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Lista Publikacji

1. Makurat S., Chomicz-Mańska L., Rak J. (2016). Electrophilic 5-Substituted Uracils as Potential Radiosensitizers. A DFT Study, *ChemPhysChem* 17, 2572.
2. Makurat S., Zdrowowicz M., Chomicz-Mańska L., Kozak W., Serdiuk I. E., Wityk P., Kawecka A., Sosnowska M., Rak J. (2018). 5-Selenocyanato and 5-trifluoromethanesulfonyl Derivatives of 2'-Deoxyuridine: Synthesis, Radiation and Computational Chemistry as Well as Cytotoxicity, *RSC Adv.* 8, 21378.
3. Makurat S., Spisz P., Kozak W., Rak J., Zdrowowicz M. (2019). 5-Iodo-4-thio-2'-Deoxyuridine as a Sensitizer of X-ray Induced Cancer Cell Killing, *Int. J. Mol. Sci.* 20, 1308.
4. Makurat S.*, Cournia Z., Rak J. (2022), Inactive-to-Active Transition of Human Thymidine Kinase 1 Revealed by Molecular Dynamics Simulations, *J. Chem. Inf. Model.* 62, 142.
5. Makurat S., Yuan Q., Czub J., Chomicz-Mańska L., Cao W., Wang X. B., Rak J. (2022), Guanosine Dianions Hydrated by One to Four Water Molecules, *J. Phys. Chem. Lett.* 13, 3230.