Special Issue

Advances in European Materials Chemistry

Message from the Guest Editors

This Special Issue highlights the latest advancements in materials chemistry across Europe.

European researchers are at the forefront in several fields of chemistry, including the following:

Green chemistry and sustainability: the development of environmentally friendly chemical processes and products.

Materials science: the research and development of new materials with advanced properties for various applications.

Nanoscience: the synthesis, investigation, and manipulation of materials on a nanometric scale.

Biomolecular chemistry: research on the interactions between biological and chemical molecules.

Applied chemistry: the development of new technologies and industrial applications based on chemistry.

This special issue covers a broad range of materials, including nanomaterials, carbon-based, ceramics, nuclear, luminescent, plasmonic, textile materials, and more. We welcome submissions that explore the synthesis, characterization, and applications of these materials in various fields, such as energy, healthcare, sensing, advanced quantum electronics, and the environment.

Guest Editors

Prof. Dr. Ana Ines Fernandez Renna

Dr. Marinella Striccoli

Prof. Dr. Marco Anni

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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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