

The influence of 1D, meso- and crystal structures on charge transport and recombination in solid-state dye-sensitized solar cells

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Supporting Information

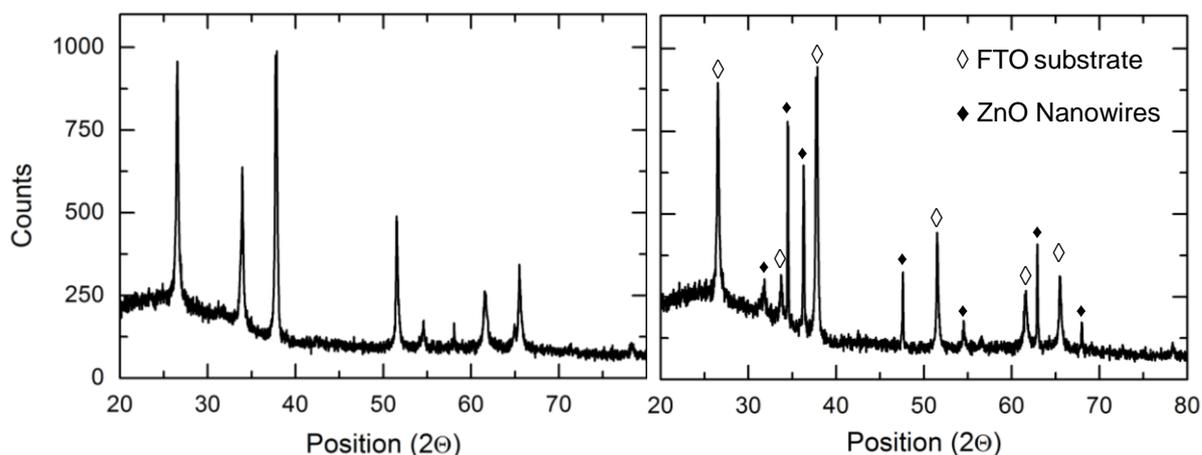


Figure S1. Wide Angle X-Ray diffraction data for SnO₂ nanowire films (left) and ZnO nanowire films (right).

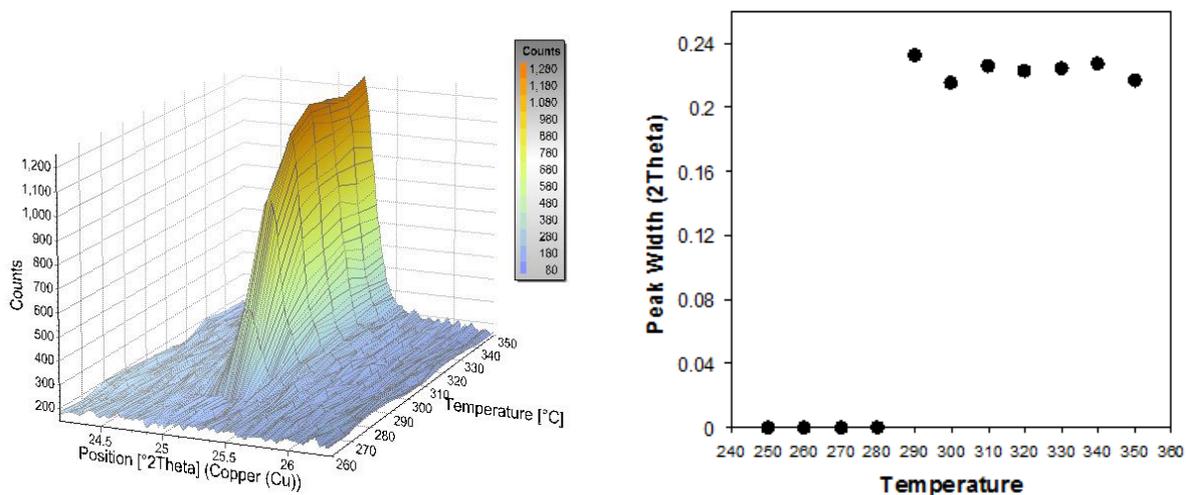


Figure S2. Wide Angle X-Ray diffraction data for a range of sintering temperatures of (left) TiO_2 nanotubes and (right) its corresponding peak width for each temperature.

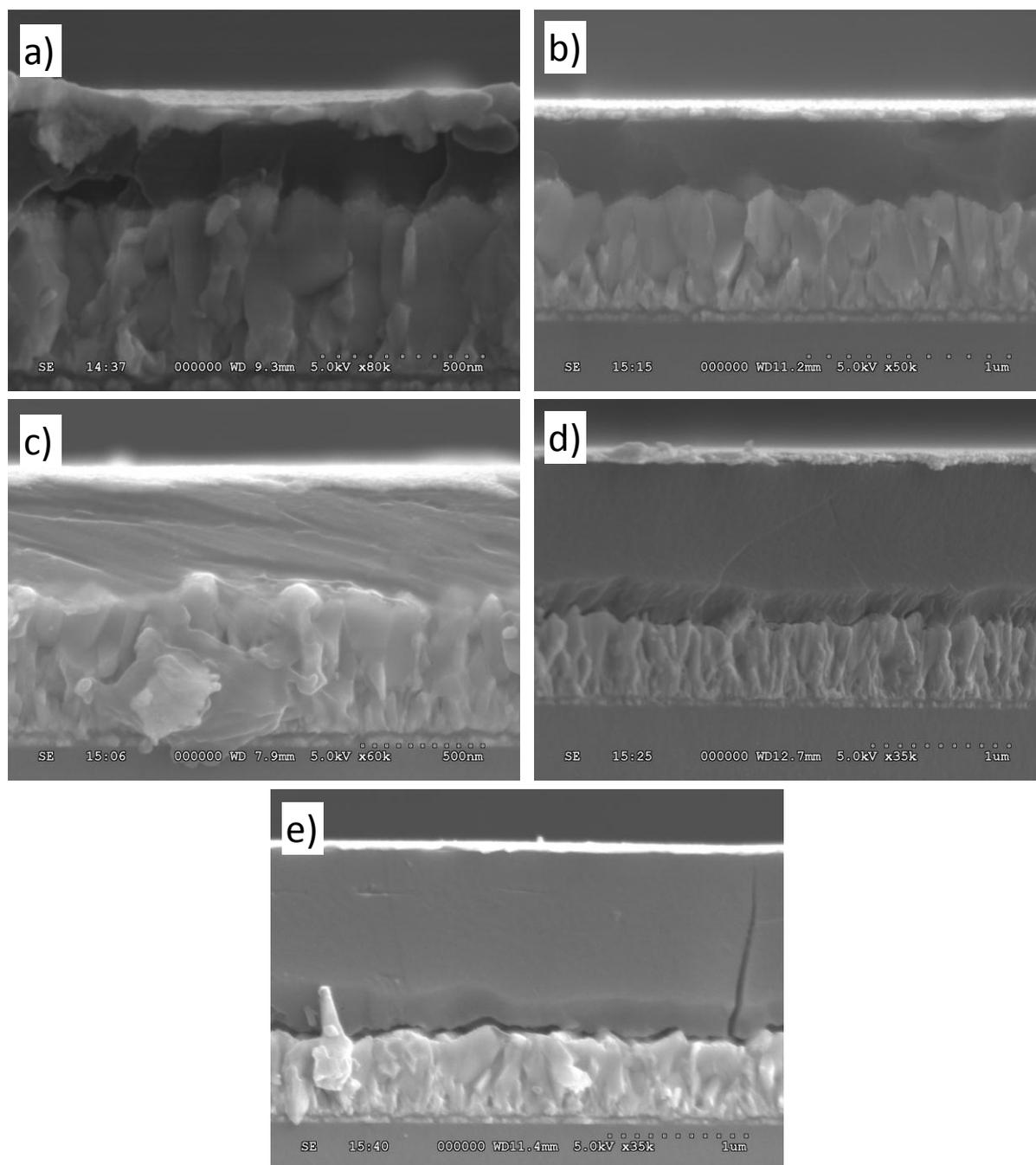


Figure S3. Cross-sectional SEM images of flat dye-sensitized ZnO layers on FTO, covered with a range of increasing spiro concentrations (a) to (e) and capped with a silver cathode.