

# SCIENTIFIC REPORTS

## OPEN Author Correction: A Low-Cost Non-explosive Synthesis of Graphene Oxide for Scalable Applications

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This Article contains errors.

In panels (b) and (c) of Figure 6, 'O-C-O/C=O' is incorrectly given as 'O-C-O'. The correct Figure 6 appears below as Figure 1.

In addition, Supplementary Table S2 contains the following errors.

"-C=O"

should read:

"C-O"

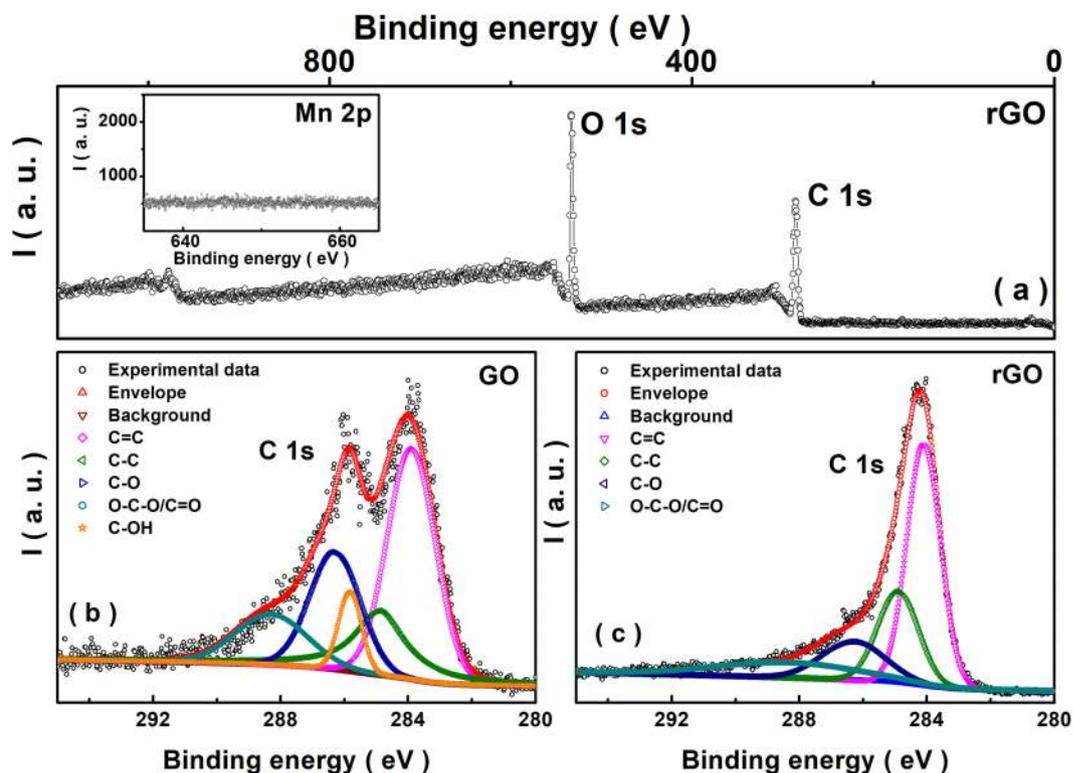
and

"C-O-C"

should read:

"O-C-O/C=O"

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**Figure 1.** (a) Intensity ( $I$ ) versus binding energy (B. E.) in the full scan range for the XPS of the rGO film obtained after a 2 hour exposure to a 4 Watt, 365 nm UV lamp. (b) A multiple peak deconvolution of the GO C1s XPS data (corresponding to  $-C-C-$ ,  $-C=C-$ ,  $-C-O$ ,  $-O-C-O-$ ,  $-OH$  and  $-C=O$  respectively). The inset in panel (a) shows the XPS data corresponding to Mn 2p binding energy region for the rGO sample. (c) rGO C1s XPS data for the sample along with the deconvoluted peak structure corresponding to  $-C-C-$ ,  $-C=C-$ ,  $-C-O$ ,  $-O-C-O-$ , and  $-C=O$  are marked.

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