

Список публикаций сотрудников

ФГБОУ ВО Санкт-Петербургский государственный лесотехнический университет им. С. М. Кирова

1. Электрофильная активация ацетиленовых соединений в суперкислотах. Реакции катионов винильного типа / А.В. Васильев // Успехи химии. – 2013. – V. 82, № 3. – P. 187-204.
2. Реакции трифторметилзамещенных арилацетиленов с аренами в суперкислотах / Х. М. Х. Аль-Хафаджи, Д. С. Рябухин, В. М. Музалевский, Л. В. Осетрова, А. В. Васильев, В. Г. Ненайденко // Журнал органической химии. – 2013. – Т. 49, № 3. – С. 341-354.
3. Regiocontrolled hydroarylation of (trifluoromethyl)acetylenes in superacids: synthesis of CF₃-substituted 1,1-diarylethenes / H. M. H. Alkhafaji, D. S. Ryabukhin, A. V. Vasilyev, V. M. Muzalevskiy, A. V. Shastin, V. G. Nenajdenko, G. K. Fukin // European Journal of Organic Chemistry. – 2013. – N. 6. – P. 1132-1143.
4. Catalytic activity of palladium acyclic diaminocarbene complexes in the synthesis of 1,3-diarylpropynones via Sonogashira reaction: cross- versus homo-coupling / D. S. Ryabukhin, A. V. Vasilyev, V. N. Sorokoumov, E. A. Savicheva, V. P. Boyarskiy, I. A. Balova // Tetrahedron Letters. – 2013. – V. 54, N. 19. – P. 2369-2372.
5. Acid-promoted transformations of 1-(diphenylphosphoryl)allenes: synthesis of novel 1,4-dihydrophosphinoline 1-oxides / A. S. Bogachenkov, A. V. Dogadina, V. P. Boyarskiy, A. V. Vasilyev // Organic and Biomolecular Chemistry. – 2015. – V. 13, № 5. – P. 1333-1338.
6. One-pote tandem hydrophenylation and ionic hydrogenation of 3-phenylpropynoic acid derivatives under superelectrophilic activation / D. I. Nilov, A. V. Vasilyev // Tetrahedron Letters. – 2015. – V. 56, № 42. – P. 5714-5717.
7. TfOH promoted reactions of vinyl gem-dichlorocyclopropanes with arenes: access to aryl gem-dichloropentenes / A. N. Kazakova, A. A. Bogomazova, R. O. Iakovenko, S. S. Zlotsky, A. V. Vasilyev // Tetrahedron Letters. – 2016. – V. 57, № 37. – P. 4210-4212.
8. Acid-promoted transformations of aryl substituted diphenylphosphoryl allenes / S. V. Lozovskiy, A. S. Bogachenkov, A. V. Dogadina, V. Aleksander, A. V. Vasilyev // Tetrahedron Letters. – 2016. – V. 57, № 29. – P. 3167-3170.

9. Alkenylation of arenes and heteroarenes with alkynes / V. P. Boyarskiy, D. S. Ryabukhin, N. A. Bokach, A. V. Vasilyev // *Chemical Reviews*. – 2016. – V. 116, № 10. – P. 5894–5986.
10. Синтез производных (изо)хинолина, (изо)кумарина и (изо)хромена из ацетиленовых соединений / Д. С. Рябухин, А. В. Васильев // *Успехи химии*. – 2016. – Т. 85, № 6. – С. 637–665.
11. Towards isocoumarin-fused enediyne systems through the electrophilic cyclization of methyl *o*-(buta-1,3-diynyl)benzoates / N. A. Danilkina, L. Yu. Gurskaya, A. V. Vasilyev, I. A. Balova // *European Journal of Organic Chemistry*. – 2016. – № 4. – P. 739-747.
12. Synthesis of 1,4-dihydrophosphinoline 1-oxides by acid-promoted cyclization of 1-(diphenylphosphoryl)allenes / A. S. Bogachenkov, A. V. Dogadina, I. A. Boyarskaya, V. P. Boyarskiy, A. V. Vasilyev // *Organic and Biomolecular Chemistry*. – 2016. – V. 14, № 4. – P. 1370-1381.
13. Bronsted acid promoted cyclization of cross-conjugated enynones into dihydropyran-4-ones / S. Saulnier, S. V. Lozovskiy, A. A. Golovanov, A. Yu. Ivanov, A.V. Vasilyev // *European Journal of Organic Chemistry*. – 2017. – № 25. – P. 3635-3645.
14. Acetylene radical-cations in carbon-carbon bond forming reactions / A.V. Vasilyev // *Mini-Reviews in Organic Chemistry*. – 2017. – V. 14, № 3. – P. 204-216.