

### Список основных публикаций

к.х.н., **Алентьева Дмитрия Александровича** научного сотрудника Лаборатории кремнийорганических и углеводородных циклических соединений ФГБУН «Институт нефтехимического синтеза им. А.В. Топчиева РАН» в рецензируемых научных изданиях за последние 5 лет:

1. **Alentiev D.A.**, Bermeshev M.V. Design and Synthesis of Porous Organic Polymeric Materials from Norbornene Derivatives. // *Polym. Rev.* – 2021. – P. 1-38.
2. Karpov G.O., **Alentiev D.A.**, Wozniak A.I., Bermesheva E.V., Lounev I.V., Gusev Y.A., Shantarovich V. P., Bermeshev M.V. Dielectric properties of addition and metathesis polynorbornenes with bulky side-substituents. // *Polymer* – 2020. – Vol. 203. – P. 122759.
3. Kolmangadi M.A., Szymoniak P., Smales G.J., **Alentiev D.A.**, Bermeshev M., Böhning M., Schönhals A. // *Macromolecules* – 2020. – Vol. 53. – P. 7410-7419.
4. Alentiev A.Yu, Bogdanova Yu G., Dolzhikova V.D., Belov N.A., Nikiforov R.Yu, **Alentiev D.A.**, Karpov G.O., Bermeshev M.V., Borovkova N.V., Evseev A.K., Makarov M.S., Goroncharovskaya I.V., Storozheva M.V., Zhuravel S.V. The Evaluation of the Hemocompatibility of Polymer Membrane Materials for Blood Oxygenation. // *Membr. Membr. Technol.* – 2020. – Vol. 2. – P. 368-382.
5. **Alentiev D.A.**, Egorova E.S., Bermeshev M.V., Starannikova L.E., Yampolskii Y.P., Finkelshtein E.Sh. Crosslinking of addition copolymers from tricyclononenes bearing (CH<sub>3</sub>)<sub>3</sub>Si- and (C<sub>2</sub>H<sub>5</sub>O)<sub>3</sub>Si-groups as a modification of membrane gas separation materials. // *Polym. Eng. Sci.* – 2019. – Vol. 59. – P. 2502-2507.
6. Bermesheva E.V., **Alentiev D.A.**, Moskalets A.P., Bermeshev M.V. New Adhesive Materials Based on Silicon-Substituted Polynorbornenes. // *Polym. Sci. Ser. B* – 2019. – Vol. 61. – P. 314-322.
7. Guseva M.A., **Alentiev D.A.**, Bermesheva E.V., Zamilatskov I.A., Bermeshev M.V. The selective hydrosilylation of norbornadiene-2,5 by monohydrosiloxanes. // *RSC Adv.* – 2019. – Vol. 9. – P. 33029-33037.
8. **Alentiev D.A.**, Korchagina S.A., Finkel'shtein E.Sh, 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. // *Russ. Chem. Bull.* – 2018. – Vol. 67. – P. 121–126.
9. **Alentiev D.A.**, Egorova E.S., Bermeshev M.V., Starannikova L.E., Topchiy M.A., Asachenko A.F., Griбанov P.S., Nechaev M.S., Yampolskii Y.P., Finkelshtein E.Sh. Janus tricyclononene polymers bearing tri(N-alkoxy)silyl side groups for membrane gas separation. // *J. Mater. Chem. A* – 2018. – Vol. 6. – P. 19393-19408.
10. **Alentiev D.A.**, Dzhaparidze D.M., Chapala P.P., Bermeshev M.V., Belov N.A., Nikiforov R.Yu, Starannikova L.E., Yampolskii Yu P., Finkelshtein E.Sh. Synthesis and Properties of Metathesis Polymer Based on 3-Silatranyltricyclo[4.2.1.0<sup>2,5</sup>]non-7-ene. // *Polym. Sci. Ser. B* – 2018. – Vol. 60. – P. 612–620.