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CORRECTION

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Correction: Improved fill factor in inverted planar perovskite solar cells with zirconium acetate as the hole-and-ion-blocking layer

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Correction for 'Improved fill factor in inverted planar perovskite solar cells with zirconium acetate as the hole-and-ion-blocking layer' by Xuewen Zhang *et al.*, *Phys. Chem. Chem. Phys.*, 2018, **20**, 7395–7400.

The authors would like to correct the name of the chemical material investigated in the work from zirconium acetate to zirconium(IV) acetylacetone, which results in the following changes:

(1) The title of the article should be corrected as "Improved fill factor in inverted planar perovskite solar cells with zirconium(IV) acetylacetone as the hole-and-ion-blocking layer".

(2) In the abstract, the sentence "In this work, we used a new buffer layer, zirconium acetate $(Zr(Ac)_4)$." should be amended to "In this work, we used a new buffer layer, zirconium(IV) acetylacetone $(Zr(Acac)_4)$."

(3) $Zr(Ac)_4$ should be changed to $Zr(Acac)_4$ throughout the article.

(4) Fig. 1 should be replaced with the amended figure below showing the correct chemical structure of zirconium(IV) acetylacetone.
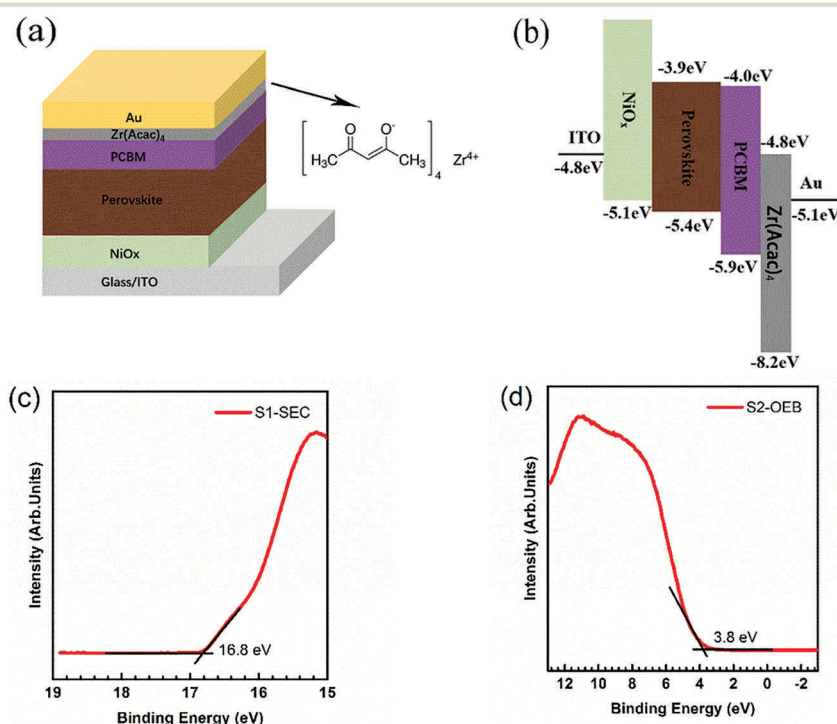

Fig. 1 (a) The architecture of p–i–n perovskite solar cell with $Zr(Acac)_4$ layer. (b) Energy diagram of the device. UPS spectra of $Zr(Acac)_4$ at the secondary electron cutoff (E_{cutoff}) edge (c) and at the onset energy boundary (d).

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

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20732 | *Phys. Chem. Chem. Phys.*, 2018, **20**, 20732

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