

Special Issue

Sustainable Synthesis

Message from the Guest Editor

The aim of the development of green and sustainable chemistry is to maximize the benefit of chemistry and chemical products introduced to human society, and minimize their side effects on the environment and public health. This Special Issue presents recent developments on green and sustainable techniques for organic synthesis. It covers following four areas: 1) catalysis reactions (metal-catalysis, organocatalysis, and biocatalysis; 2) new reactions and techniques (pot/atom/step economy reactions, C-H functionalization, flow chemistry, microwave, ultrasonic, photolysis, photoredox, mechanochemistry); 3) alternative solvents (biorenewable solvents, aqueous, ionic liquids, SC-CO₂); and 4) CO₂ and biomass-derived building blocks for synthesis.

Guest Editor

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Deadline for manuscript submissions

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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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