



Ionic Liquids in Organic Chemistry

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Message from the Guest Editor

The aim of this Special Issue is to collect a series of research articles, reviews, or short communications that allow one to emphasize the high interest of ionic liquids in organic chemistry. Besides their known and valuable use as solvents and/or catalysts in organic reactions and processes, the design, synthesis, and applications of new functionalized ionic liquids have got a great deal of attention in various aspects of chemical applications over the past decade. Some examples are their use for polymer degradation, as adjuvant components in drug delivery as solubility enhancers and emulsifiers, as components of drug formulations (API-ILs), as reagents for chiral recognition, as ligands in new catalysts, as lubricants, and as surfactants or as electrolytes.





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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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