Special Issue

Applications of Micellar Solutions

Message from the Guest Editors

This Special Issue is related to the micelles and its complex composites for various kinds of applications. Solutions of surfactant micelles are a hot topic in modern research in molecular physics, physical chemistry, biophysics, medicine, and some other academic disciplines. Considerable attention to the systems with self-organization and recognition phenomena is associated, first of all, with unique properties of nano-sized micelles and their complexes in bulk and at interface. Micelles can vary size, shape, and charge depending to the molecular composition of solution and external parameters. Systems with micelles find wide application in various industrial sectors, such as pharmaceutics, cosmetics, oil production, and food technology. Researchers working in the field connected to micelles are cordially invited to contribute original research papers (experiments, theoretical calculations, and modelling) or reviews to this Special Issue of *Molecules*, which report on the design, synthesis, structure characterization, and evaluation of novel materials with surfactants for various applications.
Dr. Vasyl M. Haramus

Guest Editors

Dr. Vasyl M. Haramus

Powder Based Materials Development Department, Institute of Metallic Biomaterials, Helmholtz-Zentrum Hereon, Bldg. 47, R.317, Max-Planck-Straße 1, 21502 Geesthacht, Germany

Dr. Viktor Petrenko

BCMaterials, Basque Centre for Materials, Applications and Nanostructures, UPV/EHU Science Park, Leioa, Spain

Deadline for manuscript submissions

closed (31 December 2022)

Molecules

an Open Access Journal by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed

mdpi.com/si/60693

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

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

MDPI

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.

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 16.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).