Special Issue

Schiff Base and Its Metal Complexes

Message from the Guest Editor

Schiff bases are one of the most popular and old ligands in coordination chemistry. Known since 1864 when, for the first time, Ugo Schiff reported on products deriving from the condensation of ketones or aldehydes with primary amines, such derivatives have been extensively used for countless applications. Their easy synthesis allows for finetuning of their stereo-electronic features, and their ability to form stable complexes with most transition metals easily provides access to a large variety of derivatives with remarkable biological and catalytic activities, electroluminescent, fluorescence and nonlinear properties that can be used in many research fields for exciting applications. For this Special Issue of Molecules, I would like to kindly invite worldwide colleagues working in this research area to submit original research articles and reviews on all the aspects of the chemistry of these ligands and of their metal complexes.

Guest Editor

Prof. Dr. Antonella Dalla Cort
Dipartimento di Chimica and IMC-CNR, Università la Sapienza, 00185 Roma, Italy

Deadline for manuscript submissions

closed (31 May 2019)

Molecules

an Open Access Journal by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed

mdpi.com/si/20223

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).