Recently, Bayramoğlu et al. [1] published the paper entitled as above. In Section 2, pseudo-first and second order equations, Bayramoğlu et al. mentioned that a pseudo-second order equation based on adsorption equilibrium rate expression of Ho has been applied to the sorption of metal ions, dyes and organic substances from aqueous solution (Table 1). In addition, Ho’s kinetic expression has also been applied to the sorption of dye onto the mixture sorbent sorption processes [4]. Numerous applications of Ho’s kinetic expression have been reported in recent years. A list of pseudo-second order systems is given in Table 1. I suggest that Bayramoğlu et al. should cite Ho’s original pseudo-second order kinetic expression paper.

References


Comment

Affinity dye–ligand poly(hydroxyethyl methacrylate)/chitosan composite membrane for adsorption lysozyme and kinetic properties G. Bayramoğlu, M. Yilmaz, M.Y. Arica

Recently, Bayramoğlu et al. [1] published the paper entitled as above. In Section 2, pseudo-first and second order equations, Bayramoğlu et al. mentioned that a pseudo-second order equation based on adsorption equilibrium rate expression of Ho has been applied to the sorption of metal ions, dyes and organic substances from aqueous solution (Table 1). In addition, Ho’s kinetic expression has also been applied to the sorption of dye onto the mixture sorbent sorption processes [4]. Numerous applications of Ho’s kinetic expression have been reported in recent years. A list of pseudo-second order systems is given in Table 1. I suggest that Bayramoğlu et al. should cite Ho’s original pseudo-second order kinetic expression paper.


Yuh-Shan Ho  
School of Public Health  
Taipei Medical University  
No, 250, Wu-Hsing Street, Taipei, Taiwan  
Tel.: +886-2-27361661x6514; fax: +886-2-27384831  
E-mail address: ysho@tmu.edu.tw (Y.-S. Ho)