

## Electronic Supplementary Information (ESI)

### Effect of Oxygen Vacancies on the Electrochemical Performance of Tin Oxide

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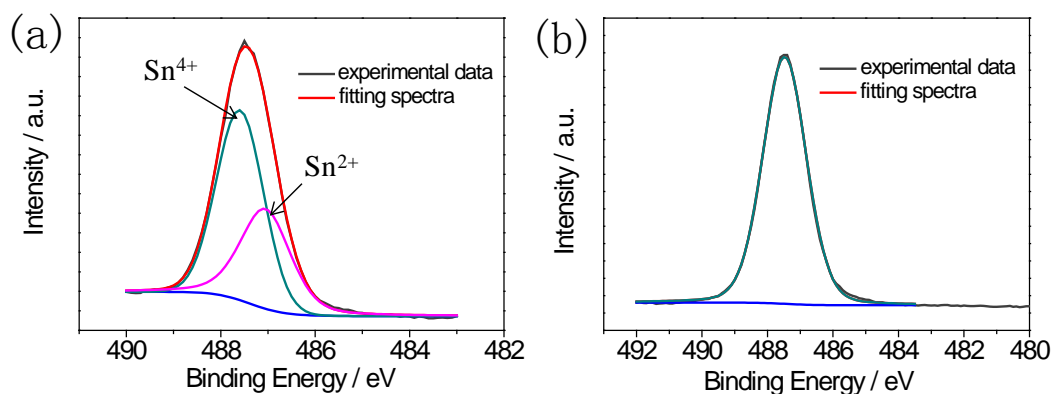


Fig. S1 High-resolution XPS spectra of Sn 3d for (a)  $\text{SnO}_{2-\delta}$  and (b)  $\text{SnO}_2$ .

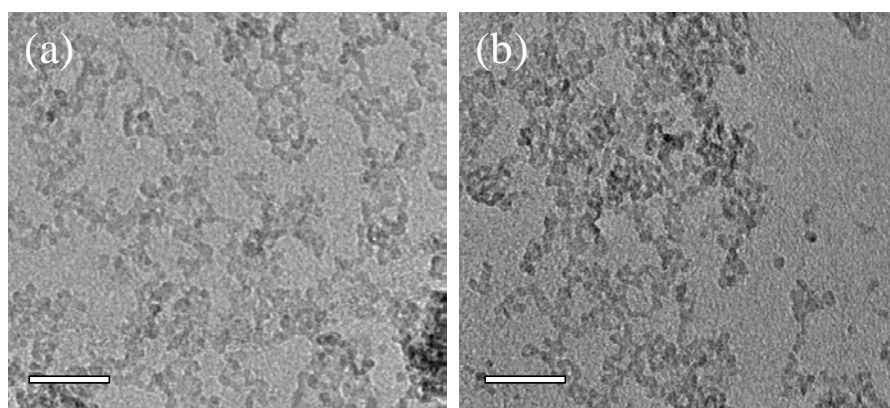


Fig. S2 TEM images of (a)  $\text{SnO}_{2-\delta}$  nanoparticles and (b)  $\text{SnO}_2$  nanoparticles. Scale bar: 20 nm.

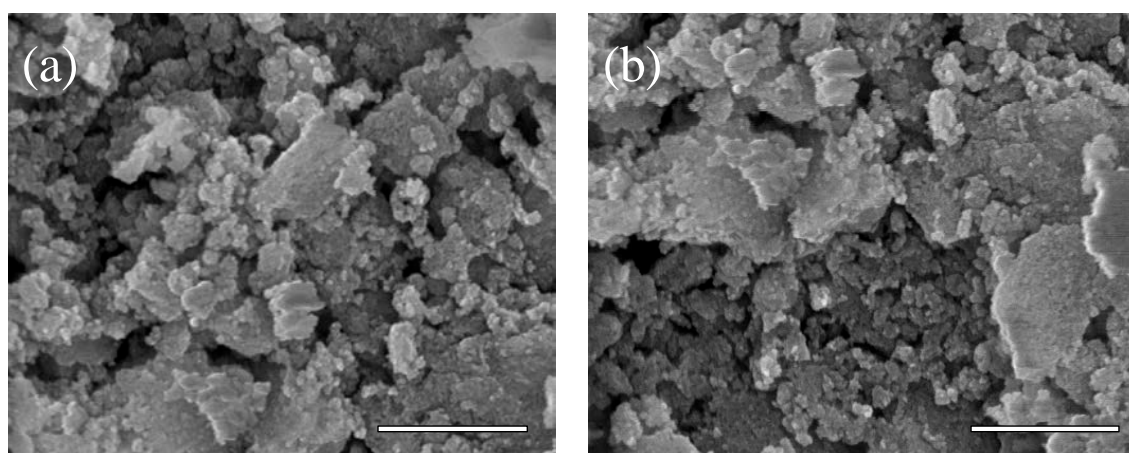


Fig. S3 SEM images of (a)  $\text{SnO}_{2-\delta}$  nanoparticles and (b)  $\text{SnO}_2$  nanoparticles. Scale bar: 500 nm.