Electronic Supplementary Material (ESI) for Journal of Materials Chemistry A.

Supporting Information

Three-dimensional conducting oxide hollow nanobead photoanodes: synthesis, characterization, and applications in dye-sensitized solar cells

Fa-Qian Liu, Juan Su, Wei Wang, Wei-Hua Li, Hai-Qing Hu, Lei Wang, and Rong-Xun Li

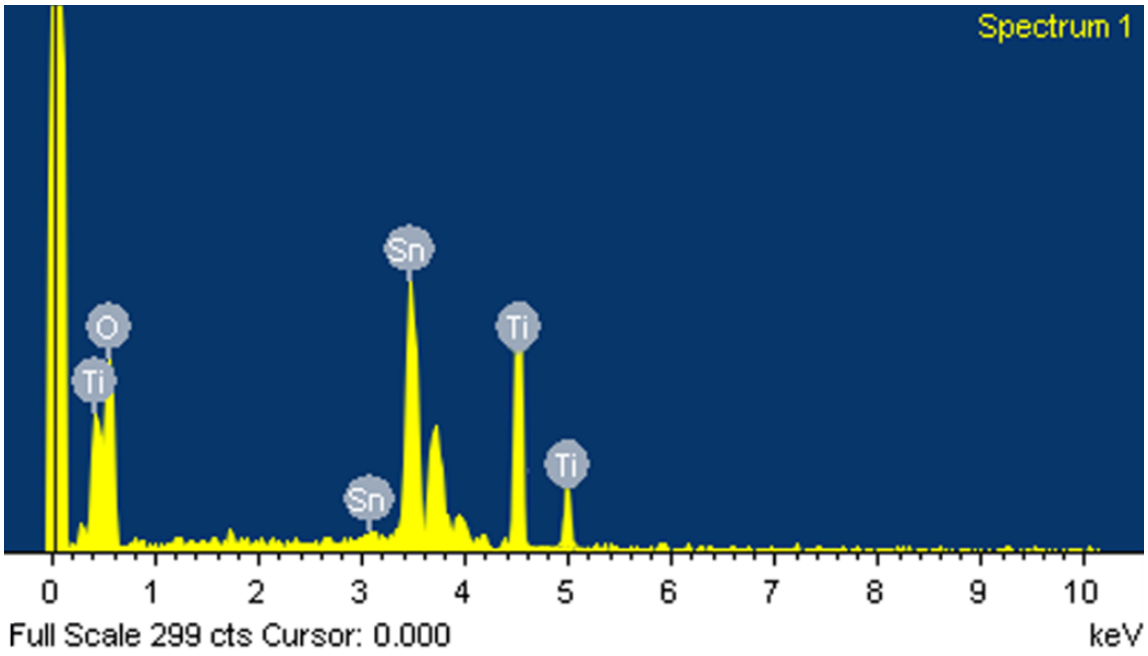

Fig. S1 EDX spectrum of the 3-D FTO photoanode after the coating of TiO_2.

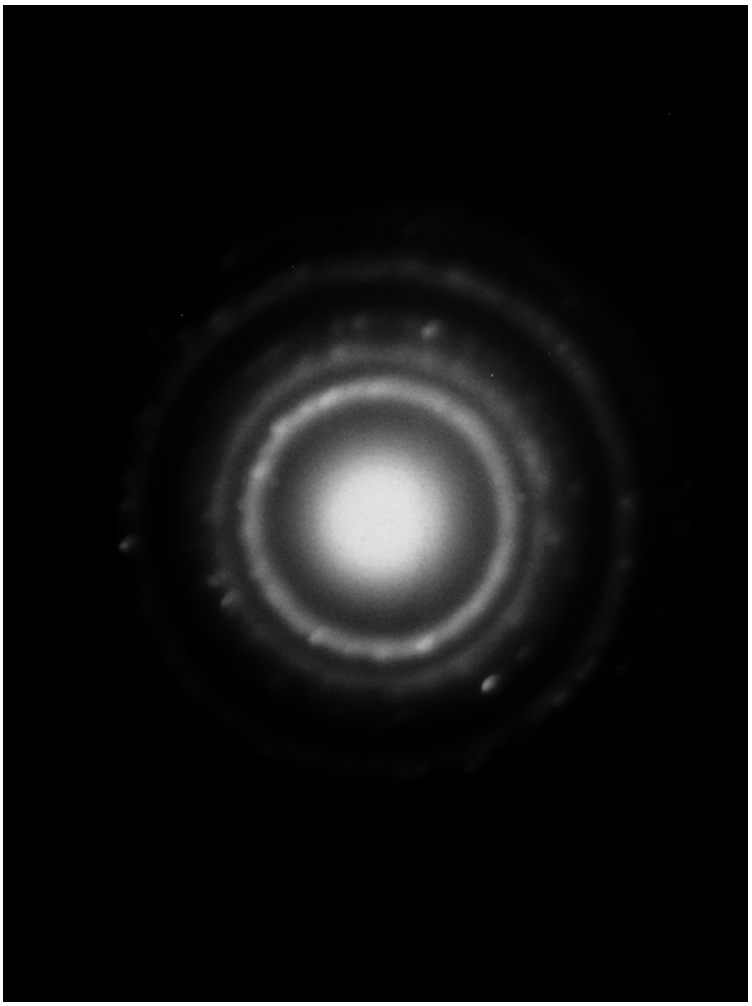

Fig. S2 Electron diffraction ring patterns of the 3-D FTO photoanode after the coating of TiO_2.

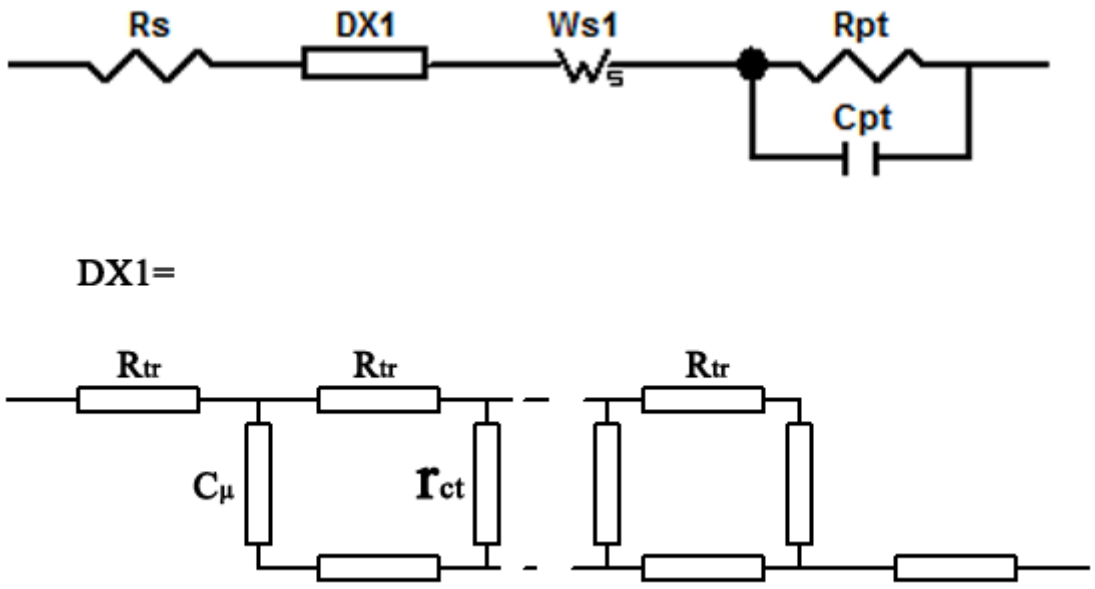

Fig. S3 the equivalent circuit and transmission line model used for the fitting.

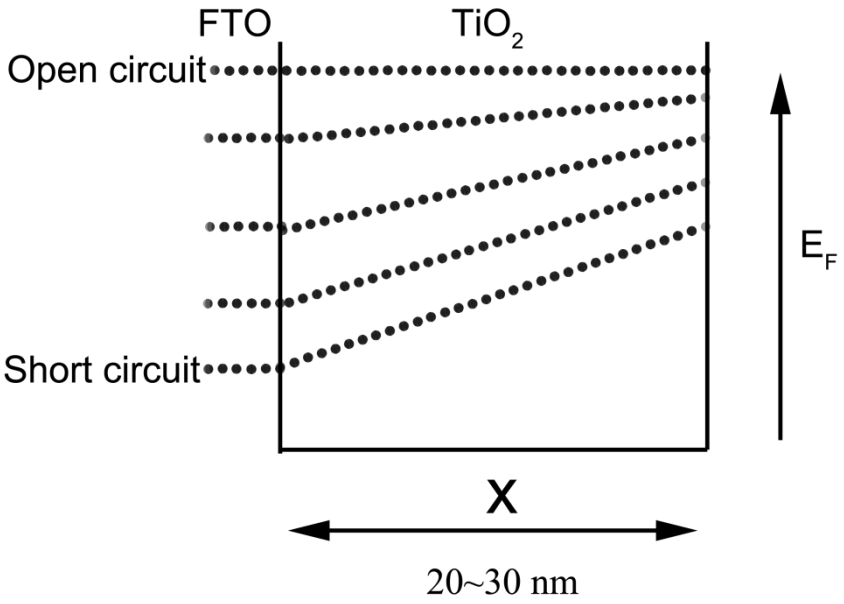

Fig. S4 Fermi level (EF) at TiO_2/FTO interface.