

CORRECTION

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Correction: Electromagnetic interference shielding materials: recent progress, structure design, and future perspective

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Correction for 'Electromagnetic interference shielding materials: recent progress, structure design, and future perspective' by Xiao-Yun Wang *et al.*, *J. Mater. Chem. C*, 2022, **10**, 44–72, <https://doi.org/10.1039/D1TC04702G>.

The published paper states that “5G communication technology and modern electronic products demand shielding materials with higher requirements in terms of EMI shielding performance, weight, flexibility, and reliability”, which is not very precise wording. The updated sentence is given below:

“5G communication technology and modern electronic products demand shielding materials with higher requirements.^{1,2}”

The published paper states that “Electronics make it convenient to perform daily tasks, however, they generate unwanted EM radiation, resulting in electromagnetic interference (EMI), which affects the performance of electronic products and causes serious harm to human beings”, which lacks references. The updated sentence is given below:

“Electronics make it convenient to perform daily tasks, however, they generate unwanted EM radiation, resulting in electromagnetic interference (EMI), which may affect the performance of electronic products, and there is ongoing research on the potential long-term impact on human health.^{3–6}”

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

References

- 1 Q. Lv, X. Tao, S. Shi, Y. Li and N. Chen, *Composites, Part B*, 2022, **230**, 109500.
- 2 Y. Zhao, L. Hao, X. Zhang, S. Tan, H. Li, J. Zheng and G. Ji, *Small Sci.*, 2022, **2**, 2100077.
- 3 Y. Zhang, Y. Huang, T. Zhang, H. Chang, P. Xiao, H. Chen, Z. Huang and Y. Chen, *Adv. Mater.*, 2015, **27**, 2049–2053.
- 4 A. H. Frey, *Environ. Health Perspect.*, 1998, **106**, 101–103.
- 5 L. Liu, H. Deng, X. Tang, Y. Lu, J. Zhou, X. Wang, Y. Zhao, B. Huang and Y. Shi, *Proc. Natl. Acad. Sci. U. S. A.*, 2021, **118**(31), e2105838118, DOI: [10.1073/pnas.2105838118](https://doi.org/10.1073/pnas.2105838118).
- 6 R. Baan, *et al.*, WHO International Agency for Research on Cancer Monograph Working Group, Carcinogenicity of radio-frequency electromagnetic fields, *Lancet Oncol.*, 2011, **12**, 624–626, DOI: [10.1016/S1470-2045\(11\)70147-4](https://doi.org/10.1016/S1470-2045(11)70147-4).

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