Special Issue

Synthesis, Structural Analysis, and Applications of N, O-Donor Ligands and Their Coordination Polymers

Message from the Guest Editor

The dynamic scientific field of N,O-donor ligands and their coordination polymers is characterized by its extensive potential for innovation and practical application. We welcome contributions delving into various facets of N,O-donor ligands, including their synthesis methodologies, structural elucidation techniques, and exploration of their diverse applications. Additionally, we encourage studies elucidating the coordination chemistry of these ligands within coordination polymers, as well as theoretical investigations employing DFT calculations. This Special Issue is devoted to showcasing pioneering research and insightful reviews within the domain of “Synthesis, Structural Analysis, and Applications of N,O-donor Ligands and Their Coordination Polymers”. We aim to facilitate collaboration and knowledge exchange among researchers and practitioners in this field, ultimately advancing scientific progress and technological innovation.

Guest Editor

Dr. Barbara Morzyk-Ociepa

Institute of Chemistry, Faculty of Science and Technology, Jan Dlugosz University, Armii Krajowej 13/15, 42-200 Czestochowa, Poland

Deadline for manuscript submissions

closed (30 June 2025)

Molecules

an Open Access Journal by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed

mdpi.com/si/202069

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).