

Избранные публикации ведущей организации **Федерального государственного
бюджетного учреждения науки Институт Нефтехимии и Катализа Российской
Академии Наук** по тематике защищаемой диссертации

1. Sultanov R.M., Khafizov F.Sh, Ozden I.V., Shutov N.V., Sabirov D.Sh, Dzhemilev U.M. On the Two-Route Mechanism of the Reaction of 1-Alkenes with EtMgX Catalyzed by TaCl₅. // *Russian Journal of General Chemistry*. – 2019 – том 89 – № 4 – с. 647-652.
2. Galimov D.I., Tuktarov A.R., Sabirov D.Sh., Khuzin A.A., Dzhemilev U.M. Reversible luminescence switching of a photochromic fullerene[60]-containing spiropyran. // *Journal of Photochemistry and Photobiology A: Chemistry*. – 2019. – том 375. – С. 64-70.
3. Parfenova L.V., Kovyazin P.V., Gabdrakhmanov V.Z., Istomina G.P., Ivchenko P.V., Nifant'ev I.E., Khalilov L.M., Dzhemilev U.M. Ligand exchange processes in zirconocene dichloride–trimethylaluminum bimetallic systems and their catalytic properties in reaction with alkenes. // *Dalton Transactions*. – 2018. – том 47, – № 47, – С. 16918-16937.
4. Parfenova L.V., Kovyazin P.V., Nifant'ev I.E., Khalilov L.M., Dzhemilev U.M. Role of Zr,Al Hydride Intermediate Structure and Dynamics in Alkene Hydroalumination with XAlBu₂ (X = H, Cl, Buⁱ), Catalyzed by Zr η⁵ Complexes. // *Organometallics*. – 2015. – том 34 – № 14, – С. 3559-3570.
5. Sultanov R.M., Samoilova E.V., Popod'Ko N.R., Sabirov D.S., Dzhemilev U.M. The tantalum-catalyzed carbozincation of 1-alkenes with zinc dialkyls. // *Journal of Organometallic Chemistry*. – 2015 – том 776. – С. 23-29.
6. Ramazanov I.R., Yaroslavova A.V., Dzhemilev U.M., Nefedov O.M. Cyclopropanation of alkynols with the CH₂I₂-R₃Al system. // *Russian Chemical Bulletin*. – 2011. – том 60, – № 2, – С. 313-318.
7. Панкратьев Е.Ю., Хурсан С.Л., Джемилев У.М. Квантово-химическое моделирование механизма катализируемой Cp₂ZrCl₂ реакции карбоалюминирования алкенов алкилаланами. // *Доклады Академии наук*. – 2012 – том 443, – № 1, – С. 59-63.
8. Ramazanov I.R., Dil'mukhametova L.K., Dzhemilev U.M., Nefedov O.M. The conversion of alkynes into substituted cyclopropanes effected by CH₂I₂-R₃Al (R = Me, Et, ⁱ-Bu). // *Journal of Organometallic Chemistry*. – 2010 – том 695, – № 14, – С. 1761-1767.