



CrossMark  
click for updates

Cite this: *J. Mater. Chem. C*, 2014, 2, 8433

DOI: 10.1039/c4tc90121e

[www.rsc.org/MaterialsC](http://www.rsc.org/MaterialsC)

## Correction: Structure and luminescence properties of green-emitting NaBaScSi<sub>2</sub>O<sub>7</sub>:Eu<sup>2+</sup> phosphors for near-UV-pumped light emitting diodes

Chengying Liu,<sup>a</sup> Zhiguo Xia,<sup>\*a</sup> Zhipeng Lian,<sup>b</sup> Jun Zhou<sup>a</sup> and Qingfeng Yan<sup>b</sup>

Correction for 'Structure and luminescence properties of green-emitting NaBaScSi<sub>2</sub>O<sub>7</sub>:Eu<sup>2+</sup> phosphors for near-UV-pumped light emitting diodes' by Chengying Liu *et al.*, *J. Mater. Chem. C*, 2013, 1, 7139–7147.

The first sentence of Section 3.1 should be changed as follows (the change is given in ***bold italics*** for clarity):

Fig. 1 presents the crystal structure emphasizing the coordination of Sc<sup>3+</sup>, Ba<sup>2+</sup> and Na<sup>+</sup> ions. In NaBaScSi<sub>2</sub>O<sub>7</sub>, ***Na<sup>+</sup>*** and Ba<sup>2+</sup> cations are located in voids in a Na–Ba–Na–Ba sequence parallel to the *c* axis, which also consists of the alternating layers of [ScO<sub>6</sub>] octahedra and [SiO<sub>4</sub>] tetrahedra.

Reference 13 should be changed as follows:

M. Wierzbicka-Wieczorek, U. Kolitsch and E. Tillmanns, *Can. Mineral.*, 2010, **48**, 51.

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

<sup>a</sup>School of Materials Science and Technology, China University of Geosciences, Beijing 100083, P. R. China. E-mail: xiazg@cugb.edu.cn; Tel: +86-10-82332247

<sup>b</sup>Department of Chemistry, Tsinghua University, Beijing 100084, China

