Избранные публикации ведущей организации
ФГБУН Новосибирский институт органической химии им. Н.Н. Ворожцова Сибирского отделения Российской академии наук
по тематике защищаемой диссертации

1. M.A. Gromova, Yu.V. Kharitonov, L.V. Politanskaya, E.V. Tretyakov, E.E. Shults. A facile approach to hybrid compounds containing a tricyclic diterpenoid and fluorine-substituted heterocycles // J. Fluorine Chemistry. 2020. – V. 236. – Article N 109554**.** doi:10.1016/j.jfluchem.2020.109554.
2. T.A. Vaganova, Yu.V. Gatilov, D.P. Pishchur, E.V. Malykhin. Polyfluorinated hydroxy and carboxy benzenes as a new type of H-donors for self-assembly with 18-crown-6 ether: synthesis, supramolecular structure and stability of co-crystals. // J. Fluorine Chemistry. – 2020. – V. 236. – Article N 109577. **doi:**10.1016/j.jfluchem.2020.
3. С.А. Приходько, А.Ю. Шабалин, М.М. Шмаков, В.В. Бардин, Н.Ю. Адонин. Ионные жидкости с фторсодержащими анионами как новый класс функциональных материалов: особенности синтеза, физико-химических свойств и примеры использования // Известия Академии наук. Сер. химическая. – 2020. – № 1. – С. 17-31.
4. A.O. Finke, M.Y. Ravaeva, V.I. Krasnov, I.V. Cheretaev, E.N. Chuyan, D.S.Baev, E.E Shults. Cross-coupling-cyclocondensation reaction sequence to access a library of ring-C bridged pyrimidinotetrahydrothebaines and pyrimidinotetrahydrooripavines // ChemistrySelect. – 2021. – V. 6. – N 29. – P. 7391–7397. doi:10.1002/slct.202101790.
5. L. Politanskaya, B. Khasano, A. Potapov. Synthetic approaches to fluorinated derivatives of 4-(vinylthio)pyridine // J. Fluorine Chemistry. – 2022. – V. 264. – Article N 110063
6. A.O. Finke, V.G. Kartsev, E.E. Shults. Synthesis of alkaloid sinomenine derivatives containing a pyrimidine substituent in ring A. Chem. Heterocyclic

Compd. – 2021. – V. 57. – N 9. – P. 934-943. doi:10.1007/s10593-021-03003-4.

7. S. Wang, Ya.V. Zonov, V.M. Karpov, O.A. Luzina, T.V. Mezhenkova. Carbonylation of Polyfluorinated 1-Arylalkan-1-ols and Diols in Superacids // Molecules 2022, 27(24), 8757 **doi:**10.3390/molecules2724875
8. V.A. Stepanova, S.S. Patrushev, T.V. Rybalova, E.E. Shults. Cross-copling reaction to access a library of eudesmane-type methylene lactones with quinoline or isoquinoline substituent // Journal of Molecular Structure. – 2022. – V. 1247. - N 131373. **doi:**10.1016/j.molstruc
9. А.С. Виноградов, В.Е. Платонов. Реакции полифторароматических соединений цинка с оксалилхлоридом. Синтез 1,2-бис(полифторарил)этан-1,2-дионов. Известия Академии наук. Серия химическаяю – 2023. – N 10. – С. 2439-2445.
10. V.V. Komarov, T.V. Mezhenkova, V.M. Karpov, Ya.V. Zonov, V.I. Krasnov. Formation of polyfluoro-1-ethylfluorenes in the reaction of perfluoropropylbenzene with tetrafluorobenzenes in an SbF_5 medium // J. Fluorine Chemistry. – 2023. – V. 271. – Article N 110186. **doi:**10.1016/j.jfluchem.2023.110186
11. A.O. Finke, V.I. Krasnov, T.V. Rybalova, V.Yu. Chirkova, S.V. Belenkaya, D.N. Shcherbakov, E.E. Shults. A straightforward trifluoromethylation at the C6 position of morphinane alkaloids, their modification and evaluation of inhibition of the SARS-CoV-2 main protease // J. Fluorine Chemistry. – 2023. – V. 271. – Article N 110189 (1-10). https://doi.org/10.1016/j.jfluchem.2023.110189
12. L. Gurskaya, L. Politanskaya, Ji. Wang, P. Ilyina, A. Volobueva, V. Zarubaev. Efficient synthesis of novel fluorinated phenanthridin-6(5H)-one derivatives and in vitro evaluation of their antiviral activity. Journal of Fluorine Chemistry, 2024. – V. 274. – Article N 110240. **doi:**10.1016/j.jfluchem.2024.110