



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

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Message from the Guest Editors

Dear Colleagues,

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.

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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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