

Letter to Editor

Comments on using of “initial adsorption rate”

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In *E-Journal of Chemistry*, Volume 5, 7, 8, and 9, four articles, entitled “study on the adsorption kinetics of acid red 3B on expanded graphite” [1], “adsorption kinetics and thermodynamics characteristics of expanded graphite for polyethylene glycol” [2], “decolorization kinetics and thermodynamics of auramine lake yellow O on expanded graphite loaded with titania” [3], and “adsorption characteristics of polyvinyl alcohols in solution on expanded graphite” [4], presented the idea of “initial adsorption rate” without citing appropriate reference, and thus, were in the position of committing possible plagiarism article. In these four articles, the authors presented the term “initial adsorption rate” as $u = kq_e^2$ without any citations, while in fact, the definition of initial adsorption rate based on pseudo-second order model for the adsorption systems of divalent metal ions using sphagnum moss peat has been presented by Ho [5], and this expression has also been published in 1996 [6]. A modified equation has been presented in 1998 to correct a mistake in the previous paper that was published in 1996 [7].

Plagiarism is defined as when the authors of a scientific publication duplicate previously published idea, text, or figures in the scientific literature without any citations [8]. Similar comment have been also presented in *Chemosphere* [9], *Industrial & Engineering Chemistry Research* [10], *Canadian Journal of Chemical Engineering* [11], *Microchimica Acta* [12], *Journal of Hazardous Materials* [13], *Adsorption Science & Technology* [14], and *Water Research* [15]. I strongly suggest that the authors cite the original paper for the initial adsorption rate not only to accurately present the equation but also to avoid committing possible plagiarism.

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