

CORRECTION

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DOI: 10.1039/d4ta90235a

rsc.li/materials-aCorrection for 'Atomic-scale structure and thermoelectric properties in medium-entropy PbSnTeSe alloy' by Shuwei Zhang *et al.*, *J. Mater. Chem. A*, 2024, <https://doi.org/10.1039/D4TA05952B>.

The authors regret that some of the alloy chemical formulae in the published article contained unintended errors. The details are as described below.

The formula ' $\text{PbSn}_{0.98}\text{Cu}_{0.04}\text{PbSe}$ ' should have been written as ' $\text{PbSn}_{0.98}\text{Cu}_{0.04}\text{TeSe}$ '. This error was present in the following locations:

- Three instances in the Abstract, in the sentences beginning 'Furthermore, through progressive optimisation...' and 'Consequently, a ZT value...'

- Two instances in the final sentence of the Introduction, which begins 'Consequently, the carrier mobility...'

- One instance in the Conclusions, in the sentence beginning 'Subsequently, by introducing additional Sn vacancies...'

Additionally, the formula ' $\text{PbSn}_{0.98}\text{Cu}_{0.04}\text{TeSe}$ ' was incorrectly used in place of ' $\text{PbSnCu}_{0.04}\text{TeSe}$ ' in one sentence in Section 3.5, which begins 'Meanwhile, a p–n convert can be observed...'

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

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