

Избранные публикации официального оппонента **Вацадзе Сергея Зарабовича**,
доктора химических наук, профессора РАН, заведующего лабораторией
супрамолекулярной химии Федерального государственного бюджетного
учреждения науки Института органической химии им. Н. Д. Зелинского
Российской академии наук.

1. Bispidine-Based Macrocycles: Achievements and Perspectives / A. V. Medved'ko, S. V. Gaisen, M. A. Kalinin, **S. Z. Vatsadze** // Organics. – 2023. – Vol. 4. – № 3. – P. 417-437.
2. NIR-emitting ytterbium complexes with a large Stokes shift for detection of sulfide / D. S. Koshelev, L. O. Tcelykh, R. E. Mustakimov, **S. Z. Vatsadze** [et al.] // Journal of Luminescence. – 2023. – Vol. 263. – P. 120054.
3. Gaisen S. V. Synthesis of Chiral Macrocycles Based on Bispidine / S. V. Gaisen, A. V. Medved'ko, **S. Z. Vatsadze** // Russian Journal of Organic Chemistry. – 2023. – Vol. 59. – № 3. – P. 417-421.
4. Investigation of the possibility of complex formation of bidentate bispidine ligands with copper(ii) salts in solution by proton NMR spectroscopy / A. A. Pavlov, A. I. Dalinger, E. V. Suslov, **S. Z. Vatsadze** [et al.] // Russian Chemical Bulletin. – 2023. – Vol. 72. – № 3. – P. 635-640.
5. Europium complexes with dinitropyrazole: unusual luminescence thermal behavior and irreversible temperature sensing / V. V. Utochnikova, I. A. Tsymbarenko, **S. Z. Vatsadze** [et al.] // Physical Chemistry Chemical Physics. – 2021. – Vol. 23. – № 45. – P. 25480-25484.
6. New approach to increase the sensitivity of Tb–Eu-based luminescent thermometer / M. B. Vialtsev, A. I. Dalinger, E. V. Latipov, **S. Z. Vatsadze** [et al.] // Physical Chemistry Chemical Physics. – 2020. – Vol. 22. – № 44. – P. 25450-25454.
7. Ferrocene-contained metal organic frameworks: From synthesis to applications / Z. Huang, H. Yu, L. Wang, **S. Z. Vatsadze** [et al.] // Coordination Chemistry Reviews. – 2021. – Vol. 430. – P. 213737.
8. Preparation of Ferrocene-Terminated Dendrimers for the Thermal Decomposition of Ammonium Perchlorate / J. Liu, H. Yu, L. Wang, **S. Z. Vatsadze** [et al.] // Macromolecular Rapid Communications. – 2023. – Vol. 44. – № 13.
9. Lanthanide Complexes with 2-(Tosylamino)-benzylidene-N-(aryloyl)hydrazones: Universal Luminescent Materials / A. Kovalenko, P. O. Rublev, L. O. Tcelykh, **S. Z. Vatsadze** [et al.] // Chemistry of Materials. – 2019. – Vol. 31. – № 3. – P. 759-773.
10. Luminescence of Europium Complexes with Triazole-Containing Ligands / J. Hoon Kim, A. I. Dalinger, A. V. Medvedko, **S. Z. Vatsadze** [et al.] // General Chemistry. – 2020. – Vol. 6. – № 4. – P. 200002