

- [16] Hori T., Shiga T., Shiomi J. (2013). Phonon transport analysis of silicon germanium alloys using molecular dynamics simulations, *Journal of Applied Physics*, Vol. 113, No. 203514, pp. 1-6. DOI: [10.1063/1.4807301](https://doi.org/10.1063/1.4807301)
- [17] Yang Z., Zhao J., Wei N. (2015). Temperature-dependent mechanical properties of monolayer black phosphorus by molecular dynamics simulations, *Applied Physics Letters*, Vol. 107, No. 023107, pp. 1-5. DOI: [10.1063/1.4926929](https://doi.org/10.1063/1.4926929)
- [18] Mei Q., Li C., Wang J., Chen J.F., Le Y. (2014). Molecular dynamics simulation on the interaction of CeO₂ and silane coupling agent in solutions, *Materials Research Bulletin*, Vol. 49, pp. 265-271. DOI: [10.1016/j.materresbull.2013.09.001](https://doi.org/10.1016/j.materresbull.2013.09.001)
- [19] Li X., Wang G., Li X., Lu D. (2004). Surface properties of polyaniline/nano-TiO₂ composites, *Applied Surface Science*, Vol. 229, pp. 395-401. DOI: [10.1016/j.apsusc.2004.02.022](https://doi.org/10.1016/j.apsusc.2004.02.022)
- [20] Cai Z., Zeng D., Liu J. (2005). The Influence of truncated radium on the molecular dynamics simulation of the interface between coexisting phases, *5th, International Symposium on Multiphase flow, Heat Transfer and Energy Conversion*, Xi An, China.
- [21] Yang Y. (2007). The study of molecular simulation on the interface of carbon fiber/epoxy resin, M.S. thesis, Department of Applied Chemistry, Harbin Institute of Technology, Harbin, China.
- [22] Sui S. Research on the influence of interface on dielectric properties of epoxy nanocomposites, M.S. thesis, School of materials science and Engineering, Harbin University of Science and Technology, Harbin, China, 2014.
- [23] Xie J., Tang C., Li X., Zhou Q., Xie J., Hu D. (2016). Force field properties in molecular simulation of amorphous region in cellulose insulation paper, *Oxidation Communications*, Vol. 39, No. 1 A, pp. 1236-1246.
- [24] Liao R., Li X., Yang L., Bai G. (2015). Effect of the ratios of aramid fiber to pulp on the properties of aramid paper, *High Voltage Engineering*, Vol. 41, No. 2, pp. 364-373. DOI: [10.13336/j.1003-6520.hve.2015.02.002](https://doi.org/10.13336/j.1003-6520.hve.2015.02.002)
- [25] Jain A., Vijayan K. (2002). Thermally induced structural changes in Nomex fibers, *Bulletin of Materials Science*, Vol. 25, No. 4, pp. 341-346. DOI: [10.1007/BF02704129](https://doi.org/10.1007/BF02704129)
- [26] Zhang S., Tang C., Chen G., Zhou Q., Lv C., Li X. (2015). The influence and mechanism of nano Al₂O₃ to the thermal stability of cellulose paper, *Sci Sin Tech*, Vol. 45, No. 11, pp. 1167-1179. DOI: [10.1360/N092015-00207](https://doi.org/10.1360/N092015-00207)
- [27] Chen C., Li W. (2009). Molecular dynamics simulation of hydrogen bonding characteristics in aqueous glycerol solutions, *Acta Physico-Chimica Sinica*, Vol. 25, No. 3, pp. 507-512.
- [28] Hofmann D., Fritz L., Ulbrich J., Paul D. (2000). Molecular simulation of small molecule diffusion and solution in dense amorphous polysiloxanes and polyimides, *Computational and Theoretical Polymer Science*, Vol. 10, pp. 419-436. DOI: [10.1016/S1089-3156\(00\)00007-6](https://doi.org/10.1016/S1089-3156(00)00007-6)