

CORRECTION

[View Article Online](#)
[View Journal](#) | [View Issue](#)


Cite this: *Green Chem.*, 2019, **21**, 6030

Correction: Advances in energy systems for valorization of aqueous byproducts generated from hydrothermal processing of biomass and systems thinking

Yexuan Gu,^a Xuesong Zhang,^{*b,c} Brian Deal,^a Lujia Han,^b Jilu Zheng^d and Haoxi Ben^e

DOI: 10.1039/c9gc90097g
rsc.li/greenchem

Correction for 'Advances in energy systems for valorization of aqueous byproducts generated from hydrothermal processing of biomass and systems thinking' by Yexuan Gu et al., *Green Chem.*, 2019, **21**, 2518–2543.

The authors wish to draw the readers' attention to their related review article, previously published in *Bioresource Technology*,¹ which should have been cited in this *Green Chemistry* article.

This *Green Chemistry* review article is focused on the valorization of hydrothermal (hydrothermal liquefaction and hydrothermal carbonization) aqueous waste by physicochemical systems, whereas ref. 1 is primarily related to the treatment of hydrothermal liquefaction wastewater by biological systems. However, although the two review papers have a different emphasis, ref. 1 should have been cited in this *Green Chemistry* paper.

In addition, Fig. 4B, 7 and Table 1 were adapted from ref. 1, therefore, the captions should be amended as shown here.

The caption for Fig. 4B should be changed to "Fig. 4B Schematic diagram of integrated systems to valorize HTL-AW: combined GAC adsorption/ozone with biologicals systems (AD and microalgae cultivation), adapted from ref. 172 and ref. 1".

The caption for Fig. 7 should be changed to "Fig. 7 Existing and potential integrations of different systems for HTL aqueous waste valorization. Solid lines among systems indicate that the integration has been carried out and dash lines indicate potential integrations for further development. The lines with arrows in the middle indicate the integration is among three systems. Adapted from ref. 1".

The caption for Table 1 should be changed to "Table 1 Typical characteristics of the aqueous waste stream produced from the HTL of various biomass. Adapted from ref. 1".

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

References

- 1 Y. Gu, Z. Zhang, B. Deal and L. Han, *Bioresour. Technol.*, 2019, **278**, 329–345.

^aDepartment of Landscape Architecture, University of Illinois at Urbana-Champaign, Champaign, IL 61820, USA

^bLaboratory of Biomass and Bioprocessing Engineering, College of Engineering, China Agricultural University, Beijing 100083, China. E-mail: xuesong@illinois.edu

^cIllinois Sustainable Technology Center, University of Illinois at Urbana-Champaign, 1 Hazelwood Drive, Champaign, IL 61820, USA

^dCollege of Forestry, Northwest A&F University, Yangling, Shaanxi 712100, China

^e308 Ningxia Road, State Key Laboratory of Bio-Fibers and Eco-Textiles, Qingdao University, Qingdao, Shandong, China

