

## Supporting Information

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### **TiO<sub>2</sub> Cement for High-Performance Dye-Sensitized Solar Cells**

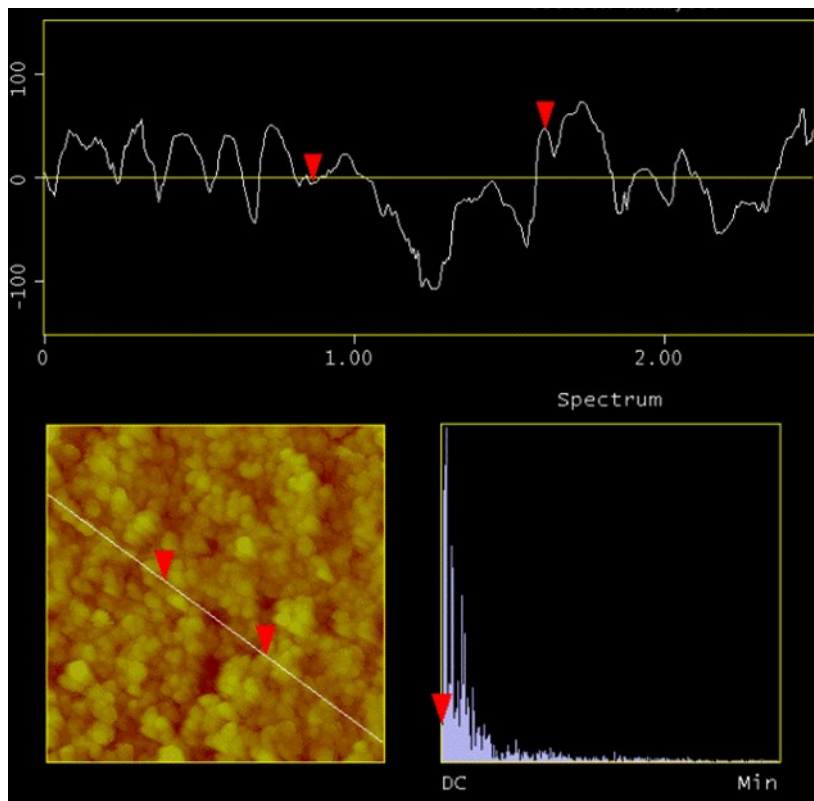
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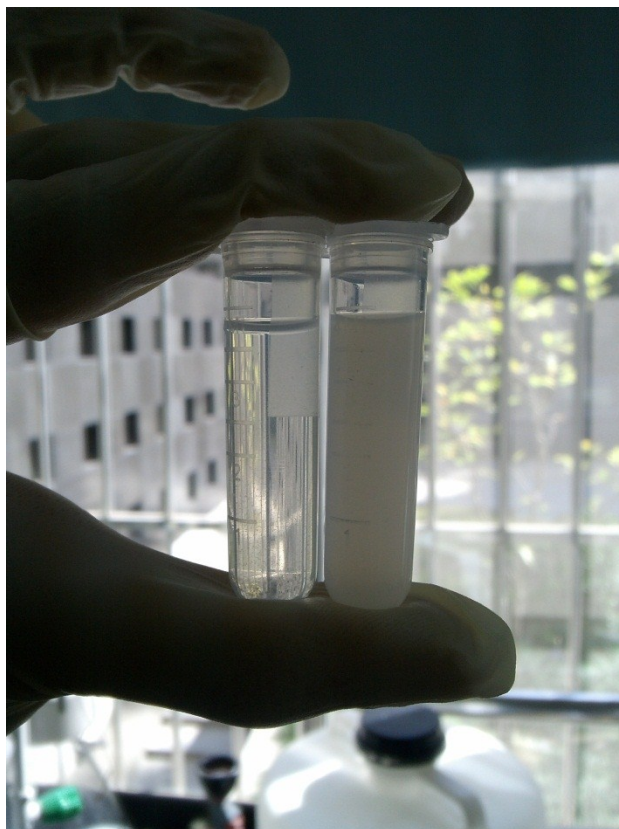
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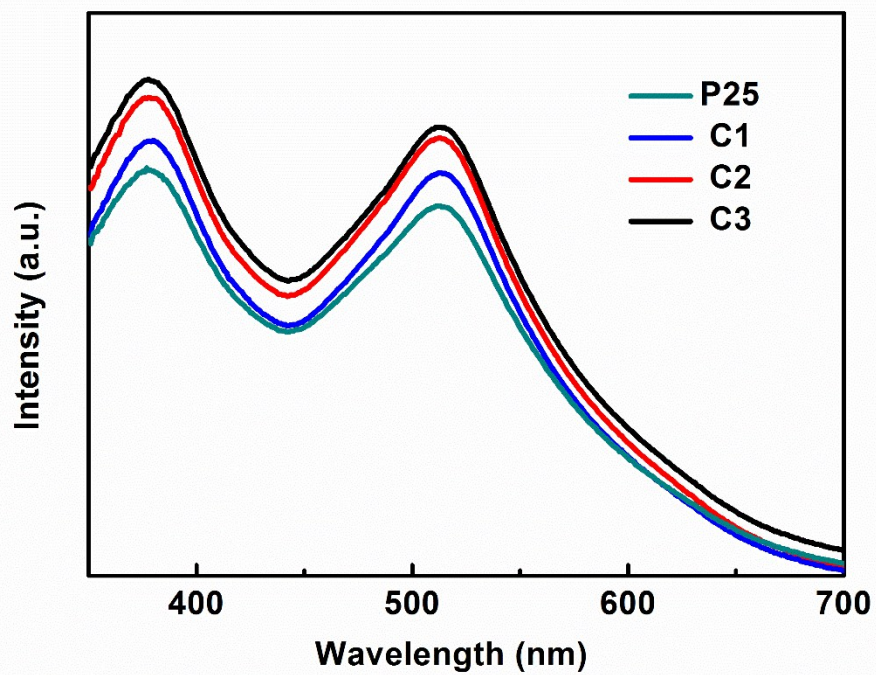
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**Fig. S1** Typical atomic force microscope (AFM) topographic image ( $2\ \mu\text{m} \times 2\ \mu\text{m}$ ) of the as-prepared C3 film.



**Fig. S2** Digital camera image of the sample C2 (left) and P25 (right) after an ultrasonic treatment.



**Fig. S3** UV-vis absorption spectrum of N719 dye absorption on TiO<sub>2</sub> photoanode.