



Cite this: *J. Mater. Chem. C*, 2019, 7, 11040

DOI: 10.1039/c9tc90177a

rsc.li/materials-c

## Correction: Zero-thermal-quenching and photoluminescence tuning with the assistance of carriers from defect cluster traps

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Correction for 'Zero-thermal-quenching and photoluminescence tuning with the assistance of carriers from defect cluster traps' by Yali Chen *et al.*, *J. Mater. Chem. C*, 2018, 6, 10687–10692.

The authors regret that there is an error in Fig. 3 of this article. The figure shows the units of the lifetime values of  $^5D_3 \rightarrow ^7F_5$  and  $^5D_4 \rightarrow ^7F_5$  are ns (nanoseconds), but actually they should be ms (milliseconds). This error does not affect the results and conclusions reported in the article. The corrected Fig. 3 is shown below.

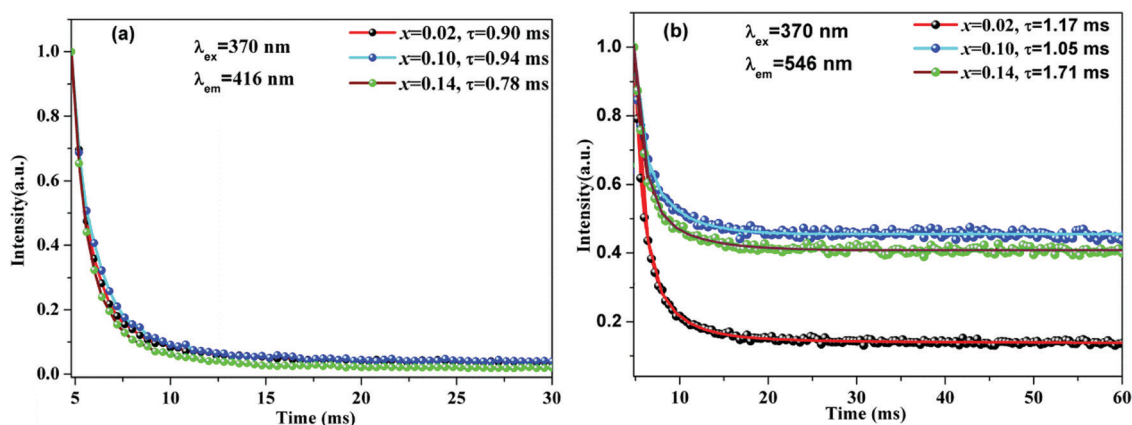


Fig. 3 Decay curves corresponding to the emissions (a)  $^5D_3 \rightarrow ^7F_5$  ( $\lambda_{\text{ex}} = 370$  nm,  $\lambda_{\text{em}} = 416$  nm) and (b)  $^5D_4 \rightarrow ^7F_5$  ( $\lambda_{\text{ex}} = 370$  nm,  $\lambda_{\text{em}} = 546$  nm) of SZSP0:xTb<sup>3+</sup> phosphors for different chemical compositions ( $x = 0.02, 0.10$  and  $0.14$ ).

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

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