


 Cite this: *RSC Adv.*, 2019, 9, 15288

DOI: 10.1039/c9ra90032b

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

## Correction: Enhanced up-conversion luminescence in transparent glass-ceramic containing $\text{KEr}_3\text{F}_{10}:\text{Er}^{3+}$ nanocrystals and its application in temperature detection

 Zhijun Xia,<sup>a</sup> Huixiang Huang,<sup>a</sup> Zhi Chen,<sup>a</sup> Zaijin Fang<sup>c</sup> and Jianrong Qiu<sup>\*ab</sup>

 Correction for 'Enhanced up-conversion luminescence in transparent glass-ceramic containing  $\text{KEr}_3\text{F}_{10}:\text{Er}^{3+}$  nanocrystals and its application in temperature detection' by Zhijun Xia *et al.*, *RSC Adv.*, 2019, 9, 10999–11004.

The authors regret that the reported composition of precursor glass in the experimental section of the original article was incorrect. The text should read "The precursor glass (PG) compositions (mol%) is 17.5 KF-17.5  $\text{ZnF}_2$ -65  $\text{SiO}_2$ ".

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

<sup>a</sup>State Key Laboratory of Luminescent Materials and Devices, Institute of Optical Communication Materials, South China University of Technology, Wushan Road 381, Guangzhou 510641, China. E-mail: [qjr@scut.edu.cn](mailto:qjr@scut.edu.cn)

<sup>b</sup>State Key Laboratory of Modern Optical Instrumentation, College of Optical Science and Engineering, Zhejiang University, Hangzhou 310027, China

<sup>c</sup>Guangdong Provincial Key Laboratory of Optical Fiber Sensing and Communications, Institute of Photonics Technology, Jinan University, Guangzhou 510632, China

