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Nanochemistry for Electronics, Healthcare and Environmental Applications

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Deadline for manuscript submissions:

closed (30 April 2024)

Message from the Guest Editors

Dear Colleagues,

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.



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Message from the Editor-in-Chief

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