

Special Issue

Green and Sustainable Methods in Organic Chemistry

Message from the Guest Editor

The chemical industry generates a large variety of products including (i) basic chemicals (polymers, petrochemicals, and basic inorganics); (ii) specialty chemicals for crop protection, paints, inks, colorants, textiles, paper, and engineering; and (iii) consumer chemicals including detergents, soaps, etc. The chemical industry also produces a wide range of products. Most of the processes used today are derived from the chemistry developed in the 20th century. In order to replace current chemical treatments and create new ones, chemists have recently established chemical reactions and processes based on renewable resources, catalysis, atomic economics, less-hazardous chemical steps, safer (less-toxic) solvents, auxiliaries, and new alternative technologies. The aim of this Special Issue is to cover promising recent research in homogeneous and heterogeneous catalysis and novel trends in the field of new ambitious technologies using continuous-flow chemistry, microwave, ultrasound, light, ball milling, and, more remarkably, novel combinations of these technologies.

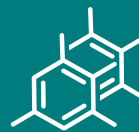
Guest Editor

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About the Journal

Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th 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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