

## List of publications

1. T. A. Beu, A. Farcas, "Tight-binding vibrational analysis of single-wall carbon nanotubes", AIP Conference Proceedings 1694, 020001 (2015).
2. T. A. Beu, A. Farcas, "Tight-binding normal mode analysis of suspended single-wall carbon nanotubes", EPL 113, 37004 (2016).  
**Impact Factor:** 1.957
3. T. A. Beu, A. Farcaş, "CHARMM force field and molecular dynamics simulations of protonated polyethylenimine", J. Comput. Chem. 38 (27), 2335 (2017).  
**Impact Factor:** 3.229
4. T. A. Beu, A. Farcaş, "Structure and Dynamics of Solvated Polyethylenimine Chains", AIP Conference Proceedings 1916, 020001 (2017).
5. A. Farcaş, T. A. Beu, "Complexation of DNA with Cationic Polymers", Studia UBB Chemia, LXIII, 2, 165 (2018).  
**Impact Factor:** 0.305
6. T. A. Beu, A. E. Ailenei, A. Farcaş, "CHARMM Force Field for Protonated Polyethyleneimine", J. Comput. Chem. 9999, 1 (2018).  
**Impact Factor:** 3.221
7. T. A. Beu, A. E. Ailenei, A. Farcaş, "Atomistic and Coarse-Grained Modeling of Polyethyleneimine", Chem. Phys. Lett., 714, 94-98 (2019).  
**Impact Factor:** 1.686