

Special Issue

From Molecules to Materials, Devices and Processes: The Chemical Basis of Novel Technologies

Message from the Guest Editors

Chemistry provides a fundamental tool at the basic molecular level to provide significant advances in current advanced technologies covering a wide range of fields. In this Special Issue, we aim to collect some selected, relevant examples of the chemical foundations of the technologies that produced new scientific and technologically innovative results recently obtained in Italy using various methodologies and approaches, ranging from organic or inorganic synthesis and analytical or computational methodologies to the design of new devices in a wide range of fields, encompassing, for instance, green chemistry and the circular economy, the materials for energy and for biomedical devices, and sensors for water or soil bioremediation or for theragnostics.

Guest Editors

Prof. Dr. Giuseppina Raffaini

Department of Chemistry, Chemical, and Material Engineering "G. Natta", Polytechnic University of Milan, Milan, Italy

Prof. Fabio Ganazzoli

Department of Chemistry, Chemical, and Material Engineering "G. Natta", Polytechnic University of Milan, Milan, Italy

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Molecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
molecules@mdpi.com

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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 30th 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.

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

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