

Electronic Supplementary Information (ESI) available for:

Long vertically aligned TiO₂ nanowire arrays with high surface area on transparent conductive glass for highly efficient dye-sensitized solar cells†

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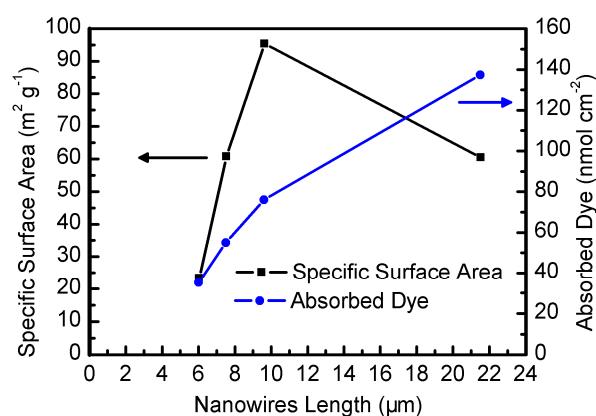


Fig. S1 (a) Specific surface area and dye loading of nanowire films with different thickness. (b) Dye loading of different TiO_2 nanowire films.

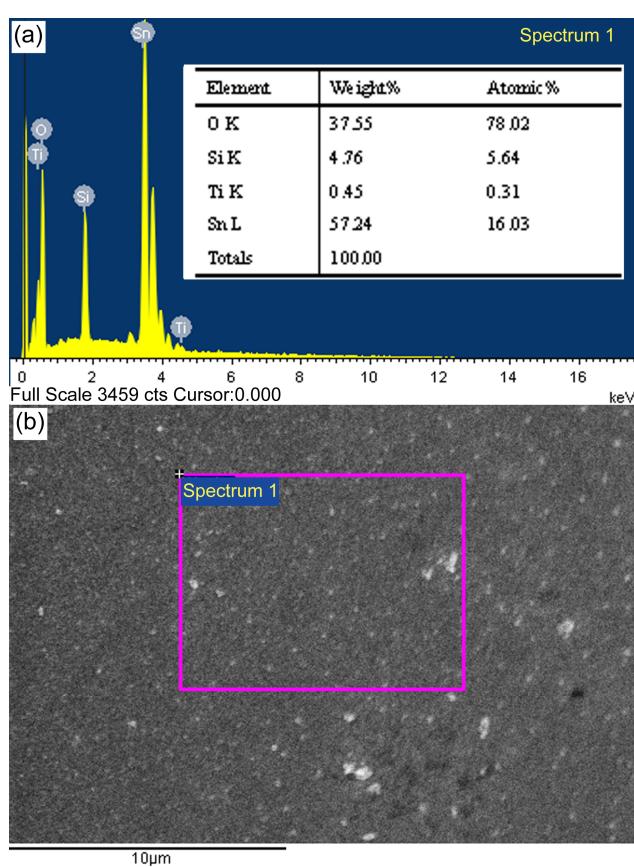


Fig. S2 SEM image and the corresponding energy dispersive X-ray spectrometer spectra of seeded FTO glass. A very thin film of TiO_2 nanoparticles was deposited onto FTO substrates as crystal seeds. The detected Ti and O elements confirm that the TiO_2 nuclei have grown on FTO glass. And other elements such as Si, Sn and O are inferred from FTO glass.