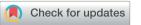
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## CORRECTION



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## Correction: Popgraphene: a new 2D planar carbon allotrope composed of 5–8–5 carbon rings for high-performance lithium-ion battery anodes from bottom-up programming

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DOI: 10.1039/c8ta90070a www.rsc.org/MaterialsA Correction for 'Popgraphene: a new 2D planar carbon allotrope composed of 5–8–5 carbon rings for high-performance lithium-ion battery anodes from bottom-up programming' by Shuaiwei Wang *et al., J. Mater. Chem. A*, 2018, DOI: 10.1039/c8ta00438b.

The authors regret errors in the text of Section 3.1 on page 2 of the original manuscript. In the sentence beginning "Its unit cell contains...", the plane group assigned to popgraphene is incorrect. The plane group should be c2mm (plane group no. 9), instead of P2mg (plane group no. 7). In the following sentence, 4j and 8q should be replaced by 4e and 8f, respectively. Therefore the section should be written as below.

Its unit cell contains 12 carbon atoms and its plane group is *c2mm* (plane group no. 9). The optimized lattice constants are a = 3.6833 Å and b = 9.1124 Å with the carbon atoms occupying two nonequivalent atomic Wyckoff positions of 4*e* (0.5, 0.077) and 8*f* (0.690, 0.326), denoted C<sub>1</sub> and C<sub>2</sub>, respectively.

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

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