Correction to: Enhanced performance of mesostructured perovskite solar cells with a composite Sn^{4+} -doped TiO_2 electron transport layer

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Published online: 14 July 2020

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Correction to: Ionics (2019) 25:4509–4516

<https://doi.org/10.1007/s11581-019-02990-x>

Due to our negligence, we made mistakes in several figures.

- (1) Fig. 1c shows an SEM image of Ru-doped TiO_2 -based perovskite, which has been previously published [1] and shall be replaced by the following Fig. 1c for 5% Sn-doped TiO_2 -based perovskite.

Fig. 1 c The top-view SEM image of perovskite film

- (2) Also, wrong XRD patterns of pristine TiO_2 and Sn-doped TiO_2 have been published in Fig. 3a. The correct XRD patterns for several Sn concentrations are presented below.

Fig. 3 a XRD pattern of pristine TiO_2 and Sn^{4+} - TiO_2

The online version of the original article can be found at <https://doi.org/10.1007/s11581-019-02990-x>

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- (3) Wrong fitting data was published in Table 3, the correct data is present below.

Table 3 Fitting results of the Nyquist plot

Sample	R_s (Ω)	R_{rec} (Ω)
Pristine TiO ₂	32.57	600.3
5 mol% Sn-TiO ₂	24.44	269.0

These corrections do not affect the conclusions of the manuscript.

Reference

1. Wang S, Liu B, Zhu Y, Ma Z, Liu B, Miao X, Ma R, Wang C (2018) Enhanced performance of TiO₂-based perovskite solar cells with Ru-doped TiO₂ electron transport layer. Sol Energy 169:335–342

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