

# Adam Kowalski

## Lista Publikacji

1. Kowalski A., Bielec K., Bubak G., Żuk P.J., Czajkowski M., Sashuk V., Huck W.T.S., Antosiewicz J.M., Hołyst R. (2022). Effective screening of Coulomb repulsions in water accelerates reactions of like-charged compounds by orders of magnitude. *Nature Communications* 13, 6451.
2. Bielec K., Kowalski A., Bubak G., Witkowska Nery E., Hołyst R. (2022). Ion Complexation Explains Orders of Magnitude Changes in the Equilibrium Constant of Biochemical Reactions in Buffers Crowded by Nonionic Compounds. *The Journal of Physical Chemistry Letters* 13, 1, 112–117.
3. Kowalski A., Bielec K., Lis A., Piros T., Bubak G., Bernatowicz P., Hołyst R. (2023) Separating the effect of depletion interaction and Coulomb forces in crowded environments. The 7<sup>th</sup> International Soft Matter Conference, Osaka, September 4-8, 2023, Poster konferencyjny
4. Kowalski A., Bielec K., Bubak G., Witkowska Nery E., Hołyst R. (2022) Ion Complexation Explains Changes in the Equilibrium Constant of Biochemical Reactions in Buffers Crowded by Nonionic Compounds. ComBio2022, Melbourne, September 27-30, 2023, Poster konferencyjny
5. Kowalski A., Nalin F., Bielec K., Bubak G., Hołyst R. (2022) Fast determination of the equilibrium constant of biomolecular complexes with brightness analysis: application to RNA-DNA interactions. Non-Coding Genome, Paris, May 11-18, 2022, Poster konferencyjny.