

List of publications of Dezső Boda

- [1] R. Kovács, M. Valiskó, and D. Boda. Monte Carlo simulation of the electrical properties of electrolytes adsorbed in charged slit-systems. *Cond. Matt. Phys.*, 15(2):23803, 2012. IF: 0.800.
- [2] D. Boda and D. Gillespie. Steady state electrodiffusion from the Nernst-Planck equation coupled to Local Equilibrium Monte Carlo simulations. *J. Chem. Theor. Comput.*, 8(3):824–829, 2012. IF: 5.629.
- [3] É. Csányi, D. Boda, D. Gillespie, and T. Kristóf. Current and selectivity in a model sodium channel under physiological conditions: Dynamic Monte Carlo simulations. *Biochim. et Biophys. Acta - Biomembranes*, 1818(3):592–600, 2012. IF: 4.102.
- [4] T. Nagy, D. Henderson, and D. Boda. Simulation of an electrical double layer model with a low dielectric layer between the electrode and the electrolyte. *J. Phys. Chem. B*, 115(39):11409–11419, 2011. IF: 3.603. #Refs = 1.
- [5] D. Boda, D. Henderson, B. Eisenberg, and D. Gillespie. A method for treating the passage of a charged hard sphere ion as it passes through a sharp dielectric boundary. *J. Chem. Phys.*, 135(6):064105, 2011. IF: 2.920.
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- [7] D. Henderson and D. Boda. Mean spherical approximation for the Yukawa fluid radial distribution function. *Mol. Phys.*, 109(7–10):1009–1013, 2011. IF: 1.743. #Refs = 1.
- [8] J. Vincze, M. Valiskó, and D. Boda. Response to “Comment on ‘The nonmonotonic concentration dependence of the mean activity coefficient of electrolytes is a result of a balance between solvation and ion-ion correlations’ [J. Chem. Phys. 134, 157101 (2011)]”. *J. Chem. Phys.*, 134(15):157102, 2011. IF: 2.920.
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- [12] J. Vincze, M. Valiskó, and D. Boda. The nonmonotonic concentration dependence of the mean activity coefficient of electrolytes is a result of a balance between solvation and ion-ion correlations. *J. Chem. Phys.*, 133(15):154507, 2010. IF: 2.920. #Refs = 10.
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