

Избранные публикации официального оппонента

Ромашова Леонида Владимировича,

кандидата химических наук, научного сотрудника Лаборатории металлокомплексных и наноразмерных катализаторов Федерального государственного бюджетного учреждения науки Института органической химии им. Н.Д. Зелинского Российской академии наук.

1. Bio-Derived Furanic Compounds with Natural Metabolism: New Sustainable Possibilities for Selective Organic Synthesis / L. V. Romashov, F. A. Kucherov, K. S. Kozlov, V. P. Ananikov // International Journal of Molecular Sciences. – 2023. – Vol. 24. – № 4. – p. 3997.
2. Romashov, L. V. Development of 3D+G printing for the design of customizable flow reactors/ L. V. Romashov, V. P. Ananikov // Chemical Engineering Journal. – 2022. – Vol. 430. – p. 132670.
3. Atom-economic approach to the synthesis of α -(hetero)aryl substituted furan derivatives from biomass./ L. V. Romashov, K. S. Kozlov, M. K. Skorobogatko [et al.] // Chemistry - An Asian Journal. – 2021. – Vol. 17. – № 1.
4. Biomass-Derived Ionic Liquids Based on a 5-HMF Platform Chemical: Synthesis, Characterization, Biological Activity, and Tunable Interactions at the Molecular Level/ M. M. Seitkalieva, A. V. Vavina, L. V. Romashov [et al.] // ACS Sustainable Chemistry and Engineering. – 2021. – Vol. 9. – № 9. – pp. 3552-3570.
5. Biobased C6-Furans in Organic Synthesis and Industry: Cycloaddition Chemistry as a Key Approach to Aromatic Building Blocks/ F. A. Kucherov, L. V. Romashov, G. M. Averochkin [et al.] // ACS Sustainable Chemistry and Engineering. – 2021. – Vol. 9. – № 8. – pp. 3011-3042.
6. Kozlov, K. S. A tunable precious metal-free system for selective oxidative esterification of biobased 5-(hydroxymethyl)furfural/ K. S. Kozlov, L. V. Romashov, V. P. Ananikov // Green Chemistry. – 2019. – Vol. 21. – № 12. – pp. 3464-3468.
7. Chemical Transformations of Biomass-Derived C6-Furanic Platform Chemicals for Sustainable Energy Research, Materials Science, and Synthetic Building Blocks/ F. A. Kucherov, L. V. Romashov, K. I. Galkin, V. P. Ananikov // ACS Sustainable Chemistry and Engineering. – 2018. – Vol. 6. – № 7. – pp. 8064-8092.
8. Romashov, L. V. Alkynylation of Bio-Based 5-Hydroxymethylfurfural to Connect Biomass Processing with Conjugated Polymers and Furanic Pharmaceuticals./ L. V. Romashov, V. P. Ananikov // Chemistry - An Asian Journal. – 2017. – Vol. 12. – № 20. – pp. 2652-2655.
9. Romashov, L. V. Synthesis of HIV-1 capsid protein assembly inhibitor (CAP-1) and its analogues based on a biomass approach./ L. V. Romashov, V. P. Ananikov // Organic and Biomolecular Chemistry. – 2016. – Vol. 14. – № 45. – pp. 10593-10598.
10. Critical Influence of 5-Hydroxymethylfurfural Aging and Decomposition on the Utility of Biomass Conversion in Organic Synthesis./ K. I. Galkin, E. A. Krivodaeva, L. V. Romashov [et al.] // Angewandte Chemie - International Edition. – 2016. – Vol. 55. – № 29. – pp. 8338-8342.