

Special Issue

Sonochemistry and Green Chemistry Applications II

Message from the Guest Editor

Sonochemistry (i.e., the use of power ultrasound in chemistry) has huge potential for innovation in eco-friendly and eco-efficient chemistry. After a first Special Issue published in 2016

(https://www.mdpi.com/journal/molecules/special_issue/s/sonochemistry_green), I have the pleasure to

announce a second edition of the Special Issue in *Molecules* called "Sonochemistry and Green Chemistry Applications II" in order to highlight the significant progresses in this field. All areas of chemistry can contribute, such as organic chemistry and catalysis, preparation of materials, polymer chemistry, biomass valorisation, extraction, etc. Green chemistry is mainly based on basic concepts such as: (i) prevention, (ii) better use of the raw material, (iii) better waste management, (iv) energy savings, and (v) use of solvent compatible with the environment. When the experimental conditions are optimized, the use of power ultrasound is, in many cases, in favour of the twelve principles of green chemistry.

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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