



Correction: Nanoporous two-dimensional MoS₂ membranes for fast saline solution purification

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Correction for 'Nanoporous two-dimensional MoS₂ membranes for fast saline solution purification' by Jianlong Kou et al., *Phys. Chem. Chem. Phys.*, 2016, 18, 22210–22216.

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It should be noted that the text “Applied force on an individual molecule is given by $f = \Delta P A / n$, where ΔP is the desired hydrostatic pressure, A is the area of the membrane, and n is the total number of molecules in the simulation system” on page 22212 of the published paper is not accurate. It should be “... and n is the total number of molecules to which forces are applied in the simulation system”. The force is applied to all water molecules and ions to produce osmotic pressure, and n is the total number of water molecules and ions; the atoms in the MoS₂ membrane are not calculated. In addition, ref. 47 was cited in the paper, which is not correct. In actuality, the new reference given here as ref. 1 is more appropriate.

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

References

- 1 F. Zhu, E. Tajkhorshid and K. Schulten, *Biophys. J.*, 2002, 83, 154–160.

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