

## 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 CO<sub>2</sub> conversion, alternative energy sources.

### Guest Editors

Prof. Dr. Vladimir Ivanov

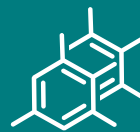
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### Deadline for manuscript submissions

closed (30 April 2024)



## Molecules

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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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### Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

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#### Journal Rank:

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#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).