Response to the comments of Y. S. Ho to the paper “Effect of pH, fulvic acid and temperature on sorption of Th(IV) on zirconium oxophosphate” by Qian LJ, Zhao JN, Hu PZ, Geng YX, and Wu WS published in J. Radioanal. Nucl. Chem. 283 (2010) 653

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Dear Prof. Tibor Braun

We have received the comments of Y. S. Ho on using of pseudo-second-order rate equation in our paper. Here, we apologize sincerely for our inaccurate citation in the article published in Journal of Radioanalytical and Nuclear Chemistry, Volume 283. And we also appreciate the comments by Prof. Y. S. Ho on our article. Now, we agree with the comments. The correct pseudo-second-order rate equation could be described [1–4]:

$$\frac{t}{q_t} = \frac{1}{kq_e^2} + \frac{t}{q_e}$$

According this equation, the k and q_e are $4.59 \text{ g mg}^{-1} \text{ h}^{-1}$ and 0.91 mg g^{-1} , respectively.

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