

CORRECTION

[View Article Online](#)
[View Journal](#) | [View Issue](#)



Cite this: *Nanoscale*, 2022, **14**, 5625

Correction: 'Stateful' threshold switching for neuromorphic learning

Zhijian Zhong,^a Zhiguo Jiang,^a Jianning Huang,^a Fangliang Gao,^{*a} Wei Hu,^b
Yong Zhang^a and Xinman Chen^{*a}

DOI: [10.1039/d2nr90061k](https://doi.org/10.1039/d2nr90061k)
rsc.li/nanoscale

Correction for "Stateful' threshold switching for neuromorphic learning' by Zhijian Zhong et al., *Nanoscale*, 2022, DOI: [10.1039/d1nr05502j](https://doi.org/10.1039/d1nr05502j).

The authors regret that the last sentence of the second paragraph in the [Results and discussion] section, [Emulating associative learning *via* 'stateful' TA] subsection, contained errors. The correct sentence is the following:

"Naturally, high efficiency to build this acquisition can be reached if a larger V_{US} is applied, upon which only one training cycle is required with a V_{US} pulse of over 1.2 V (Fig. S8 in the ESI†)."

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

^aGuangdong Engineering Research Center of Optoelectronic Functional Materials and Devices, Institute of Semiconductors, South China Normal University, Guangzhou 510631, PR China. E-mail: gaojl@m.scnu.edu.cn, chenxinman@m.scnu.edu.cn

^bKey Laboratory of Optoelectronic Technology and System of Ministry of Education, College of Optoelectronic Engineering, Chongqing University, Chongqing 400044, PR China

