

CORRECTION

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

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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 H_2/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_{an} (eV)	0.27				0.26	0.26
E_{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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