

CORRECTION

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rsc.li/materials-c**Correction: Zero-thermal-quenching and photoluminescence tuning with the assistance of carriers from defect cluster traps**Yali Chen,^a Binxun Yu,^{*a} Jing Gou^{*a} and Shengzhong Frank Liu^{ab}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.

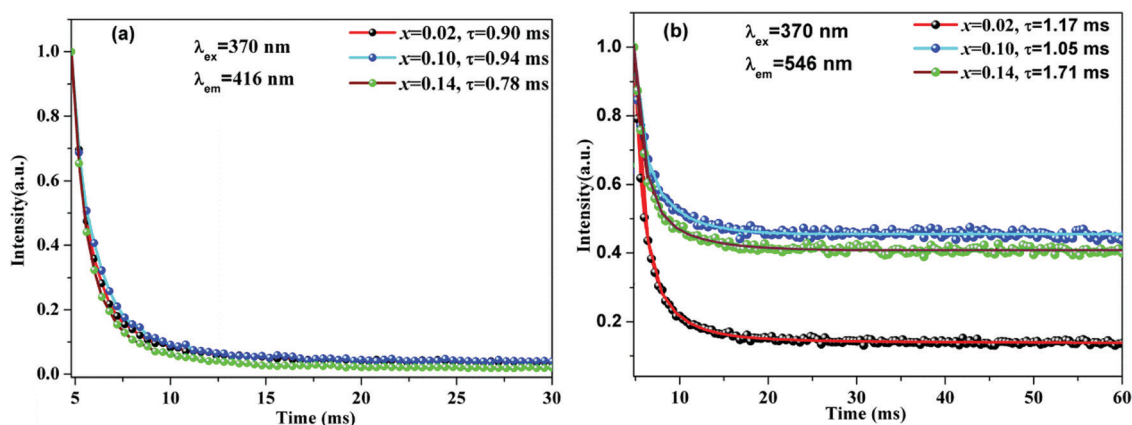


Fig. 3 Decay curves corresponding to the emissions (a) $^5D_3 \rightarrow ^7F_5$ ($\lambda_{ex} = 370$ nm, $\lambda_{em} = 416$ nm) and (b) $^5D_4 \rightarrow ^7F_5$ ($\lambda_{ex} = 370$ nm, $\lambda_{em} = 546$ nm) of SZSP0:xTb³⁺ phosphors for different chemical compositions ($x = 0.02, 0.10$ and 0.14).

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

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