

**Список публикаций сотрудников Федерального государственного
бюджетного образовательного учреждения высшего образования
«Российский химико-технологический университет имени Д.И.
Менделеева» за последние 5 лет в области, близкой теме диссертации
Ким Э.Е.**

1. Bezdomnikov A. A. Delay in the Freezing of Supercooled Water Drops on Superhydrophobic Surfaces of Silicone Rubber at Negative Temperatures / A. A. Bezdomnikov, A. M. Emel'yanenko, K. A. Emel'yanenko, L. B. Boinovich // Russian Journal of Physical Chemistry A. – 2018. – Vol. 92. – № 1. – P. 178-184.
2. Aristova V. A. Environmentally Friendly Synthesis and Self-Catalytic Hydrolysis of Triazole-Modified Organosilanes for Polysiloxane Production / V. A. Aristova, K. A. Bezlepkina, K. S. Klokova [et al.] // ChemistrySelect. – 2023. – Vol. 8. – № 42.
3. Chernysheva A. I. Degradable covalently-linked siloxane-phosphazene polymer for drug loading and releasing / A. I. Chernysheva, E. A. Karpova, D. A. Terentyeva [et al.] // Reactive and Functional Polymers. – 2023. – Vol. 182. – P. 105491.
4. Grushevenko E. A. Evaluation of the Efficiency of Polydecylmethylsiloxane in the Separation of a 1-Hexene–Heptanal Mixture / E. A. Grushevenko, T. N. Rohmanka, G. A. Dibrov [et al.] // Membranes and Membrane Technologies. – 2022. – Vol. 4. – № 6. – P. 357-366.
5. Kostyleva E. I. Heat-Resistant Polyorganosiloxane Dielectrics / E. I. Kostyleva, A. N. Novikov, T. A. Ilyina [et al.] // Russian Journal of Applied Chemistry. – 2022. – Vol. 95. – № 8. – P. 1169-1173.
6. Olikhova Y. V. An Epoxy-Siloxane Composite with Enhanced Deformation Heat Resistance and Improved Deformation and Strength Characteristics / Y. V. Olikhova, N. Le Khoang, N. V. Kostromina [et al.] // Polymer Science, Series D. – 2018. – Vol. 11. – № 1. – P. 6-10.
7. Shtilman M. I. Synthesis and Study of the Properties of Amphiphilic Poly-N-Vinylpyrrolidone with Terminal Thioalkyl Groups / M. I. Shtilman, A. N. Kuskov, P. P. Kulikov [et al.] // Journal of Siberian Federal University. Biology. – 2019. – P. 258-265.
8. Klimenko O. V. Reprogramming of CaCo2 colorectal cancer cells after using the complex of poly-(N-vinylpyrrolidone) with small non-coding RNAs / O. V. Klimenko, M. Shtilman // Toxicology Reports. – 2019. – Vol. 6. – P. 186-192.
9. Bityukov O. V. Solvent-free silica gel mediated decarboxylation of C–O coupling products of β -diketones and β -oxo esters with malonyl peroxides / O. V. Bityukov, V. A. Vil', N. V. Lukashin [et al.] // Mendeleev Communications. – 2019. – Vol. 29. – № 1. – P. 55-56.
10. Taydakov I. V. A convenient and practical synthesis of β -diketones bearing linear perfluorinated alkyl groups and a 2-thienyl moiety / I. V. Taydakov, Y. M. Kreshchenova, E. P. Dolotova // Beilstein Journal of Organic Chemistry. – 2018. – Vol. 14. – P. 3106-3111.