

Special Issue

Featured Reviews in Nanochemistry

Message from the Guest Editor

This Special Issue of *Molecules* (MDPI) is inviting contributions that review any area of research in nanochemistry, with the aim of appealing to a broad and diverse audience. We particularly welcome summaries of recent, innovative, and interdisciplinary developments in nanochemistry that also touch on the neighboring fields of physics, biology, etc. Contributions shall critically summarize a selection of studies, methodologies, techniques, or applications; examine previously unaddressed aspects; propose and develop new approaches; exchange perspectives; and encourage new lines of research. Suitable topics include but are not limited to:

- Synthesis, characterization, and modelling of organic, inorganic, and biological nanomaterials;
- Spectroscopy and microscopy in relation to nanostructures and nanomaterials;
- Molecular and colloidal self-assembly;
- Nanomedicine and nanobiotechnology;
- Health, environmental, safety, and sustainability aspects of nanomaterials.

The major goal of this Special Issue is to collect papers from authors and present an overview of the diverse and exciting research directions in the broad field of nanochemistry.

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2024)



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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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