

Special Issue

Applications of Metal Complexes

Message from the Guest Editor

In this Special Issue, we strive to demonstrate the numerous crucial breakthroughs in metal complexes, concentrating on their properties and wide range of applications to tackle the challenges in human health/disease and the environment. Several topics will be presented and discussed under the scope of this Special Issue, mainly focused on the chemistry and applications of metal complexes, notably solution equilibria and coordination chemistry, metal complexes of biological and environmental interest, supramolecular chemistry, metal–complex interactions with biomolecules, nanostructured metal complexes, metals in diseases (transport, homeostasis, and toxicity), metal-based drugs (therapy and diagnosis), metalloenzymes (metal binding and models), analytical methods and sensors based on metal complexes, and computational modeling.

Guest Editor

Dr. Mostafa A. Hussien

Department of Chemistry, Faculty of Science, King Abdulaziz University, Jeddah P.O. Box 80203, Saudi Arabia

Deadline for manuscript submissions

closed (30 April 2023)



Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/116664

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 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).