



Ionic Liquids for Chemical and Biochemical Applications

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Ionic liquids are well known to be valuable nonvolatile alternatives to conventional organic solvents and have received impressive attention over the past seventeen years (75,059 publications since 2000, based on the Web of Science search dated on 21 January 2018) in all aspects of chemical and biochemical applications.

In 2018, the journal *Molecules* will be publishing a Special Issue of a collection of papers featuring selected contributions from the “Ionic liquids for Chemical and Biochemical Applications”. As the Guest Editor of this Special Issue, I am writing to you to invite you to contribute a research paper, rapid communication or review article on your current research activities in the area of ionic liquids for targeted molecule analysis.

This Special Issue will be a collection of papers focusing on ionic liquids as smart media for reactions, as well as synthesis, and ionic liquid devices for affinity extraction and analysis. We anticipate this issue will be attractive to the scientific community of synthesis, materials, and separation. This special issue invites contributions covering the aspects broadly indicated by the keywords. Reviews articles by experts are also welcomed.

Prof. Dr. Yen-Ho Chu
Guest Editor



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Special Issue



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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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