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CORRECTION

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Correction: Carbon nanotube-copper exhibiting metal-like thermal conductivity and silicon-like thermal expansion for efficient cooling of electronics

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Correction for 'Carbon nanotube-copper exhibiting metal-like thermal conductivity and silicon-like thermal expansion for efficient cooling of electronics' by Chandramouli Subramaniam and Kenji Hata *et al.*, *Nanoscale*, 2014, **6**, 2669–2674.

The value of the specific heat capacity of the CNT-Cu composite should have read as 575 J kg^{-1} K^{-1} in the originally published article. This does not change the results and the conclusions of the manuscript in any manner. The estimation of the specific heat capacity was carried out by differential scanning calorimetry, with sapphire used as the reference. The measurement parameters for the CNT-Cu composite, sapphire and aluminum pan were maintained to be identical throughout the measurement.

$$C_p^{CNT-Cu} = \frac{\text{sample} - \text{pan}}{\text{reference} - \text{pan}} \times \frac{\text{weight of reference}}{\text{weight of sample}} \times C_p^{\text{reference}}$$

where $C_p^{\text{reference}}$ corresponds to the specific heat capacity of sapphire (795 J kg^{-1} K^{-1} at 30 °C), the weight of the reference is 23.24 mg, the weight of the sample is 108.18 mg, and the values of the sample, pan and reference (obtained from the graph) are 3.56, 17.23 and 13.17, respectively (at 30 °C).

Accordingly, the specific heat capacity of CNT-Cu (C_p^{CNT-Cu}) is estimated to be 575 J kg^{-1} K^{-1} at 30 °C.

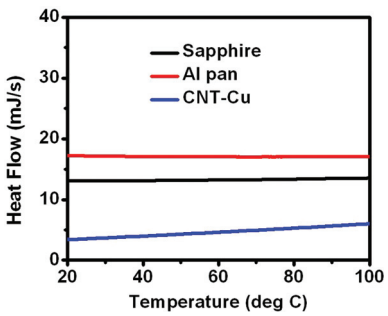

Fig. 1 DSC profiles of the CNT-Cu composite (blue), aluminum pan (red) and sapphire (black), employed to estimate the specific heat capacity of the CNT-Cu composite.

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

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