

## CORRECTION

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## Correction: Broadband photoelectric tunable quantum dot based resistive random access memory

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Correction for 'Broadband photoelectric tunable quantum dot based resistive random access memory' by Zhiliang Chen *et al.*, *J. Mater. Chem. C*, 2020, **8**, 2178–2185, DOI: 10.1039/C9TC06230K.

The authors regret that the following two corrections are required to this article:

Fig. 1(e) should be removed because it does not represent the actual sample of the lead sulfide quantum dots that was used in this study. Fig. 1(e) is a TEM image of the lead sulfide quantum dots from a previous synthesis. Although the synthesis method was the same, the authors believe this figure (Fig. 1(e)) does not represent the TEM image of lead sulfide quantum dots synthesized this time.

On page 2179 (section 3) of the article, the following sentence should be removed: 'The TEM image in Fig. 1(e) shows that the size distribution of the PbS QDs was uniform and the average diameter of the PbS QDs was approximately 5 nm.'

The results and conclusions are not affected by these errors. The authors regret these errors and apologize for this mistake. The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

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