

Special Issue

Recent Insights into Nanoparticles: Design, Synthesis, Characterization, and Applications

Message from the Guest Editors

All aspects of nanoparticles, including their optical, electrical, thermal, mechanical, and biological characteristics, as well as their applications in sensing, biology, optical devices, and imaging, will be covered in the focus issue. Reviews and original research papers on nano-scale biomedical applications that are of interest to readers are all welcomed. The rapid development of nanostructured devices and/or materials is another aspect of this Special Issue (below 100 nm). Topics include, but are not limited to, nanostructures, nanofilms, nanointerfaces, nanomaterials, nanocomposites, and nanotubes.

Guest Editors

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Deadline for manuscript submissions

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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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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).