



Ionic Liquids for Chemical and Biochemical Applications

Guest Editor:

Prof. Dr. Yen-Ho Chu

Department of Chemistry and
Biochemistry, National Chung
Cheng University, 168 University
Road, Minhsiung, Chiayi 62102,
Taiwan

Deadline for manuscript
submissions:

closed (15 August 2018)

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



mdpi.com/si/13624

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

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

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Reaxys](#), [CaPlus / SciFinder](#), [MarinLit](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q2 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)

Contact Us

Molecules Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/molecules
molecules@mdpi.com
[X@Molecules_MDPI](#)