

## CORRECTION

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## Correction: Co-mixing hydrogen and methane may double the energy storage capacity

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[www.rsc.org/MaterialsA](http://www.rsc.org/MaterialsA)Correction for 'Co-mixing hydrogen and methane may double the energy storage capacity' by Qianqian Xue et al., *J. Mater. Chem. A*, 2018, DOI: 10.1039/c8ta01909f.

In section 3.3 at the end of the fourth page of the article, there is a calculation error. The correct calculation should be  $(0.07 \text{ eV} + 0.21 \text{ eV} \times 2)/3 = \sim 0.16 \text{ eV}$  rather than  $(0.07 \text{ eV} + 0.21 \text{ eV} \times 2)/3 = \sim 0.20 \text{ eV}$  as originally stated in the article.

In addition, a column for  $m = 1$ ,  $n = 0$  was omitted from Table 2. The corrected table is shown below:

**Table 2** Average binding energy of  $\text{H}_2/\text{CH}_4$  on Sc atom for mixed adsorption of  $n\text{H}_2$  molecules and  $m\text{CH}_4$ 

$n$	4				1	2
$m$		1	2	3	2	2
$E_{\text{an}}$ (eV)	0.27				0.26	0.26
$E_{\text{bm}}$ (eV)		0.19	0.22	0.19	0.31	0.28

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

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