Correction: Structural, optical, and electronic studies of wide-bandgap lead halide perovskites

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There are two errors on the second page of this article. The first concerns the sentence “The monotonic trend in the lattice constant, which increases by ~3% from MAPbBr$_3$ to MAPbCl$_3$, confirms the progressive expansion of the unit cell.” which should read “The monotonic trend in the lattice constant, which increases by ~5% from MAPbCl$_3$ to MAPbBr$_3$, confirms the progressive expansion of the unit cell.” The second error concerns the plot in Fig. 1b, the correct version of this figure is as follows:

Fig. 1 (a) X-ray diffraction scans of Pb(Ac)$_2$-based thin films of MAPbBr$_{3-x}$Cl$_x$ (continuous lines) on fluorine-doped tin oxide (FTO). Shaded area: background signal from a pure FTO substrate (corresponding peaks are marked with a star). Inset: magnified view of the (100) diffraction peak. (b) Evolution of the lattice parameter and Br-3d peak intensity vs. x. (c) XRD pattern of PbCl$_2$-based MAPbCl$_3$ over time, demonstrating structural stability of pure-Cl films in ambient conditions. The bottom bars mark the angular position of the powder XRD peaks in PbCl$_2$.

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

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