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CORRECTION

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Correction: Reduced graphene oxide nanosheets decorated with Au-Pd bimetallic alloy nanoparticles towards efficient photocatalytic degradation of phenolic compounds in water

Gitashree Darabdhara, a,b Purna K. Boruah, a,b Priyakshree Borthakur, a,b Najrul Hussain, a,b Manash R. Das, *a,b Tansir Ahamad, Saad M. Alshehri, *c Victor Malgras, Kevin C.-W. Wu*e and Yusuke Yamauchid

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Correction for 'Reduced graphene oxide nanosheets decorated with Au–Pd bimetallic alloy nanoparticles towards efficient photocatalytic degradation of phenolic compounds in water' by Gitashree Darabdhara, et al., Nanoscale, 2016, **8**, 8276–8287.

The authors would like to draw the attention of the readers to some corrected aspects of the published article:

On page 8281, section 3.2: the pH value in the sentence beginning "About 94.4% phenol degradation..." should be corrected to 7

On page 8282, section 3.2.1: the five different catalyst loadings should be corrected to 0.1, 0.3, 0.5, 0.8 and 1 g L^{-1} .

On page 8282, section 3.2.2: the four different concentrations of the phenolic components should be corrected to 0.2, 0.3, 0.5 and 0.8 mM.

On page 8282, section 3.2.2: the degradation efficiencies of the phenolic compounds at various initial concentrations for a fixed amount of catalyst and pH are actually displayed in Fig. S4, not Fig. S3.

On page 8283, section 3.2.4: the two sentences "The electron donating $-NO_2$ group....reduces it" should be corrected to "The electron donating group on the aromatic ring possessing an (+I) inductive effect (*i.e.*, an electron donating effect) increases the negative charge on the aromatic ring of phenol. On the other hand, the presence of a -Cl and $-NO_2$ group having an (-I) inductive effect (*i.e.*, electron accepting effect) reduces it".

On page 8284, section 3.2.6: all instances of H_2O^* should be corrected to HO_2^* in the discussion of the mechanism.

On page 8284, section 3.2.6: eqn (2) and (3) should be corrected to:

$$O_2^{\bullet -} + H_2O \rightarrow HO_2^{\bullet} + OH^- \tag{2}$$

$$e^- + HO_2^{\bullet} + H^+ \rightarrow H_2O_2 \tag{3}$$

^aMaterials Science Division, CSIR-North East Institute of Science and Technology, Jorhat 785006, Assam, India. E-mail: mnshrdas@yahoo.com

^bAcademy of Scientific and Innovative Research, India

^cDepartment of Chemistry, College of Science, King Saud University, Riyadh 11451, Saudi Arabia. E-mail: alshehri@ksu.edu.sa

^dNational Institute for Materials Science (NIMS), 1-1 Namiki, Tsukuba, Ibaraki 305-0044, Japan

^eDepartment of Chemical Engineering, National Taiwan University, No. 1, Sec. 4, Roosevelt Road, Taipei 10617, Taiwan. E-mail: kevinwu@ntu.edu.tw

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On page 8284: Fig. 12(a), with corrected legend, should be:

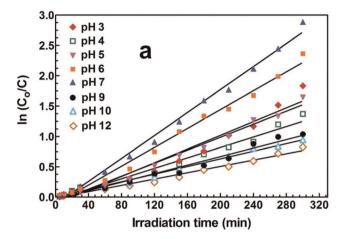


Fig. 12 Kinetic plot of $ln(C_0/C)$ as a function of time for (a) phenol, (b) 2-CP and (c) 2-NP.

Lastly, the authors would like to correct the following references:

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- 37. P. Zhu, A. S. Nair, P. Shengjie, Y. Shengyuan and S. Ramakrishna, ACS Appl. Mater. Interfaces, 2012, 4, 581.
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- 67. M. Aslam, I. M. I. Ismail, S. Chandrasekaran and A. Hameed, J. Hazard. Mater., 2014, 276, 120.

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