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Correction: Atomic-scale structure and thermoelectric properties in medium-entropy PbSnTeSe alloy

Shuwei Zhang,^{ab} Liqing Xu,^{*b} Xinxiu Cheng,^a Wei Liu,^a Zhanxiang Yin,^b Xiangdong Ding,^a Xiang Gao,^d Tao Hong^{*c} and Yu Xiao^{*b}

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Correction 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 'PbSn_{0.98}Cu_{0.04}PbSe' should have been written as 'PbSn_{0.98}Cu_{0.04}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 'PbSn_{0.98}Cu_{0.04}TeSe' was incorrectly used in place of 'PbSnCu_{0.04}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.

^aState Key Laboratory for Mechanical Behavior of Materials, Xi'an Jiaotong University, Xi'an 710049, China

^bSchool of Materials and Energy, University of Electronic Science and Technology of China, Chengdu 611731, China. E-mail: Xuliqing@stu.xjtu.edu.cn; xiaoyu@uestc.edu.cn

^cSchool of Materials Science and Engineering, Beihang University, Beijing 100191, China. E-mail: hongtao77@buaa.edu.cn

^dCenter for High Pressure Science and Technology Advanced Research (HPSTAR), Beijing 100094, China

