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ADDITION/CORRECTION

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Correction to "Nature of $Pt_n/TiO_2(110)$ Interface under Water-Gas Shift Reaction Conditions: A Constrained ab Initio Thermodynamics Study"

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The temperature scales (secondary *x*-axis) presented in Figures 5(b) and 7(b) of the original publication do not correspond to the correct chemical potential difference $\Delta\mu_{CO2} - \Delta\mu_{CO}$ (primary *x*-axis) and are therefore incorrect. The correct temperature scale should read as given in the following figures. This erratum does not affect any discussion and conclusions reported in the paper.

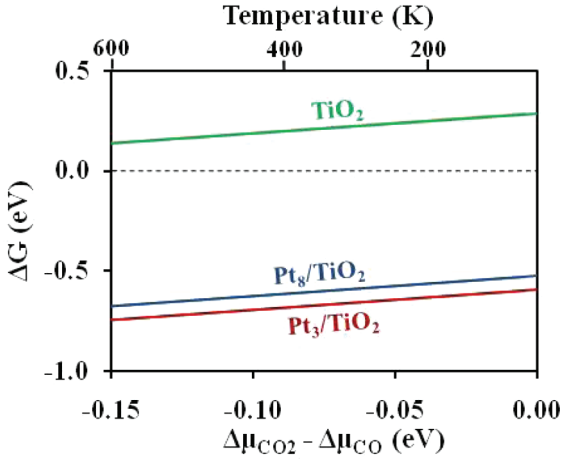

Figure 5. (b) Gibbs free energy (ΔG) for the formation of an oxygen vacancy on the TiO_2 surface under reducing conditions ($TiO_2 + CO \rightarrow TiO_{2-x} + CO_2$) versus the difference in chemical potentials ($\Delta\mu_{CO2} - \Delta\mu_{CO}$).

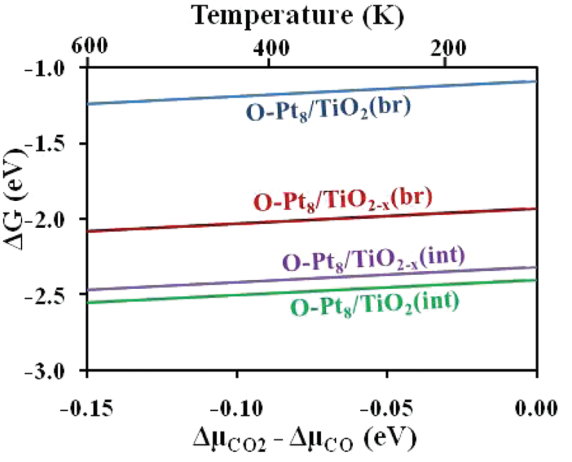

Figure 7. (b) Gibbs free energy (ΔG) for the reduction of the $O-Pt_8/TiO_2$ surface by CO ($O-Pt_8/TiO_2 + CO \rightarrow Pt_8/TiO_2 + CO_2$) versus the difference in chemical potentials ($\Delta\mu_{CO2} - \Delta\mu_{CO}$).

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