

## Special Issue

# New Insights into Photochromic Compounds

### Message from the Guest Editors

The aim of this Special Issue devoted to “New Insights into Photochromic Compounds” is to focus on the design, synthesis, and characterization, or on the unique physical and chemical applications of photochromic compounds. The ability of such molecules to exploit light and induce molecular transformations allows the control of many other molecular properties, from colour to dipole moment and fluorescence, from activation energies to rate constants and half-lives. Therefore, the range of applications of these systems spans from molecular electronics to solar energy storage, from opto-mechanical systems to actuating materials. In this scenario, fundamental studies on the synthesis and physical-chemical properties of new photochromic systems, and the development of novel applications for existing systems can contribute to expanding the emerging technologies in the real world. Submissions regarding all aspects of this interdisciplinary field as original research papers or review articles are highly welcome. We look forward to your contribution and would be pleased to provide a 20% discount for early submissions before 31 August 2021.

### Guest Editors

Prof. Dr. Martina Cacciarini

1. Department of Chemistry, University of Florence, via della Lastruccia 3-13, 50019 Sesto F.No (FI), Italy  
2. Kemisk Institut, University of Copenhagen, Universitetsparken 5, 2100 Copenhagen, Denmark

Dr. Daniele Martella

National Institute of Metrological Research (INRiM), Strada delle Cacce 91, 10135 Turin, Italy

### Deadline for manuscript submissions

closed (30 April 2022)



## Molecules

an Open Access Journal  
by MDPI

Impact Factor 4.6  
CiteScore 8.6  
Indexed in PubMed



[mdpi.com/si/71743](https://mdpi.com/si/71743)

*Molecules*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[molecules@mdpi.com](mailto: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 molecular chemistry, now in its 30th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of 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 15.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).