## **Green Chemistry**



## RETRACTION

View Article Online
View Journal | View Issue



**Cite this:** *Green Chem.*, 2016, **18**, 6144

## Retraction: One-pot synthesis of glycidol from glycerol and dimethyl carbonate over a highly efficient and easily available solid catalyst NaAlO<sub>2</sub>

Rongxian Bai,<sup>a</sup> Hongkun Zhang,<sup>a</sup> Fuming Mei,<sup>a</sup> Shu Wang,<sup>a</sup> Tao Li,<sup>a</sup> Yanlong Gu\*<sup>a,b</sup> and Guangxing Li\*<sup>a</sup>

DOI: 10.1039/c6gc90102f www.rsc.org/greenchem

Retraction of 'One-pot synthesis of glycidol from glycerol and dimethyl carbonate over a highly efficient and easily available solid catalyst  $NaAlO_2$  by Rongxian Bai, R

We, the named authors, hereby wholly retract this *Green Chemistry* article. In this article, we report the development of a one-pot synthesis of glycidol from glycerol and dimethyl carbonate using a sodium aluminate catalyst. Further investigation by <sup>1</sup>H NMR has revealed that upon analysis of the product by gas chromatography, glycidol was formed due to decomposition of glycerol carbonate at high temperature. As such the catalyst converts glycerol selectively to glycerol carbonate, and not glycidol.

The authors would like to thank Damien Debecker and Ramesh Sreerangappa for bringing this matter to their attention and apologise for any inconvenience to authors and readers.

Signed: Rongxian Bai, Hongkun Zhang, Fuming Mei, Shu Wang, Tao Li, Yanlong Gu and Guangxing Li, 7<sup>th</sup> October 2016. Retraction endorsed by Sam Keltie, Executive Editor, *Green Chemistry*, 29<sup>th</sup> July 2016.

<sup>&</sup>lt;sup>a</sup>Hubei Key Laboratory of Material Chemistry and Service Failure, Key Laboratory for Large-Format Battery, Materials and System, Ministry of Education, School of Chemistry and Chemical Engineering, Huazhong University of Science and Technology (HUST), 1037 Luoyu road, Hongshan District, Wuhan 430074, China. E-mail: ligxabc@163.com; Fax: +86 27 87543632; Tel: +86 27 87543032

<sup>&</sup>lt;sup>b</sup>State Key Laboratory for Oxo Synthesis and Selective Oxidation, Lanzhou Institute of Chemical Physics, Lanzhou, 730000, P. R. China