## **Supporting information**

## Controlled synthesis of barium chromate multi-layered microdiscs and their photocatalytic activity

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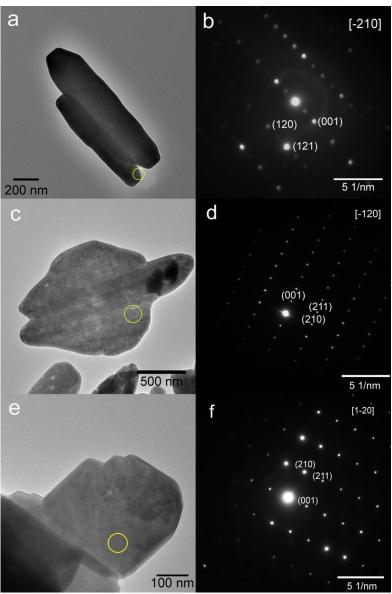


Fig. S1 TEM images and the corresponding SAED patterns of BaCrO<sub>4</sub> obtained under different

 $Ba^{2+}/C_2O_4^{2-}$  molar ratios: (a, b) 1: 0, (c, d) 1: 0.5 and (e, f) 1: 1.

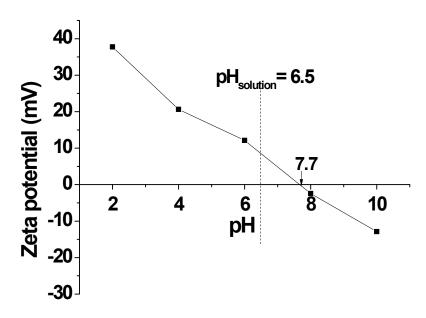


Fig. S2 Zeta potential of BaCrO<sub>4</sub> discs as a function of pH.