



Cite this: *Chem. Commun.*, 2018, 54, 12658

DOI: 10.1039/c8cc90458h

rs.c.li/chemcomm

Correction: *In situ* plasma-assisted atmospheric nitrogen fixation using water and spray-type jet plasma

Peng Peng,^a Paul Chen,^a Min Addy,^a Yanling Cheng,^a Yaning Zhang,^{ab} Erik Anderson,^a Nan Zhou,^a Charles Schiappacasse,^a Raymond Hatzenbeller,^a Liangliang Fan,^a Shiyu Liu,^a Dongjie Chen,^a Juer Liu,^a Yuhuan Liu^c and Roger Ruan^{*ac}

Correction for '*In situ* plasma-assisted atmospheric nitrogen fixation using water and spray-type jet plasma' by Peng Peng *et al.*, *Chem. Commun.*, 2018, 54, 2886–2889.

The authors regret that there was a unit conversion error in Fig. 2 (a). The correct version of Fig. 2 is shown below. Accordingly, the sentence beginning "Furthermore, based on the results in Fig. 2" on page 2887 is incorrect. The correct sentence is as follows: "Furthermore, based on the results in Fig. 2, the total nitrogen fixation rate increased from 22.3 $\mu\text{mol min}^{-1}$ (*ex situ*) to 51.1 $\mu\text{mol min}^{-1}$ (*in situ*), which also showed improvements compared with the other reported *ex situ* synthesis with a similar reaction area." The figure now matches with the rest of the publication, which all have the correct units.

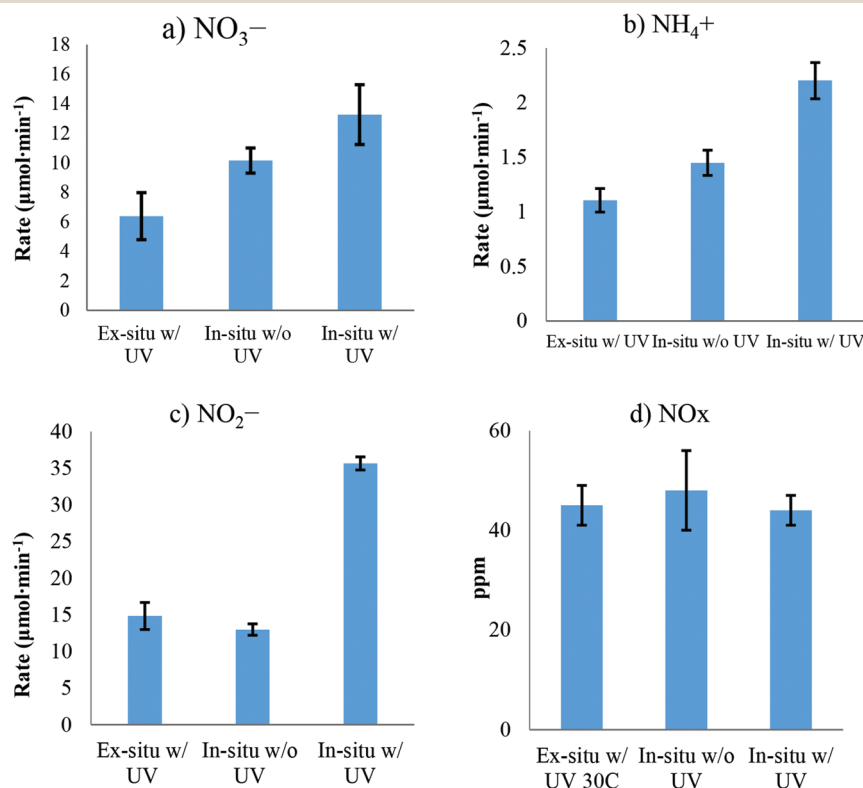


Fig. 2 Synthesis rates of nitrate, nitrite and ammonium under different experimental conditions at 30 °C.

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

^a Center for Biorefining, Department of Bioproducts and Biosystems Engineering, University of Minnesota Twin Cities, St. Paul, MN 55108, USA. E-mail: ruanx001@umn.edu

^b Harbin Institute of Technology, Harbin, Heilongjiang, 150001, China

^c MOE Biomass Engineering Research Center, Nanchang University, Jiangxi, 330047, China

