

عنوان مقاله:

Frequent flaws in thermodynamic description of adsorption data

محل انتشار:

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خلاصه مقاله:

This short commentary reports on frequent improper deductions in macroscopic treatment of data from adsorption processes from a fundamental thermodynamics point of view. The common shortcomings relate to the calculation of adsorption equilibrium constant along with the way the judgment is made about the process spontaneity. The author hopes these frequent flaws are set back in future with our careful consideration of the basic principles

کلمات کلیدی:

Adsorption, Thermodynamics, Gibbs free energy change, Equilibrium, Spontaneity

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