

## Supporting information

### Ordered $R_{TiO_2}@A_{TiO_2}$ Architectures for Dye-Sensitized Solar Cells Applications

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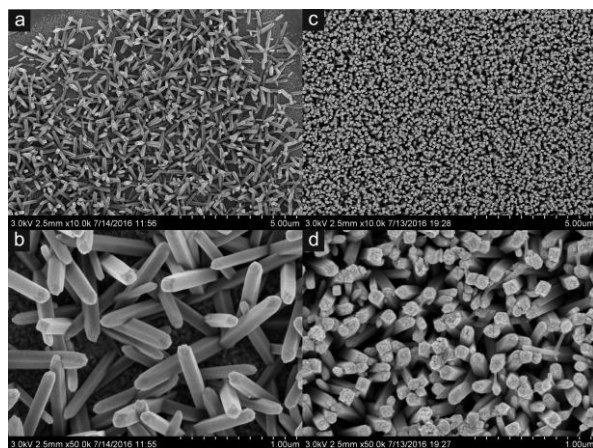
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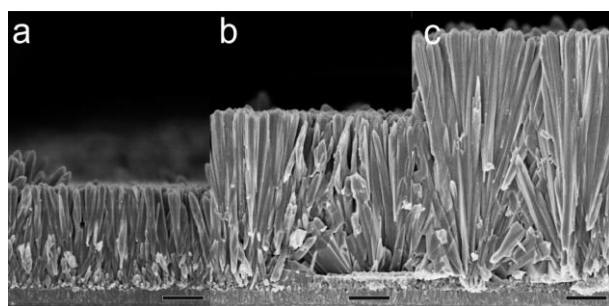
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## 1. Effects of the substrate on the $R_{TiO_2}$ films



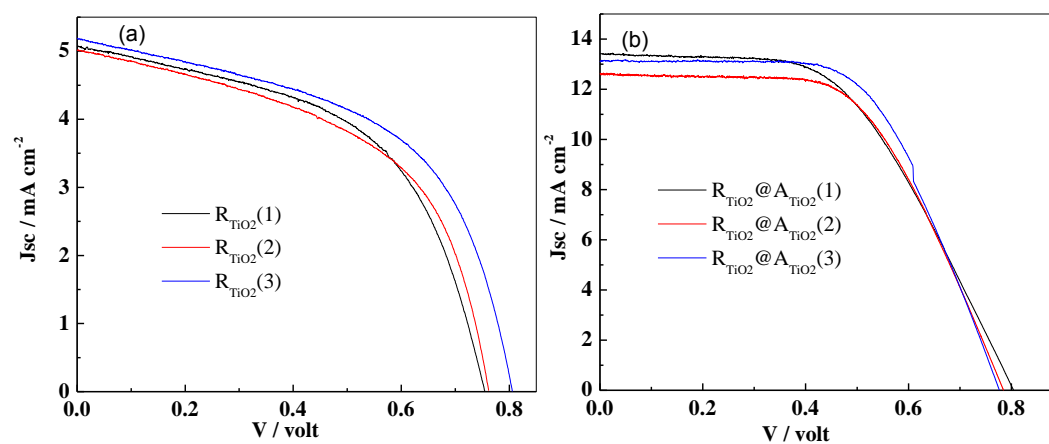
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**Table S1** Photovoltaic performance data and average deviation for the DSSCs based on arrayed  $R_{TiO_2}$  and arrayed  $R_{TiO_2}@A_{TiO_2}$ .

<b>cell</b>	<b><math>J_{sc}</math> (mA/cm<sup>2</sup>)</b>	<b>Voc (V)</b>	<b><math>\eta</math> (%)</b>	<b>average deviation</b>
R <sub>TiO2</sub> (1)	5.01	0.75	2.02	
R <sub>TiO2</sub> (2)	5.02	0.76	1.99	0.09
R <sub>TiO2</sub> (3)	5.18	0.80	2.22	
R <sub>TiO2</sub> @A <sub>TiO2</sub> (1)	13.41	0.80	5.68	
R <sub>TiO2</sub> @A <sub>TiO2</sub> (2)	12.63	0.78	5.69	0.21
R <sub>TiO2</sub> @A <sub>TiO2</sub> (3)	13.12	0.77	6.15	