Special Issue

Recent Advances in Heterocycles Synthesis

Message from the Guest Editors

Heterocyclic compounds are of pivotal importance and pervasive in several areas of our daily life. From medicines to smart materials, and from natural products to foodstuffs, heterocycles are essential cores in a countless number of useful molecules. Since the beginning of the 19th century, interest towards the chemistry of heterocycles never ended. Synthetic chemists continue to develop accurate and selective tactics for accessing heterocyclic scaffolds. In the last decade, progress in catalysis, photo- and electrocatalysis, and progress in synthetic technologies boosted the development of efficient methods to prepare heterocycles. At the same time, new functions and biological activities have been discovered. This Special Issue aims at providing a useful resource of knowledge on recent achievements in the field of heterocyclic chemistry, and we warmly invite colleagues to contribute to this Special Issue with both experimental and theoretical contributions in order to expand our knowledge in this endless research area. Original experimental and computational studies are welcome as well as critical analyses of existing and future challenges in the field.

Guest Editors

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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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