

Special Issue

Organoselenium Reagents and Their Applications

Message from the Guest Editor

In the last few decades organoselenium chemistry has rapidly grown and it is now considered a powerful tool in the hand of organic chemists. Organoselenium reagents have been the object of intense synthetic and mechanistic studies. Electrophilic or nucleophilic reagents, as well as radical precursors, have been synthesized and used for reliable and general synthetic transformations. New applications of selenium chemistry have appeared in attractive areas of synthetic organic chemistry such as sustainable chemistry, heterocycle synthesis, natural product synthesis, stereoselective reactions, catalysis, and asymmetric synthesis. Moreover, a great number of selenium-containing compounds has been synthesized and biologically evaluated in the frame of drug discovery projects. The aim of this Special Issue is to collect original research papers and review articles focused on all the above-mentioned aspects of selenium research.

Guest Editor

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Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 30th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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