

**Charge Recombination Studies in Conformally Coated
Trifluoroacetate /TiO₂ Modified Dye Sensitized Solar Cells
(DSSC)**

Supplementary Information

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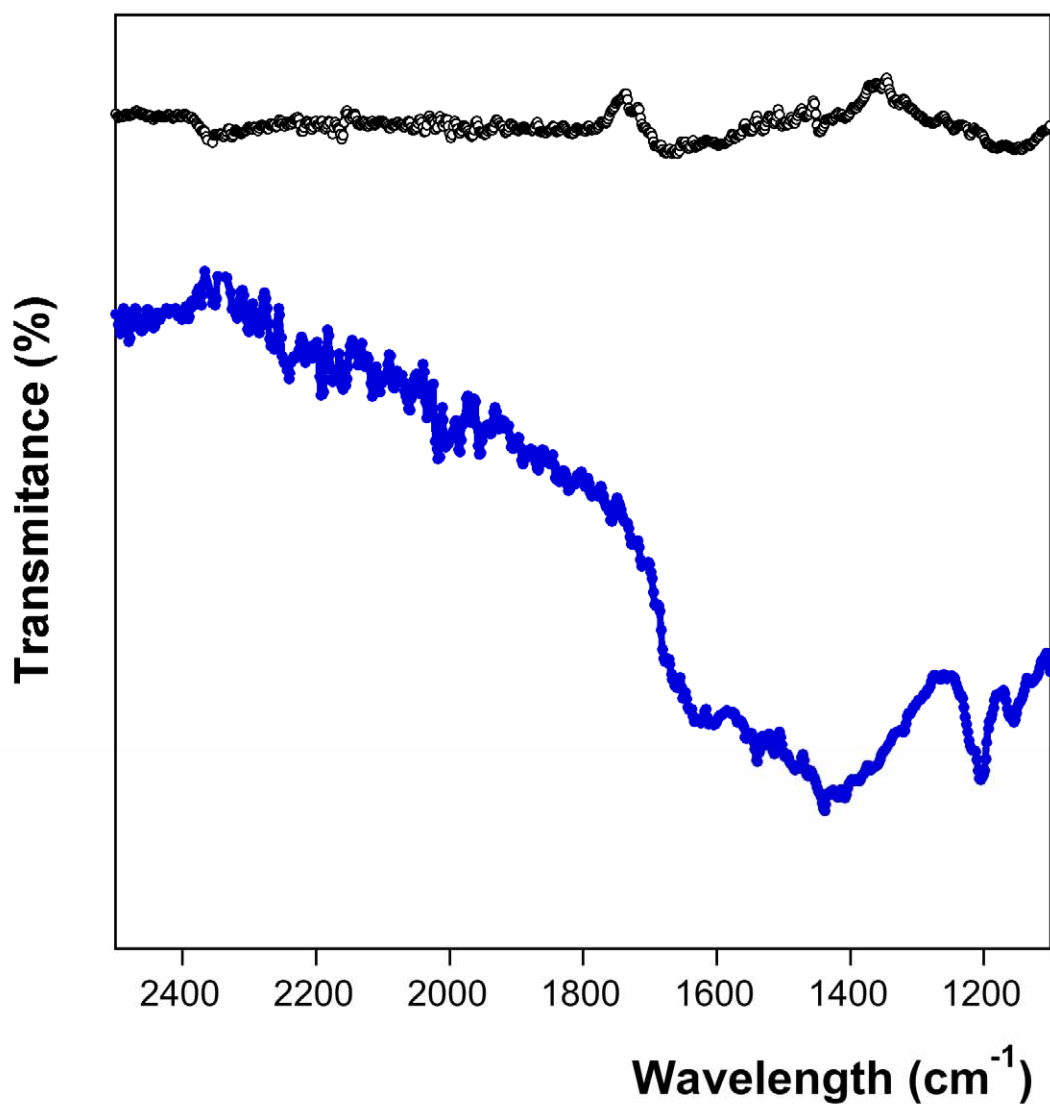


FIG. S1. FT-IR spectra for TiO₂ (black) and TFA-TiO₂ (blue) films. The peaks at 1150 and 1205 cm⁻¹ are assigned to the C-F stretching vibration, while the bands at 1407, 1442 and 1621 cm⁻¹ are characteristic of the stretching of the carbonyl group.