

Supporting information for:

## **Patterned polyaniline encapsulated in titania nanotubes for Electrochromism**

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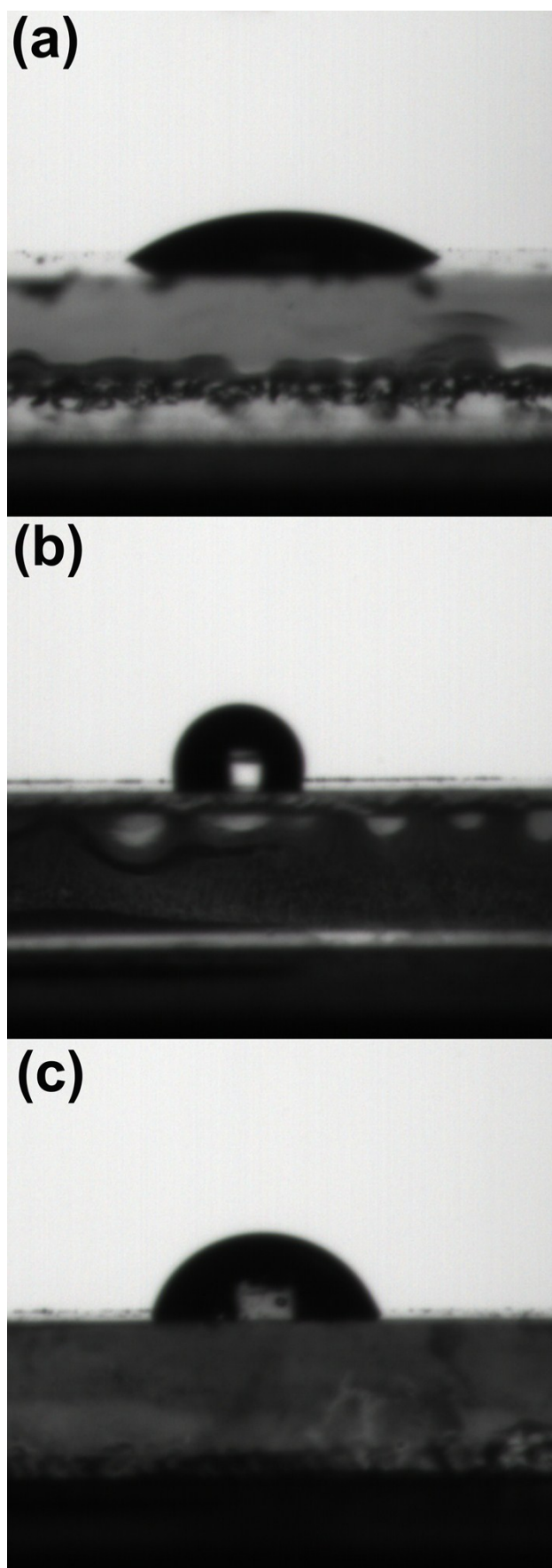
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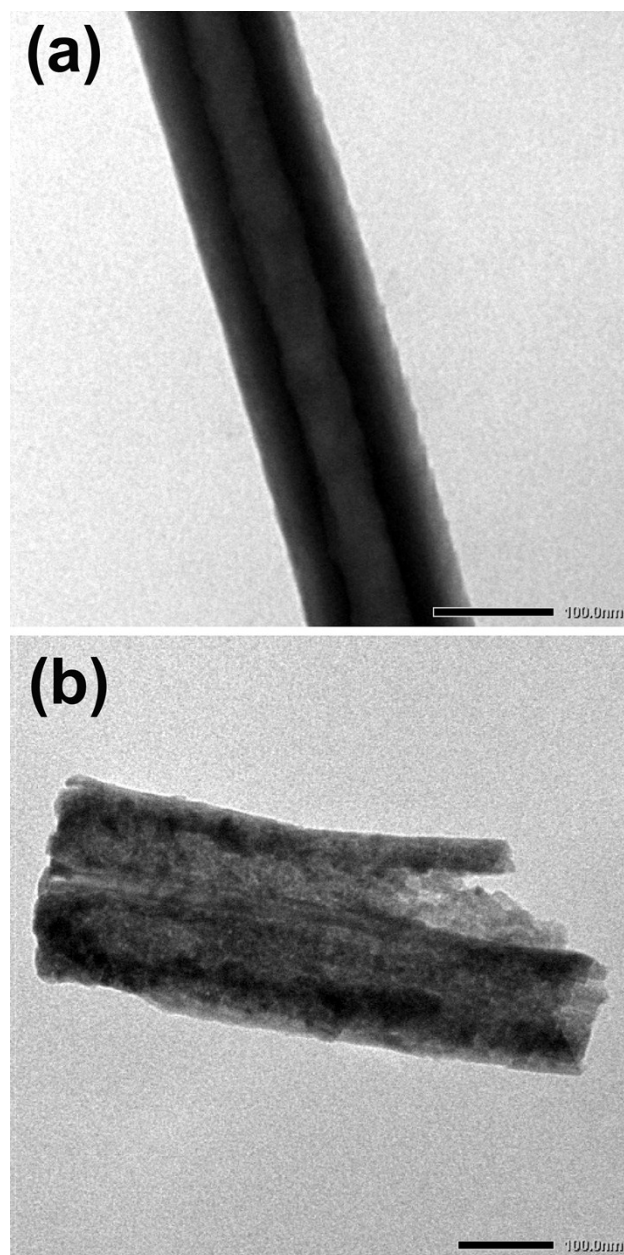
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**Figure S1** Contact angles of (a) the as-prepared, (b) PTES modified  $\text{TiO}_2$  film , and (c)

following UV irradiated (20 min), respectively.



**Figure S2** TEM of (a)  $\text{TiO}_2$  nanotube , and (b)  $\text{TiO}_2/\text{PANI}$ , respectively.