

### **List of publications of Zoltán Ható:**

[10] Simulation study of a rectifying bipolar ion channel: Detailed model versus reduced model

Z Ható, D Boda, D Gillespie, J Vrabec, G Rutkai, T Kristóf  
Condensed Matter Physics 19 (1), 13802 (2016)

[9] Stability of the kaolinite-guest molecule intercalation system: A molecular simulation study

G Rutkai, Z Ható, T Kristóf  
Fluid Phase Equilibria 409, 434-438 (2015)

[8] Simulation assisted characterization of kaolinite-methanol intercalation complexes synthesized using cost-efficient homogenization method

É Makó, A Kovács, Z Ható, T Kristóf  
Applied Surface Science 357, 626-634 (2015)

[7] A simple method for the simulation of steady-state diffusion through membranes: pressure-tuned, boundary-driven molecular dynamics

Z Ható, Á Kaviczki, T Kristóf  
Molecular Simulation, 1-10 (2015)

[6] Characterization of kaolinite-ammonium acetate complexes prepared by one-step homogenization method

É Makó, A Kovács, Z Ható, B Zsirka, T Kristóf  
Journal of colloid and interface science 431, 125-131 (2014)

[5] Communication: Molecular simulation study of kaolinite intercalation with realistic layer size

Z Ható, G Rutkai, J Vrabec, T Kristóf  
The Journal of Chemical Physics 141 (9), 091102 (2014)

[4] Water-mediated potassium acetate intercalation in kaolinite as revealed by molecular simulation

Z Ható, É Makó, T Kristóf  
Journal of molecular modeling 20 (3), 1-10 (2014)

[3] Simulation of steady-state diffusion: Driving force ensured by dual control volumes or local equilibrium Monte Carlo

Z Ható, D Boda, T Kristóf  
The Journal of chemical physics 137 (5), 054109 (2012)

[2] Impact assessment of chemical decontamination base-technology's preoxidation step on different steel surfaces

E Deak-Horvath, K Varga, A Szabo-Nagy, T Kristof, Z Hato, J Schunk, ...  
Korrosios Figyelo 52 (1), 37-44 (2012)

[1] Molecular simulation of water removal from simple gases with zeolite NaA

É Csányi, Z Ható, T Kristóf  
Journal of Molecular Modeling, 1-8 (2011)