

Избранные публикации официального оппонента доктора химических наук

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по тематике защищаемой диссертации

1. Chapala P.P., Bermeshev M.V., Starannikova L.E., Belov N.A., Ryzhikh V.E., Shantarovich V.P., Lakhtin V.G., Gavrilova N.N., Yampolskii Y.P., Finkelshtein E.Sh. A Novel, Highly Gas-Permeable Polymer Representing a New Class of Silicon-Containing Polynorbornenes As Efficient Membrane Materials // *Macromolecules* – 2015. – V. 48, N 22, P.8055–8061.
2. Chapala P., Bermeshev M., Starannikova L., Borisov I., Shantarovich V., Lakhtin V., Volkov V., Finkelshtein E. Synthesis and Gas-Transport Properties of Metathesis Polytricyclononenes Bearing Three Me<sub>3</sub>Si Groups per Monomer Unit // *Macromolecular Chemistry and Physics* – 2016. – V. 217, N 17, P.1966-1976.
3. Chesnokov G.A., Griбанov P.S., Topchiy M.A., Minaeva L.I., Asachenko A.F., Nechaev M.S., Bermешева E.V., Bermeshev M.V. Solvent-free Buchwald–Hartwig amination with low palladium loadings // *Mendeleev Communications* – 2017. – V. 27, N 6, P.618-620.
4. Alentiev D.A., Korchagina S.A., Finkel'shtein E.S., Nechaev M.S., Asachenko A.F., Topchiy M.A., Griбанov P.S., Bermeshev M.V. Addition homo- and copolymerization of 3-triethoxysilyltricyclo[4.2.1.0<sup>2,5</sup>]non-7-ene // *Russian Chemical Bulletin* – 2018. – V. 67, N 1, P.121-126.
5. Alentiev D.A., Bermeshev M.V., Starannikova L.E., Bermешева E.V., Shantarovich V.P., Bekeshev V.G., Yampolskii Yu.P., Finkelshtein E.S. Stereoselective Synthesis and Polymerization of Exo-5-Trimethylsilylnorbornene // *Journal of Polymer Science Part A*. – 2018. – V. 56. N 12, P.1234–1248.
6. Shorunov S.V., Plutschack M.B., Bermeshev M.V., Guzei I.A. Synthesis and unusual photochemistry of a highly reactive pyrimidinedione // *Mendeleev Communications* – 2018. – V. 28, N 5, P.501-502.
7. Karpov G.O., Bermeshev M.V., Borisov I.L., Sterlin S.R., Tyutyunov A.A., Yevlampieva N.P., Bulgakov B.A., Volkov V.V., Finkelshtein E.S. Metathesis-type poly-exo-tricyclononenes with fluoroorganic side substituents: Synthesis and gas-transport properties // *Polymer* – 2018. – V. 153, P.626-636.
8. Griбанov P.S., Golenko Y.D., Topchiy M.A., Philippova A.N., Kirilenko N.Y., Krivoshchapov N.V., Sterligov G.K., Asachenko A.F., Bermeshev M.V., Nechaev M.S. One-pot two-step stannylation/Stille homocoupling of aryl bromides and iodides under solvent-free conditions // *Mendeleev Communications* – 2018. – V. 28, N 3, P.323-325.
9. Agheshina A.A., Sterligov G.K., Rzhveskiy S.A., Topchiy M.A., Chesnokov G.A., Griбанov P.S., Melnikova E.K., Nechaev M.S., Asachenko A.F., Bermeshev M.V. Mixed η<sup>3</sup>-NHC/phosphine Pd(ii) complexes and their catalytic activity in the Buchwald–Hartwig reaction under solvent-free conditions // *Dalton Transactions* – 2019. – V. 48, N 10, P.3447-3452.