Journal of
Materials Chemistry C

CORRECTION

Cite this: *J. Mater. Chem. C*, 2016, **4**, 5864

Correction: Design of noncentrosymmetric perovskites from centric and acentric basic building units

Joshua Young,[ab] Parth Lalkiya[b] and James M. Rondinelli*[b]

DOI: 10.1039/c6tc90107g

www.rsc.org/MaterialsC

Correction for 'Design of noncentrosymmetric perovskites from centric and acentric basic building units' by Joshua Young *et al.*, *J. Mater. Chem. C*, 2016, **4**, 4016–4027.

There is a minor typographical error in this paper that does not affect the obtained results or conclusions. The main text on the fifth page of the manuscript (page 4020) incorrectly identifies the $Pmc2_1$ space group as only polar, when in fact it is *both* polar and second harmonic active. This error can be corrected by replacing the sentence:

"As an illustrative example, consider layered *A*-sites (along the [001], [010], and [100] directions) in addition to an $a^+b^-b^-$ rotational pattern; this combination only results in one distinct centrosymmetric and one distinct polar space group (the aforementioned $P2_1/m$ and $Pmc2_1$, respectively), despite the fact that this combination represents three crystal structures."

with the sentence:

"As an illustrative example, consider layered *A*-sites (along the [001], [010], and [100] directions) in addition to an $a^-a^-a^-$ rotational pattern; this combination only results in one distinct centrosymmetric space group ($R\bar{3}c$), despite the fact that this combination represents three crystal structures."

This detail was also missing in Fig. 8 on page 4021, which has been updated accordingly and should appear as below.

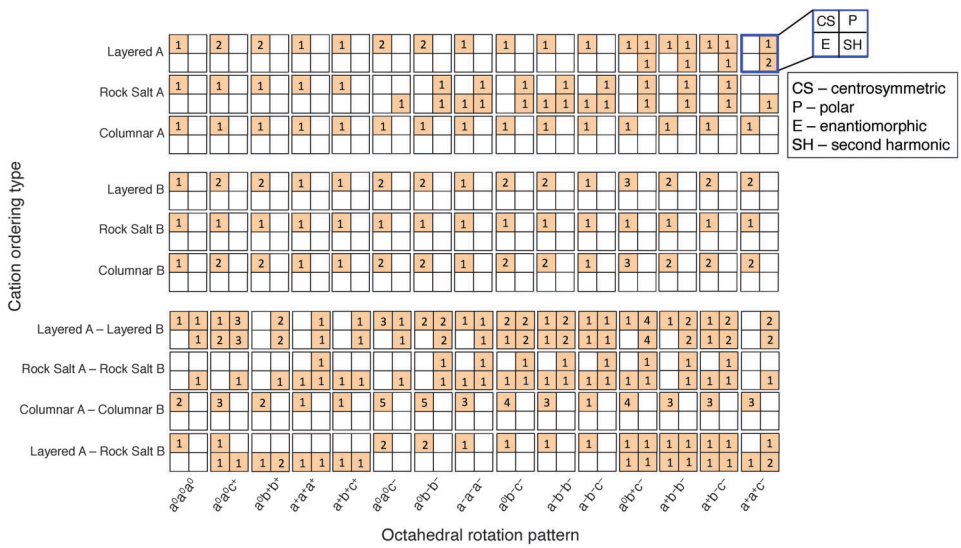

Fig. 8 Summary of space groups produced when A-, B-, and mixed A- and B-cation orderings along various directions are combined with the 15 Glazer rotation patterns. Each combination results in a different frequency of occurrence in centrosymmetric (CS), polar (P), enantiomorphic (E), and second harmonic (SH) active structures. The numbers within each box represent the number of distinct space groups of a given type produced by an ordering–rotation combination.

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

[a] *Department of Materials Science and Engineering, Drexel University, Philadelphia, PA 19104, USA*
[b] *Department of Materials Science and Engineering, Northwestern University, Evanston, IL 60208, USA. E-mail: jrondinelli@northwestern.edu*