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Langmuir–Rideal (Rideal–Eley) mechanism

A mechanism for surface catalysis in which the reaction occurs between a reactant molecule in the gas phase and one that is adsorbed on the surface.

Source:
PAC, 1996, *68*, 149 *(A glossary of terms used in chemical kinetics, including reaction dynamics (IUPAC Recommendations 1996))* on page 171

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