

Special Issue

Recent Applications of Ionic Liquids and Their Analogs in Separation and Electrochemical Techniques

Message from the Guest Editors

The purpose of this Special Issue is to assemble original research work that highlights the applications of "Ionic Liquids and Their Analogs" in separation or electrochemical processes, with a focus on solvents and electrolytes properties. This issue will focus on a detailed study of the synthesis and characterization of ionic liquids/analogs, as well as the ionic transport mechanism. We invite original research papers, communications, and review articles presenting recent developments and trends in the synthesis, characterization, and applications of ionic liquids/analogs as solvents or electrolytes, with a preference for separation processes and electrochemical applications.

Guest Editors

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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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