

Supporting Information

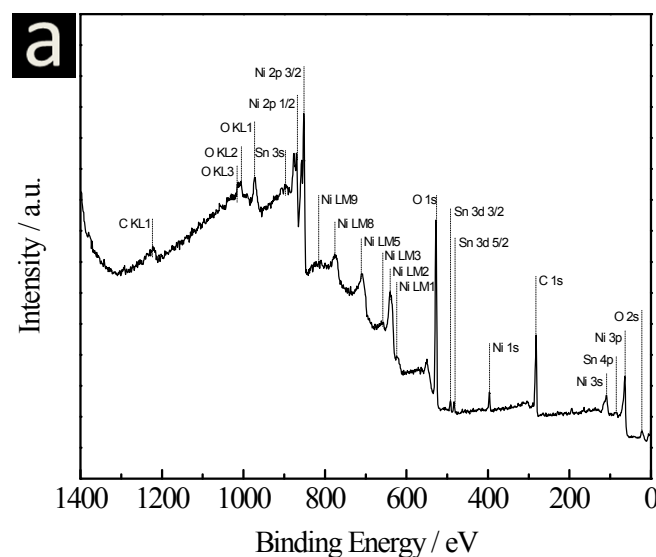
Hierarchical SnO₂@NiO core/shell nanoflake arrays as energy-saving electrochromic materials

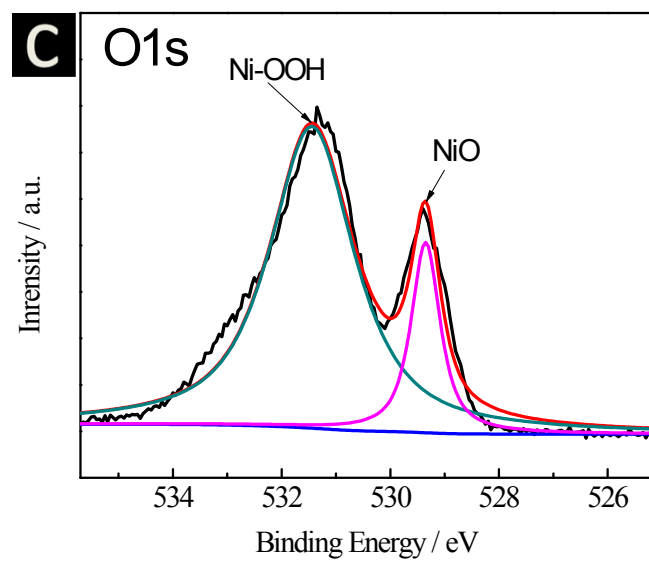
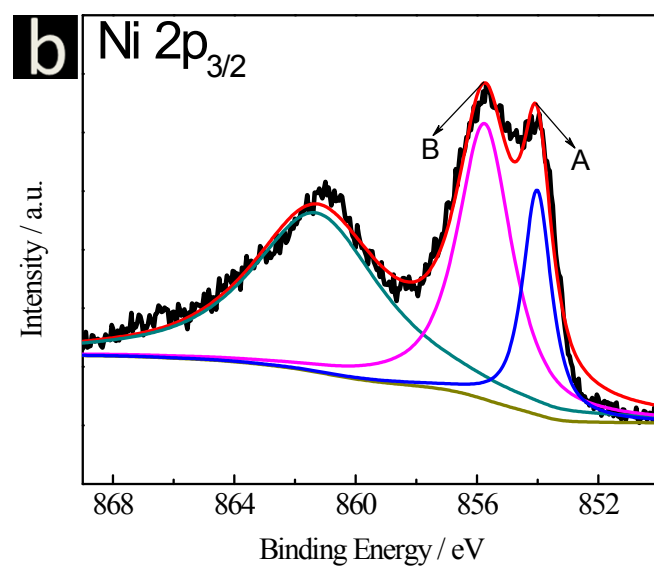
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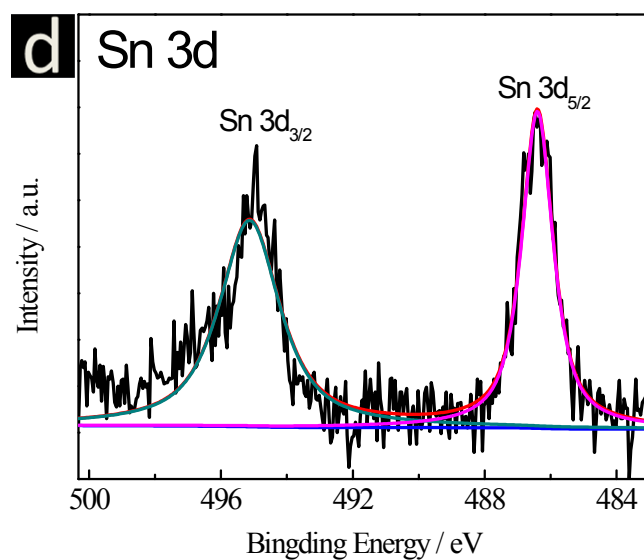


Fig. S1 (a) XPS wide spectrum, (b) Ni 2p_{3/2}, (c) O 1s and (d) Sn 3d XPS spectra of SnO₂@NiO core/shell nanoflake array.

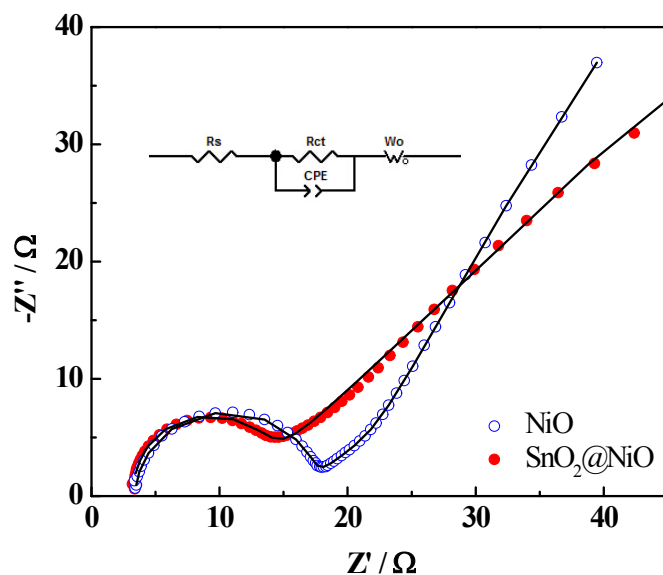


Fig. S2 Nyquist plots of NiO and SnO₂@NiO films electrodes

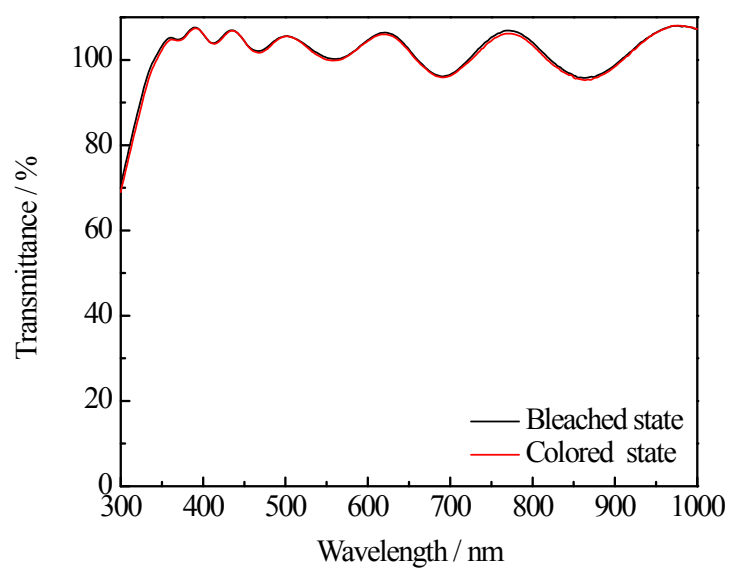


Fig. S3 Optical transmittance spectra of the bare SnO₂ film from 300 to 1000 nm.

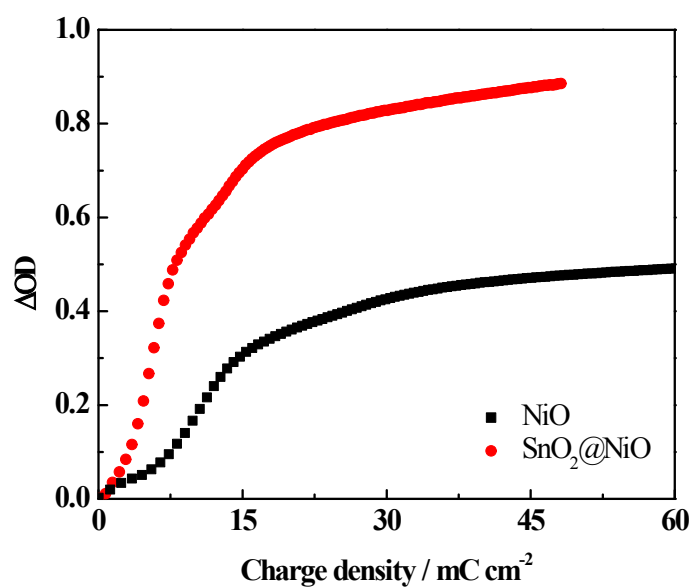


Fig. S4 Variation of the in situ optical density (OD) vs. charge density for the NiO and SnO₂@NiO films at 550 nm.

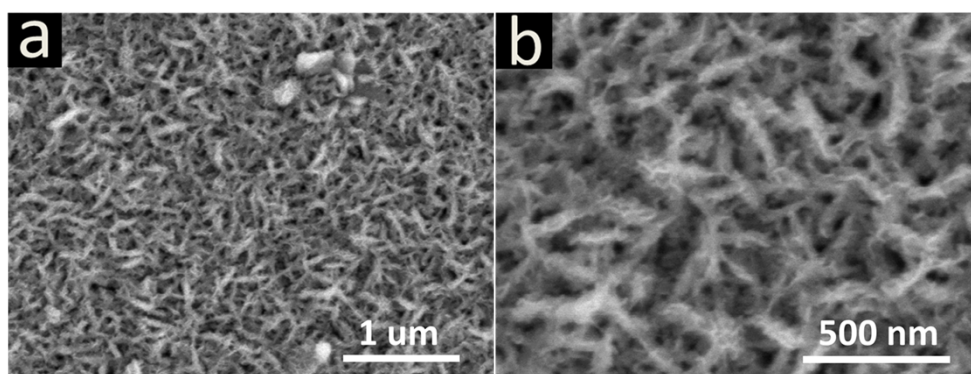


Fig. S5 SEM images of the SnO₂@NiO film after 2200 cycles