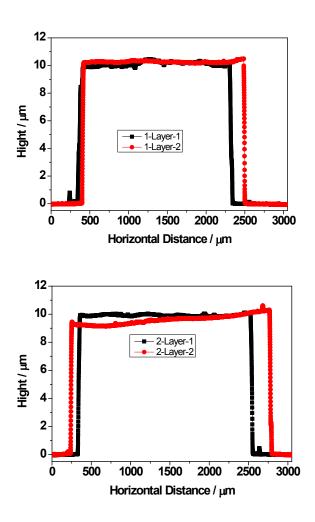
## The Layer Boundary Effect on Multi-Layer Mesoporous TiO<sub>2</sub> Film

## based Dye Sensitized Solar Cells

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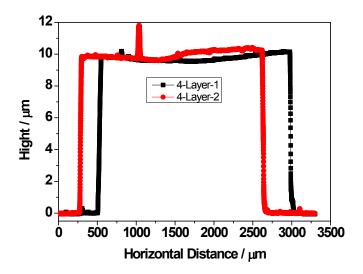


Figure S1. The typical profiler scan curves of the 1-, 2- and 4-layer  $TiO_2$  films. Two samples from each type of  $TiO_2$  films were examined.

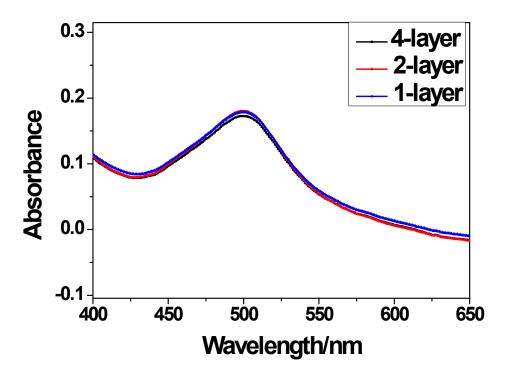


Figure S2. The absorbance of 4mL 0.1 M NaOH dye solution de-absorbed from these 3 different 5.5mm\*5.5mm sized TiO<sub>2</sub> films