Journal of Materials Chemistry A



CORRECTION

View Article Online
View Journal | View Issue



Cite this: J. Mater. Chem. A, 2023, 11, 11534

Correction: Ultrahigh thermal conductive polymer composites by the 3D printing induced vertical alignment of carbon fiber

Zhenbang Zhang,^{ab} Maohua Li,^a Yandong Wang,^a Wen Dai,^a Linhong Li,^a Yapeng Chen,^a Xiangdong Kong,^a Kang Xu,^a Rongjie Yang,^a Ping Gong,^a Jianxiang Zhang,^a Tao Cai,^{ac} Cheng-Te Lin,^{ac} Kazuhito Nishimura,^d Hao Nan Li,^{*b} Nan Jiang^{*ac} and Jinhong Yu^{*ac}

DOI: 10.1039/d3ta90100a

rsc.li/materials-a

Correction for 'Ultrahigh thermal conductive polymer composites by the 3D printing induced vertical alignment of carbon fiber' by Zhenbang Zhang et al., J. Mater. Chem. A, 2023, https://doi.org/10.1039/D3TA01676E.

The authors regret an error in one sentence of the Abstract. The corrected Abstract section should read as follows.

By slicing the composites perpendicular to the direction of carbon fibers, we can conveniently manufacture thermal interface materials with a high through-plane thermal conductivity of 35.22 W m⁻¹ K⁻¹, which is 213 times higher than that of the PDMS matrix.

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

[&]quot;Laboratory of Marine Materials and Related Technologies, Zhejiang Key Laboratory of Marine Materials and Protective Technologies, Ningbo Institute of Materials Technology and Engineering, Chinese Academy of Sciences, Ningbo, 315201, China. E-mail: yujinhong@nimte.ac.cn

bNottingham Ningbo China Beacons of Excellence Research and Innovation Institute, University of Nottingham Ningbo China, Ningbo, 315100, China

Center of Materials Science and Optoelectronics Engineering, University of Chinese Academy of Sciences, Beijing 100049, China

⁴Advanced Nano-processing Engineering Lab, Mechanical Engineering, Kogakuin University, Tokyo, 192-0015, Japan