Supporting Information

A Novel Strategy to Prepare Pt-SnO_2 Nanocomposite as Highly Efficient Counter Electrode for Dye-Sensitized Solar Cells†

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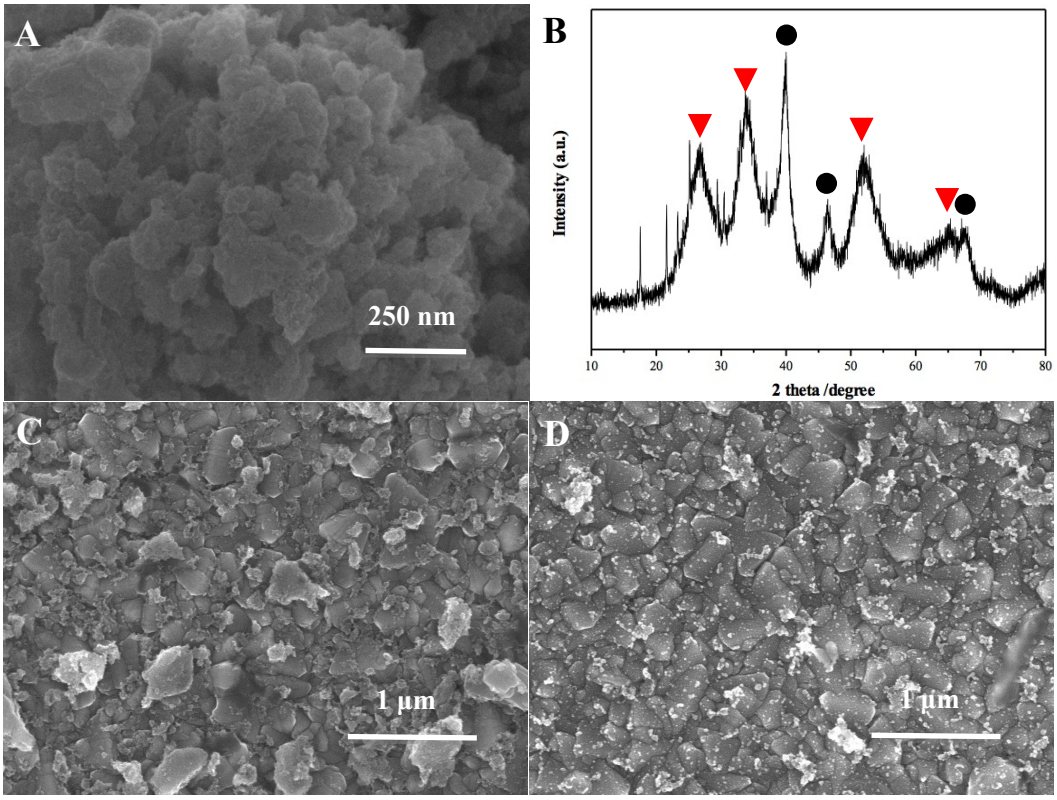

Fig. S1 (A) SEM images of Pt-SnO_2 nanocomposites after annealing at 723 K. **(B)** XRD patterns of Pt-SnO_2 nanocomposites after thermal treatment at 723 K (red triangle: peaks of SnO_2, black circle: peaks of Pt). **(C)** SEM images of Pt-SnO_2 CE on FTO. **(D)** SEM images of Pt CE on FTO.

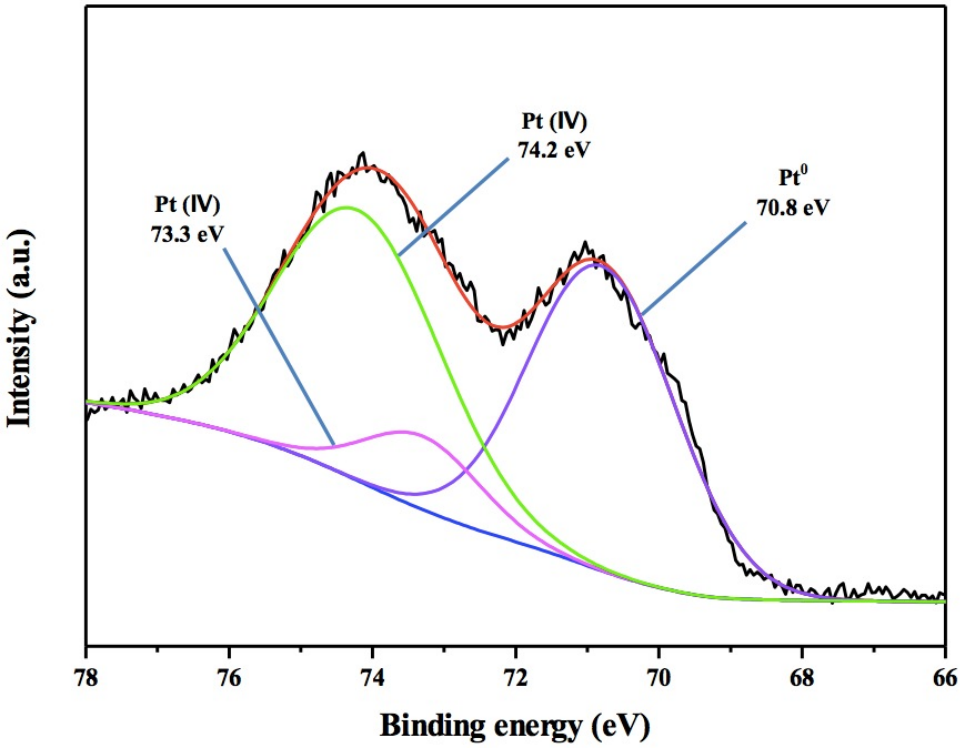

Fig. S2 The Pt4f peaks in the XPS spectra of Pt-SnO_2 nanocomposites after annealing at 723 K.

Table S1 Specific surface area, masses of CE materials and total area of different CEs.

CE	***Specific surface area/ $m^2\ g^{-1}$***	***Mass/ μg***	***Total area/ cm^2***
Pt	10.48	6.0	0.63
Pt/SnO_2	36.96	4.4	1.63