

Special Issue

Nanochemistry for Electronics, Healthcare and Environmental Applications

Message from the Guest Editors

In the post-COVID era, healthcare, environmental protection, and infrastructure development are gaining global attention. International organizations emphasize the need for advanced technologies to improve quality of life, as reflected in the strategies of several countries.

This special issue focuses on recent advances in nanochemistry, nanotechnology, and materials chemistry for electronics, healthcare, and environmental protection. We invite scholars to submit original papers (research articles and reviews) on topics such as:

- Nanochemistry solutions for advanced electronic technologies: flexible and wearable electronics, semiconductor materials for sensing, carbon materials for electronics and optoelectronics.
- Diagnostics and treatment of socially significant diseases: biocompatible materials for nanomedicine, targeted drug delivery, theranostics, bio-imaging, and biosensors.
- Advanced processes, materials, and devices for environmental protection: green chemistry, catalysts for water splitting and CO₂ conversion, alternative energy sources.

Guest Editors

Prof. Dr. Vladimir Ivanov

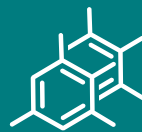
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About the Journal

Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th 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 multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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