

α -Bi₂O₃ PHOTOANODE IN DSSC AND STUDY OF ELECTRODE- ELECTROLYTE INTERFACE

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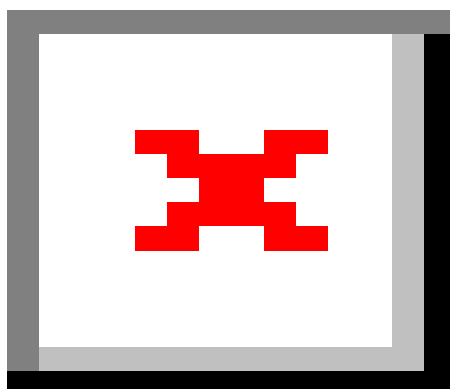


Figure S1. SEM image of bismuth oxide

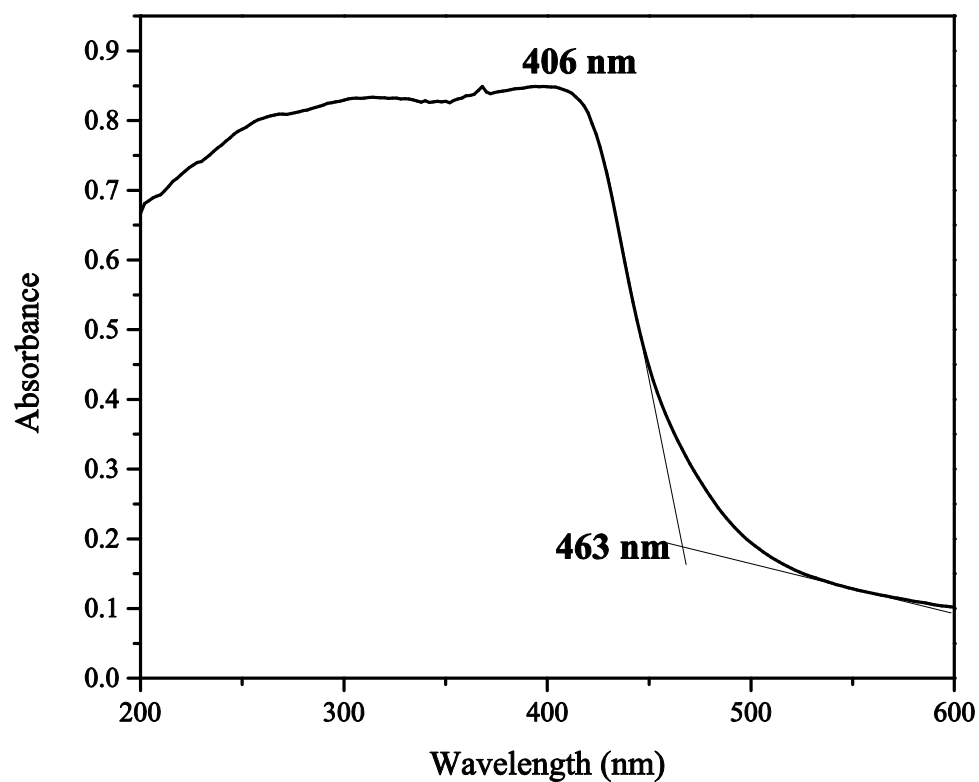


Figure S2. Diffuse reflectance spectrum of bismuth oxide

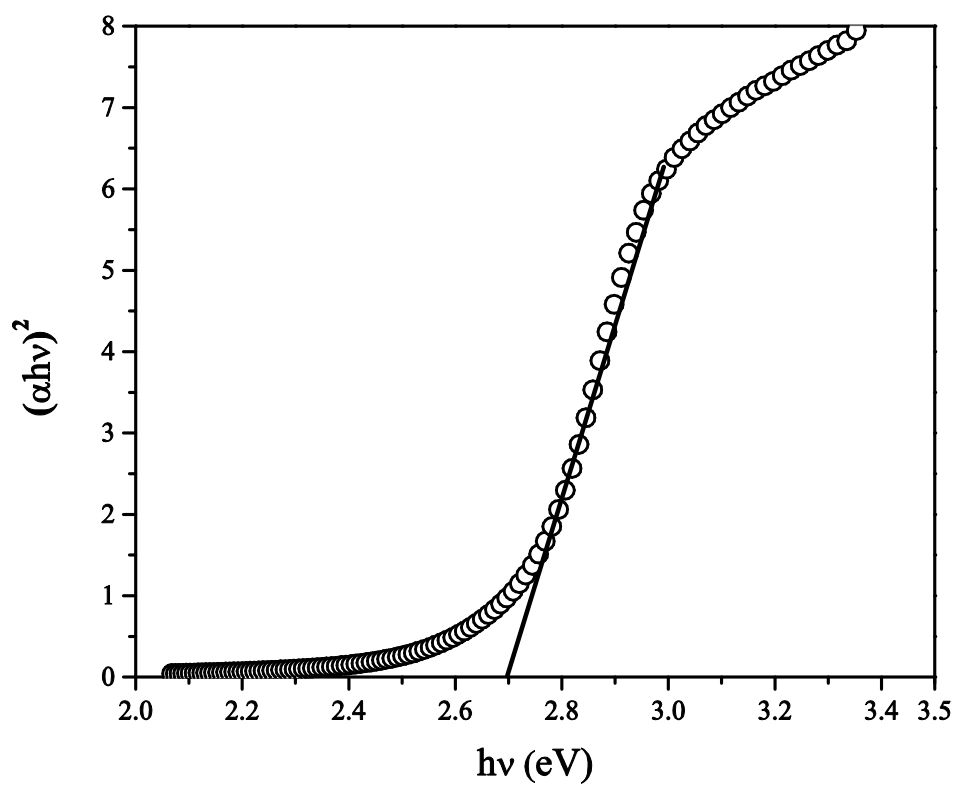


Figure S3. Tauc's plot from diffuse reflectance spectrum

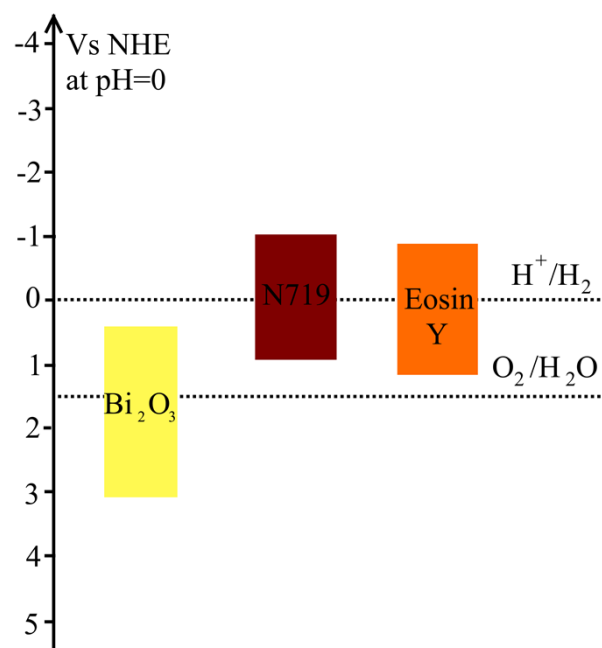


Figure S4. Bandedge diagram of bismuth oxide and dyes (N719 and Eosin Y)

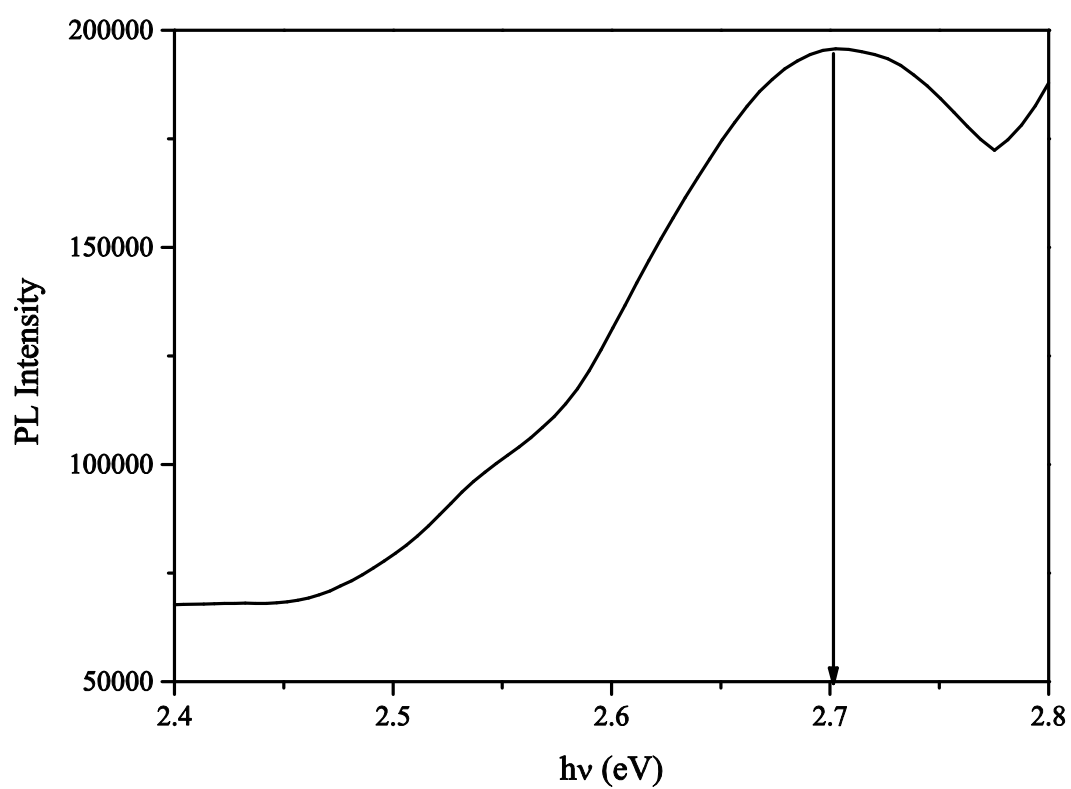


Figure S5. Photoluminescence spectrum of bismuth oxide excited at 416 nm

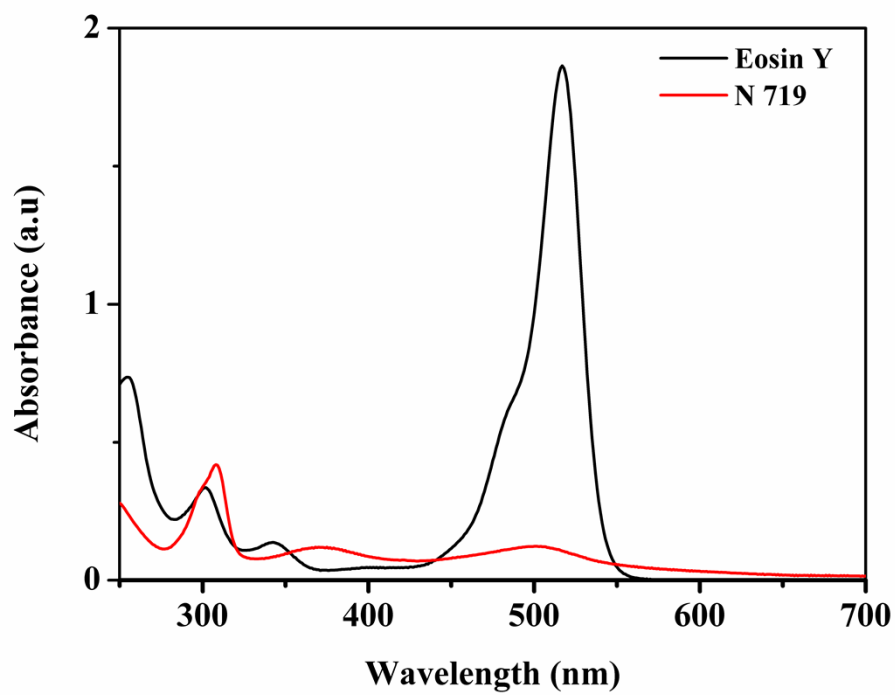


Figure S6. Uv-Vis absorption spectra of Eosin Y and N719 dyes (Concentration is 2 μ M for both).

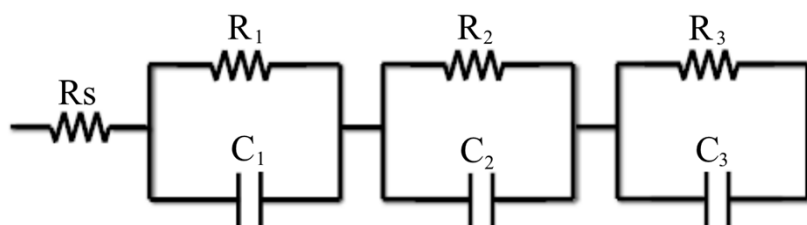


Figure S7. Equivalent circuit of the dye sensitized solar cell