

Special Issue

Recent Advances in Catalytic Synthesis and Application of Heterocyclic and Heteroatom Compounds

Message from the Guest Editors

The chemistry of heterocyclic and heteroatom compounds is a vast and important area of research. These compounds have attracted considerable attention due to their various valuable properties and diverse biological activities. Many of these compounds are useful ligands for transition metal catalysts, which play a huge role in modern organic synthesis. The Special Issue will focus on the recent advances in catalytic synthesis and application of heterocyclic and heteroatom compounds. Original research articles and reviews describing advanced catalytic approaches and innovative methodologies are especially welcome. Contributions may cover all aspects of design, catalytic synthesis, and application of organic heteroatom and heterocyclic compounds. Particular attention will be paid to the synthesis of new efficient catalysts and compounds that mimic the catalytic functions of enzymes, including glutathione peroxidase.

Guest Editors

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Prof. Dr. Svetlana V. Amosova
Dr. Alexander V. Martynov

Deadline for manuscript submissions

closed (30 June 2023)



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