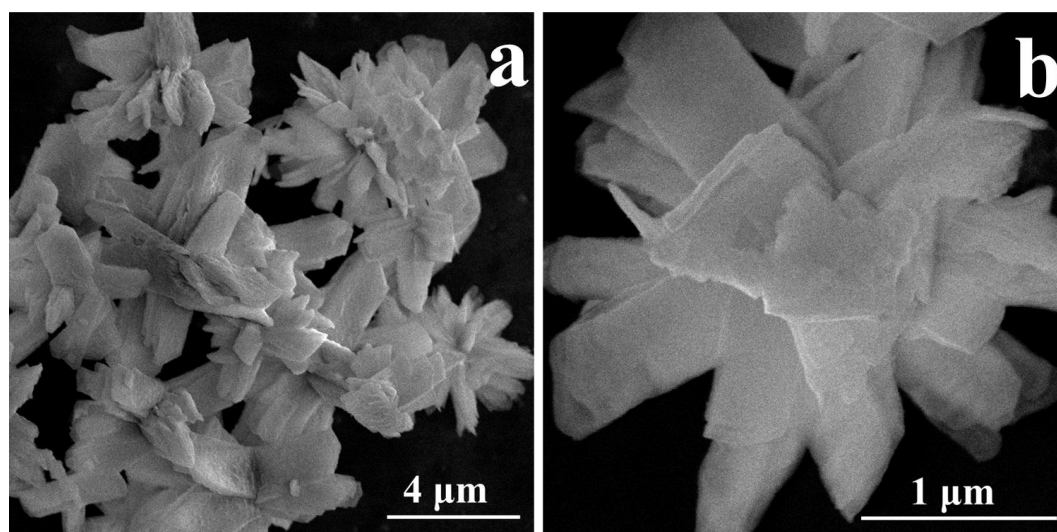


Fig. S2 Representative SEM images of CeO₂ microflowers after calcination method via cerium oxalate precursor: (a) over morphology of the products; (b) SEM image of an single microflower.

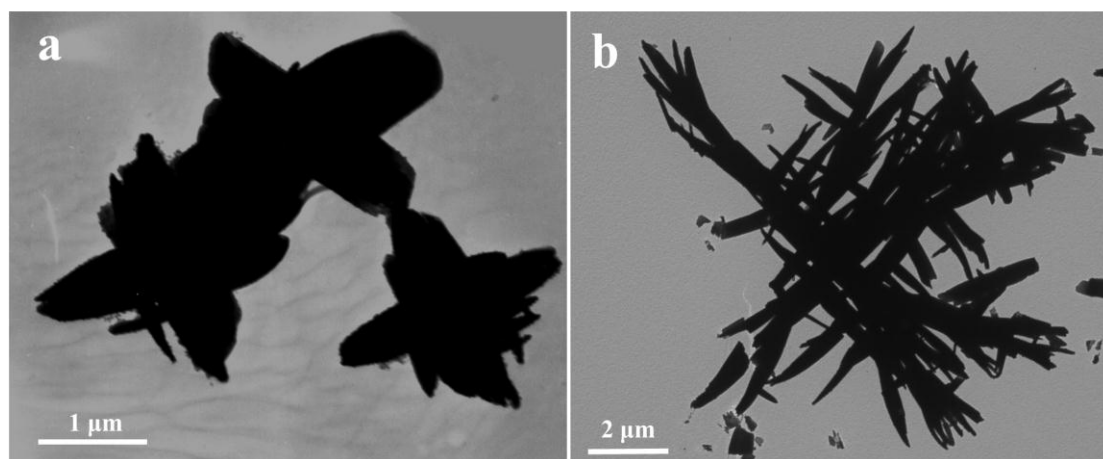


Fig. S3 The TEM images of the products when the dosage of the oxalic acid is 0.16 mmol (a) and 0.64 mmol (b).

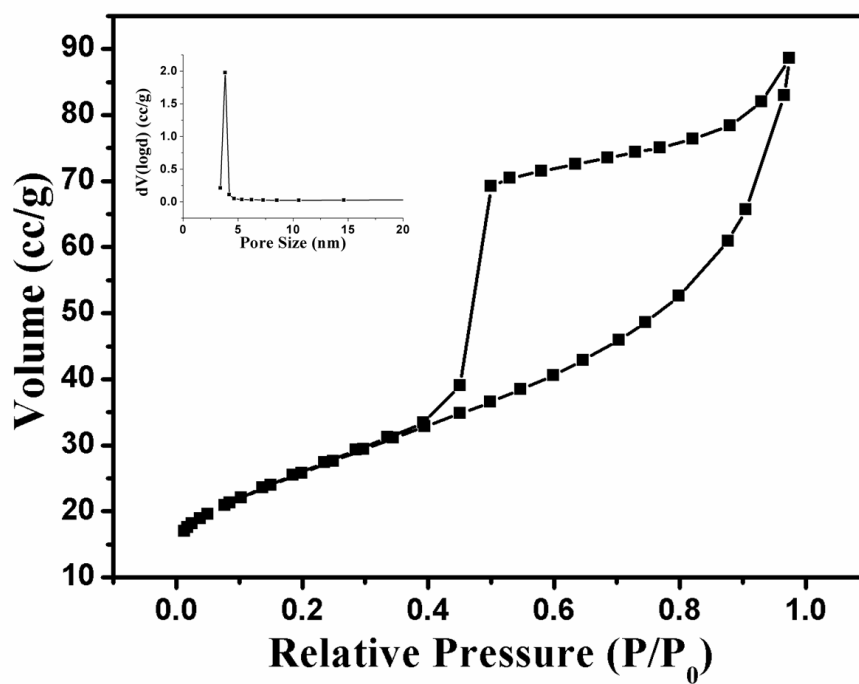


Fig. S4 N₂ adsorption- desorption isotherms of the CeO₂ flowerlike structures after calcination method; inset is the corresponding BJH pore size distribution curve.