

Special Issue

Recent Advances in Charge-Transfer/Biomimetic Coordination Chemistry – Electrochemistry, Photochemistry, Catalysis, Biological Application and Theory

Message from the Guest Editors

The Special Issue will encompass peer-reviewed papers on coordination and organometallic compounds for multidisciplinary fields, such as catalysis and biological applications. The compounds may vary from small molecules up to supramolecular assemblies, studied by photochemistry, electrochemistry, spectroelectrochemistry, and theoretical calculations. The scope of this Special Issue includes, but is not limited to, the following topics:

- The design of compounds for biological applications and catalysis.
- (Spectro)electrochemical and photochemical properties.
- Theoretical calculations.

Assistant

Guest Editors

Prof. Dr. Frantisek Hartl

Department of Chemistry, University of Reading, Whiteknights, Reading RG6 6AD, UK

Dr. Martin Pižl

Department of Inorganic Chemistry, University of Chemistry and Technology, Prague, Czech Republic

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

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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

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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).