

Список избранных публикаций **Аверина Алексея Дмитриевича**, доктора
химических наук, ведущего научного сотрудника кафедры органической химии
химического факультета ФГБОУ ВО Московский государственный университет имени

М.В. Ломоносова

1. Ruthenium(II) complexes with phosphonate-substituted phenanthroline ligands as reusable photoredox catalysts / G.V. Morozkov, A.S. Abel, K.A. Lyssenko, V.A. Roznyatovsky, **A.D. Averin**, I.P. Beletskaya // Dalton Trans. – 2024. – 53, №2. – P. 535-551.
2. Novel approach for downstream processing of phytosterol bioconversion / S.M. Khomutov, A.A. Shutov, **A.D. Averin**, D.V. Dovbnya, M.V. Donova // J. Chem. Tec. Biotech. – 2023. – 98, №10. – P. 2455-2461.
3. Heterobinuclear Metallocomplexes as Photocatalysts in Organic Synthesis / V.A. Ionova, A.S. Abel, **A.D. Averin**, I.P. Beletskaya // Catalysts. – 2023. – 13, № 4. – P. 768.
4. Recent Achievements in the Copper-Catalyzed Arylation of Adamantane-Containing Amines, Di- and Polyamines / **A.D. Averin**, S.P. Panchenko, A.V. Murashkina, V.I. Fomenko [et al.] // Catalysts. – 2023. – 13, №5. – P. 831.
5. Molecular Engineering of Ruthenium(II) Complexes with (3-Polyamino)phenanthroline Ligands for Developing Reusable Optical Sensors for Cu(II) ions / A.S. Abel, A.A. Cheprakov, **A. Averin**, I.P. Beletskaya [et al.] // J. Mat. Chem. C. – 2022. – 10, №45. – P. 17266-17280.
6. Ruthenium(II) complexes with phosphonate-substituted phenanthroline ligands: synthesis, characterization and use in organic photocatalysis / G.V. Morozkov, A.S. Abel, M.A. Filatov., S.E. Nefedov, V.A. Roznyatovsky., A.V. Cheprakov, A.Yu. Mitrofanov, I.S. Ziankou, **A.D. Averin**, I.P. Beletskaya [et al.] // Dalton Trans. – 2022. – 53, №2. – P. 535-551.
7. Beletskaya I.P. Metal-Catalyzed Reactions for the C(SP²)-N Bond Formation: Achievements of Recent Years / I.P. Beletskaya, **A.D. Averin** // Russ. Chem. Rev. – 2021. – 90, №11. – P. 1359-1396.
8. 2,7-Dibromonaphthalene and 4,4'-dibromobiphenyl in the synthesis of oxadiazine N, N, N', N'-tetraaryl derivatives and studies of formation of bismacrocyclic compounds from them / **A.D. Averin**, A.N. Uglov, G.A. Zubrienko, A.S. Abel, A.K. Buryak, I.P. Beletskaya // Russ. Chem. Bull. – 2021. – 70, №11. – P. 2164-2179.
9. 1,10-Phenanthroline Carboxylic Acids for Preparation of Functionalized Metal-Organic Frameworks / A.S. Abel, A.Y. Mitrofanov, A.A. Yakushev, I.S. Zenkov, G.V. Morozkov, **A.D. Averin**, I.P. Beletskaya [et al.] // Asian J. Org. Chem. – 2019. – 8. – P. 2128-2142.
10. Synthesis of 3,7-diacyl-1,5-dimethyl-3,7-diazabicyclo[3.3.1]nonanederivatives as promising lipid bilayer modifiers / P.N. Veremeeva, I.V. Grishina, O.V. Zaborova, **A.D. Averin**, V.A. Palyulin // Tetrahedron. – 2019. – 75, №33. – P. 4444-4450.