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1. **M. A. Novikov**, O. M. Nefedov. (2-Fluoroallyl)boronates: new reagents for diastereoselective 2-fluoroallylboration of aldehydes / M.A. Novikov, O.M. Nefedov // *Organic & Biomolecular Chemistry*. – 2018. – Vol. 16. – № 27. – P. 4963-4967.
2. A. Y. Bobrova, **M. A. Novikov**, Y. V Tomilov. (2-Fluoroallyl)pyridinium tetrafluoroborates: novel fluorinated electrophiles for Pd-catalyzed allylic substitution / A.Y. Bobrova, M.A. Novikov, Y. V Tomilov // *Organic & Biomolecular Chemistry*. – 2021. – Vol. 19. – № 21. – P. 4678-4684.
3. A. Y. Bobrova, **M. A. Novikov**, I. A. Mezentsev, Y. V Tomilov. (2-Fluoroallyl)palladium complexes as intermediates in Pd-catalyzed Tsuji-Trost 2-fluoroallylations: Synthesis and reactivity // *Journal of Fluorine Chemistry*. – 2020. – Vol. 236. – P. 109553.
4. **M. A. Novikov**, A. Y. Bobrova, I. A. Mezentsev, M. G. Medvedev, Y. V Tomilov. (2-Fluoroallyl)boration of Ketones with (2-Fluoroallyl)boronates // *The Journal of Organic Chemistry*. – 2020. – Vol. 85. – № 10. – P. 6295-6308.
5. A. A. Andrianova, Y. D. Maslova, **M. A. Novikov**, S. E. Semenov, O. M. Nefedov. (NHC)AgCl catalyzed bromofluorocyclopropanation of alkenes with $\text{CFBr}_2\text{CO}_2\text{Na}$ // *Journal of Fluorine Chemistry*. – 2018. – Vol. 209. – P. 49-55.
6. **M. A. Novikov**, Y. A. Ibatov, N. V Volchkov, M. B. Lipkind, S. E. Semenov, O. M. Nefedov. Copper-catalyzed ligand free ring-opening amination of gem-fluorohalocyclopropanes – An efficient route toward 2-fluoroallylamines // *Journal of Fluorine Chemistry*. – 2017. – Vol. 194. – P. 58-72.
7. **M. A. Novikov**, N. V Volchkov, M. B. Lipkind, O. M. Nefedov. Copper(I)-catalyzed solvolysis of gem-chlorofluoro- and gem-bromofluorocyclopropanes. Preparation of 2-fluoroallylic ethers, esters and alcohols // *Journal of Fluorine Chemistry*. – 2015. – Vol. 180. – P. 131-143.
8. N. V. Volchkov, M. B. Lipkind, **M. A. Novikov**, O. M. Nefedov. Aluminum oxide-induced gas-phase ring-opening in methyl substituted gem-difluorocyclopropanes, leading to 2-fluorobuta-1,3-dienes and vinylacetylenes // *Russian Chemical Bulletin*. – 2015. – Vol. 64. – P. 658-663.
9. N. V. Volchkov, M. B. Lipkind, **M. A. Novikov**, O. M. Nefedov. Gas-phase pyrolysis of 1-chloro-1-fluoro-2-methylcyclopropanes in the presence of

- SiO₂ or Al₂O₃ with the formation of 2-chloro- or 2-fluorobuta-1,3-dienes // Russian Chemical Bulletin. – 2014. – Vol. 63. – P. 2250-2254.
10. A. Lishchynskyi, **M. A. Novikov**, E. Martin, E. C. Escudero-Adán, P. Novák, V. V. Grushin. Trifluoromethylation of Aryl and Heteroaryl Halides with Fluoroform-Derived CuCF₃: Scope, Limitations, and Mechanistic Features // The Journal of Organic Chemistry. – 2013. – Vol. 78. – № 22. – P. 11126-11146.
 11. V.I. Bakhmutov, F. Bozoglian, K. Gómez, G. González, V. V. Grushin, S. A. Macgregor, E. Martin, F. M. Miloserdov, **M. A. Novikov**, J. A. Panetier, L. V. Romashov. CF₃-Ph Reductive Elimination from [(Xantphos)Pd(CF₃)(Ph)] // Organometallics. – 2012. – Vol. 31. – № 4. – P. 1315-1328.
 12. A. Zanardi, **M. A. Novikov**, E. Martin, J. Benet-Buchholz, V. V. Grushin. Direct Cupration of Fluoroform // Journal of the American Chemical Society. – 2011. – Vol. 133. – № 51. – P. 20901-20913.