



Cite this: *New J. Chem.*, 2018, 42, 19305

Correction: Boosted visible light photodegradation activity of boron doped rGO/g-C₃N₄ nanocomposites: the role of C–O–C bonds

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DOI: 10.1039/c8nj90110d

Correction for 'Boosted visible light photodegradation activity of boron doped rGO/g-C₃N₄ nanocomposites: the role of C–O–C bonds' by Shaobo Li *et al.*, *New J. Chem.*, 2018, 42, 17644–17651.

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The authors would like to correct an error in the text of the published article. The sentence on Page 17648, Left Column, Lines 48–53 should read:

As shown in Fig. 4c, the B-5%rGO/g-C₃N₄ nanocomposite exhibits the lowest interfacial charge-transfer resistance among the as-synthesized nanomaterials, suggesting a high separation efficiency of charge carriers in B-rGO/g-C₃N₄ owing to the enhanced C–O–C covalent bonding between g-C₃N₄ and rGO.

The authors would like to correct Fig. 4, as the UV-vis diffuse reflectance spectra shown in Fig. 4a are incorrect in the published article. The correct Fig. 4 is shown below.

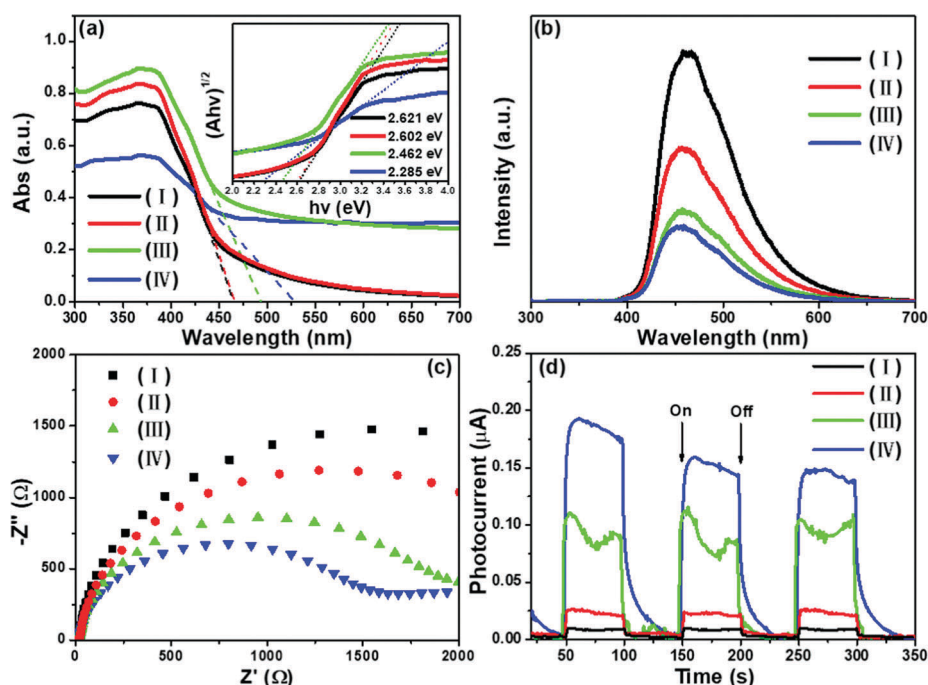


Fig. 4 UV-vis diffuse reflectance spectra and plots of the transformed Kubelka–Munk function versus the energy of light (inset) (a), photoluminescence (PL) spectra (b), EIS (c) and transient photocurrent responses (d) of the as-synthesized samples (g-C₃N₄ (I), B-g-C₃N₄ (II), 5%rGO/g-C₃N₄ (III) and B-5%rGO/g-C₃N₄ (IV)).

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The authors would also like to correct Fig. 5, as Fig. 5d is incorrect in the published article. The correct Fig. 5 is shown below.

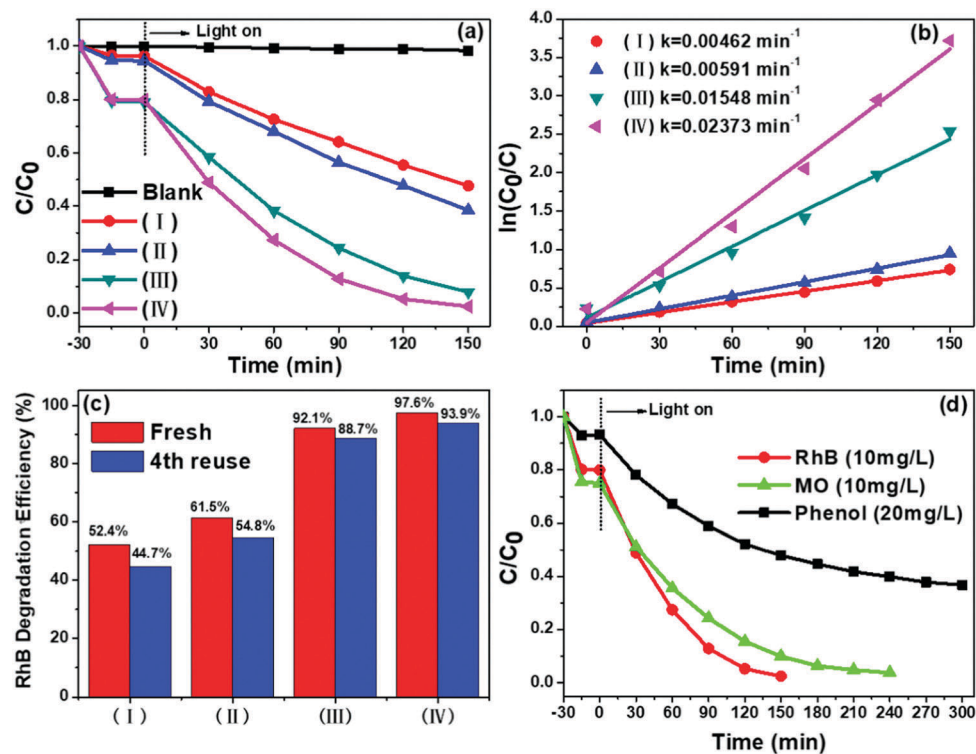


Fig. 5 Photocatalytic activities (a) and the corresponding kinetic study (b) of RhB degradation under visible light ($\lambda > 420$ nm) irradiation over the as-synthesized catalysts; RhB degradation efficiency after 150 min over the fresh catalysts and the catalysts after being reused 4 times (c); (pure g-C₃N₄ (I), B-g-C₃N₄ (II), 5%rGO/g-C₃N₄ (III) and B-5%rGO/g-C₃N₄ (IV)) (d) photocatalytic activity of the B-5%rGO/g-C₃N₄ composite for RhB, MO and phenol degradation.

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

