

## SrTiO<sub>3</sub>/TiO<sub>2</sub> composite electron transport layer for perovskite solar cells

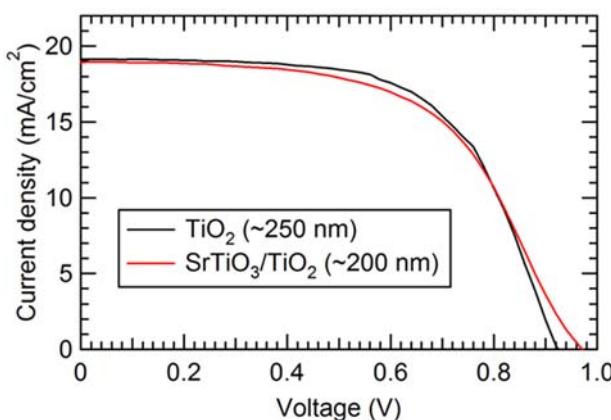
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### Supplement



**Fig. S1** The *J-V* curves of the best performance solar cells for TiO<sub>2</sub> (~250 nm) and SrTiO<sub>3</sub>/TiO<sub>2</sub> (~200 nm)

**Table S1** The *J-V* characteristics of the best performance solar cells for TiO<sub>2</sub> (~250 nm) and SrTiO<sub>3</sub>/TiO<sub>2</sub> (~200 nm)

| Samples   | $J_{SC}$ (mA/cm <sup>2</sup> ) | $V_{OC}$ (V) | FF   | $\eta$ (%) | $R_s$ ( $\Omega$ ) |
|---|--------------------------------|--------------|------|------------|--------------------|
| TiO <sub>2</sub> (~250 nm)                        | 19.1                           | 0.92         | 0.61 | 10.9       | 11.1               |
| SrTiO <sub>3</sub> /TiO <sub>2</sub><br>(~200 nm) | 18.9                           | 0.97         | 0.58 | 10.6       | 18.8               |

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