Supporting Information

Novel Zn-Sn-O Nanocactus with Excellent Transport Properties as Photoanode Material for High Performance Dye-Sensitized Solar Cells

Xincun Dou[a],* Nripan Mathews[a], Qing Wang[b], Stevin Snellius Pramana[a], Yeng Ming Lam[a],* Subodh Mhaisalkar[a]

[a]Energy Research Institute @ NTU, School of Materials Science and Engineering, Nanyang Technological University, Singapore 639798. E-mail: xcdou@ntu.edu.sg, YMLam@ntu.edu.sg;

[b]Department of Materials Science and Engineering, NUSNNI-NanoCore, National University of Singapore, Singapore 117576

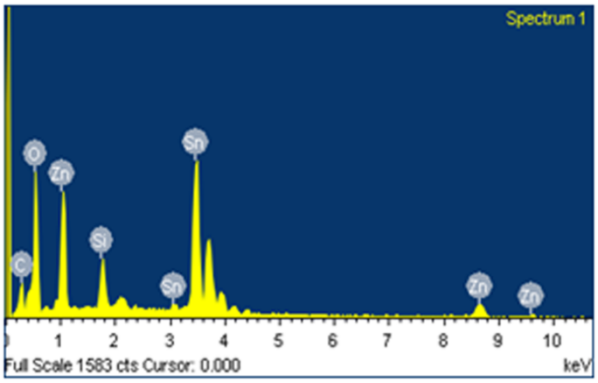

Fig. S1. EDS characterization of the Zn-Sn-O nanocactus (atomic ratio of Zn:Sn is 8.24:10.78).

Table S1. Literature reported short-circuit photocurrent density (J_{sc}), open-circuit photovoltage (V_{oc}), fill factor (FF), overall power conversion efficiency (PCE) for the films consisting of coral-like SnO_2, TiO_2 coated multilayered SnO_2 hollow microspheres, ZnO-SnO_2 composites and Zn_2SnO_4 nanoparticles.

Film	J_{sc} (mA/cm^2)	V_{oc} (V)	FF	PCE (%)	Ref
SnO_2	3.60	0.52	0.56	1.04	[1]
TiO_2-SnO_2	14.6	0.664	0.583	5.65	[2]
ZnO-SnO_2	22.8	0.67	0.5	8	[3]
Zn_2SnO_4	9	0.63	0.65	3.7	[4]

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