

CORRECTION

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Correction for 'Crystalline boron monosulfide nanosheets with tunable bandgaps' by Haruki Kusaka *et al.*, *J. Mater. Chem. A*, 2021, 9, 24631–24640, DOI: 10.1039/D1TA03307G.

We regret that in the original manuscript, several of the references (ref. 16, 19, 23, 24, 28, 35, 36 and 37) were listed incorrectly. The corrected references are listed below as ref. 1–8, respectively.

Moreover, in the Results and discussion section, the text “which is consistent with the sulfur–sulfur distance of the (001) surface of r-BS (distance between the ends of the red arrows in the top-view of r-BS shown in Fig. 3a).” should instead read as follows: “which is consistent with the nearest sulfur–sulfur distance in the projected top view of the (001) surface of r-BS (Fig. 3a).” This error does not affect the overall conclusions of the article.

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

References

- 1 Z. Zhu, X. Cai, C. Niu, C. Wang and Y. Jia, *Appl. Phys. Lett.*, 2016, **109**, 153107.
- 2 P. Ranjan, T. K. Sahu, R. Bhushan, S. S. R. K. C. Yamijala, D. J. Late, P. Kumar and A. Vinu, *Adv. Mater.*, 2019, **31**, 1900353.
- 3 S. Tominaka, R. Ishibiki, A. Fujino, K. Kawakami, K. Ohara, T. Masuda, I. Matsuda, H. Hosono and T. Kondo, *Chem*, 2020, **6**, 406–418.
- 4 S. Demirci, N. Avazli, E. Durgun and S. Cahangirov, *Phys. Rev. B*, 2017, **95**, 115409.
- 5 K. A. Cherednichenko, I. A. Kruglov, A. R. Oganov, Y. Le Godec, M. Mezouar and V. L. Solozhenko, *J. Appl. Phys.*, 2018, **123**, 135903.
- 6 R. K. Defo, S. Fang, S. N. Shirodkar, G. A. Tritsarlis, A. Dimoulas and E. Kaxiras, *Phys. Rev. B*, 2016, **94**, 155310.
- 7 K. F. Mak, C. Lee, J. Hone, J. Shan and T. F. Heinz, *Phys. Rev. Lett.*, 2010, **105**, 136805.
- 8 S. Susarla, A. Kutana, J. A. Hachtel, V. Kochat, A. Apte, R. Vajtai, J. C. Idrobo, B. I. Yakobson, C. S. Tiwary and P. M. Ajayan, *Adv. Mater.*, 2017, **29**, 1702457.

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