Special Issue

Synthesis, Structure, and Application of Novel Pyrrolic Macrocycles

Message from the Guest Editors

As novel pyrrolic compounds and related π-electron, aromatic systems have expanded their rich applications in the field of organic electronics due to their unique molecular structure, optical and electronic property. The synthetic methods, structure and catalysis of these novel pyrrolic macrocycles and their complexes are becoming increasingly important in recent years. The Special Issue entitled "Synthesis, Structure, and Application of Novel Pyrrolic Macrocycles" will provide a platform for researchers to represent new findings and innovative ideas on the advanced synthesis, structure, optical and electronic properties, and applications of novel pyrrolic compounds and their complexes, and nanomaterials, such as MOF and COF. This Special Issue welcomes the submission of original research papers or comprehensive reviews that demonstrate or summarize significant advances in the novel pyrrolic compounds and their complexes, and nanomaterials, such as MOF and COF, in terms of the synthesis, structures, properties, and application to functional materials.

Guest Editors

Dr. Songlin Xue

School of Chemistry and Chemical Engineering, Jiangsu University, Zhenjiang 212013, China

Prof. Dr. Changjiang Yu

School of Chemistry and Materials Science, Anhui Normal University, Wuhu 241000, China

Deadline for manuscript submissions

closed (15 September 2023)

Molecules

an Open Access Journal by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed

mdpi.com/si/129669

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).