## **PCCP**



## CORRECTION

**View Article Online** 



Cite this: Phys. Chem. Chem. Phys., 2025, 27, 16264

## Correction: Superconductivity and high hardness in scandium-borides under pressure

Xiangru Tao, Aigin Yang, Yundi Quan\* and Peng Zhang\*

Correction for 'Superconductivity and high hardness in scandium-borides under pressure' by Xiangru Tao et al., Phys. Chem. Chem. Phys., 2025, 27, 3023-3031, https://doi.org/10.1039/D4CP03740E.

DOI: 10.1039/d5cp90106e

rsc.li/pccp

There are some typographic errors in column 4, rows 3 and 5 of Table 2. The correct version of Table 2 is shown below. All analyses and conclusions in the original study were derived from the correct dataset, hence the conclusions and their validity remain unaffected.

Table 2 The Vickers hardness values of scandium-borides  $Sc_8B$  ( $R\overline{3}$ ),  $ScB_4$  (C2/m),  $ScB_{14}$  ( $Pm\overline{3}$ ) and  $ScB_{15}$  ( $P4_1$ ) at ambient pressure

Formula	Space group	${H_{ m v,Chen}}^{58}~{ m (GPa)}$	$H_{ m v,Tian}^{59}$ (GPa)
Sc <sub>8</sub> B	R3	5.3	6.0
$ScB_4$	C2/m	25.5	24.9
$ScB_{14}$	$Pm\bar{3}$	11.7	12.6
$\begin{array}{l} Sc_8B \\ ScB_4 \\ ScB_{14} \\ ScB_{15} \end{array}$	$P4_1$	40.2	38.6

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

MOE Key Laboratory for Non-equilibrium Synthesis and Modulation of Condensed Matter, Shaanxi Province Key Laboratory of Advanced Functional Materials and Mesoscopic Physics, School of Physics, Xi 'an Jiaotong University, 710049, Xi 'an, Shaanxi, P. R. China. E-mail: yundi.quan@gmail.com, zpantz@mail.xjtu.edu.cn