CORRECTION

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Correction: Enhanced uptake of glyoxal at the acidic nanoparticle interface: implications for secondary organic aerosol formation

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Correction for 'Enhanced uptake of glyoxal at the acidic nanoparticle interface: implications for secondary organic aerosol formation' by Qiuju Shi et al., *Environ. Sci.: Nano*, 2020, 7, 1126–1135, DOI: 10.1039/D0EN00016G.

There is an error in Fig. 6 and therefore the graphical abstract, which incorporates Fig. 6, also includes this error. The error does not affect the results in this section. The corrected figures appear below.

Fig. 6 The potential energy surface of the hydration reaction of GL in the neutral and acidic systems. The black line represents the direct hydration reaction of GL (R_{GL+H_2O}). The red and blue lines represent the indirect hydration reaction of COM_{GL+H_2O} with H_2O and SA (R_{COM+H_2O} and R_{COM+SA}), respectively. The unit of the rate constant is $M^{-1} s^{-1}$.

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Graphical abstract

Correspondingly, in Section 3.3, on page 1131, the following sentence should be included in the third sentence of the third paragraph: “Herein, the discussed $\Delta G^\ddagger$ value of $R_{\text{COM}+\text{H}_2\text{O}}/R_{\text{COM}+\text{SA}}$ is defined as the difference between the energies of $\text{TS}_{\text{COM}+\text{H}_2\text{O}}/\text{TS}_{\text{COM}+\text{SA}}$ and $\text{COM}_{\text{GL}-\text{H}_2\text{O}}$ ”.

Additionally, the second sentence in the fourth paragraph should be “Our calculated $\Delta G^\ddagger$ value of $R_{\text{GL}+\text{H}_2\text{O}}$ agrees with the previous theoretical study ($37.0 \text{ kcal mol}^{-1}$)⁶² which obtained the solvent energies based on the optimized gas-phase geometry”.

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