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CORRECTION

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Correction: Mirror twin boundaries in $MoSe_2$ monolayers as one dimensional nanotemplates for selective water adsorption

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Correction for 'Mirror twin boundaries in $MoSe_2$ monolayers as one dimensional nanotemplates for selective water adsorption' by Jingfeng Li *et al.*, *Nanoscale*, 2021, **13**, 1038–1047, DOI: 10.1039/D0NR08345C.

The authors regret that an incorrect version of Fig. 5 was displayed in the original manuscript. Specifically, the number of data points in panel (e) and the numbers and positions of the electronic levels in diagram (f) have been amended. An updated

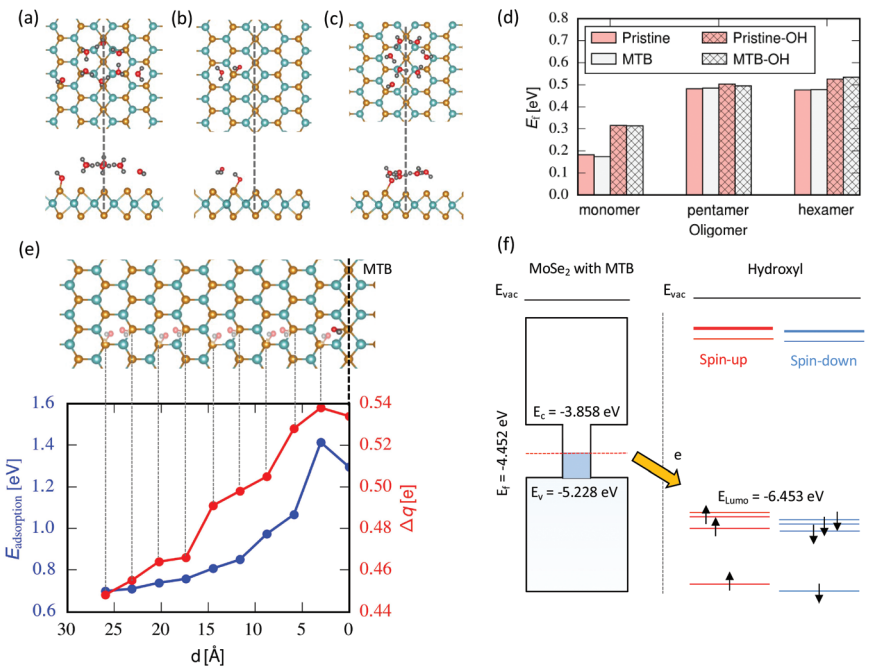

Fig. 5 DFT simulations of water and hydroxyl adsorption on pristine and MTB modified $MoSe_2$. (a–c) Atomic structure of $MoSe_2$ with MTB and adsorbed water molecules, hydroxyl groups and water hexamers attached to the sheet (a) and OH group (b and c). (d) Formation energy of water clusters on top of $MoSe_2$ in the pristine area, next to MTB and OH group. (e) The dependence of adsorption energy of OH group on distance to the MTB defined as the separation between the MTB and the coordinates of the Se atom the OH group is attached to. The plot also shows charge transfer from the MTB into the empty molecular orbitals of the hydroxyl group, as schematically illustrated in panel (f), which presents the electronic structure of $MoSe_2$ with MTB and isolated OH group.

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version of Fig. 5 is displayed below, along with an updated caption. These errors do not affect any of the experimental results and discussion or conclusions reported in the paper; only the display of Fig. 5 and the associated caption.

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