

Special Issue

Advances in Water-Soluble Polymers

Message from the Guest Editors

As an important class of macromolecules, water-soluble polymers have been widely used in a variety of industries, including oil and gas production, painting and coatings, water treatment, paper making, drug delivery, food, cosmetics, to name just a few. To showcase the latest development in this area, this Special Issue on “Advances in Water-Soluble Polymers” invites original articles, review papers and perspective comments concerning any related aspects to water-soluble polymers, from polymerization or modification, characterization, solution rheology, to applications. We are particularly interested in the use of water-soluble polymers in emerging areas, and characterization of molecular structures and solution behaviors with newly developed techniques. This Special Issue will provide timely guidance for the design and synthesis of water-soluble polymers in various industries and gain insight into the challenges for future development. We are looking forward to receiving many outstanding contributions undoubtedly advancing the field.

Guest Editors

Prof. Dr. Yujun Feng

Polymer Research Institute, State Key Laboratory of Polymer Materials Engineering, Sichuan University, Chengdu 610065, China

Prof. Dr. Bruno Grassl

Institut des Sciences Analytiques et de Physico-Chimie Pour l'Environnement et les Matériaux, IPREM, UMR 5254, CNRS Université de Pau et des Pays de L'Adour, 2 Avenue P. Angot, Technopôle Hélio parc, 64000 Pau, France

Deadline for manuscript submissions

closed (31 May 2023)



Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/80494

Molecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
molecules@mdpi.com

[mdpi.com/journal/
molecules](https://mdpi.com/journal/molecules)





Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



[mdpi.com/journal/
molecules](https://mdpi.com/journal/molecules)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

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

Author Benefits

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)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).