

## Special Issue

# Materials for Emerging Electrochemical Devices—2nd Edition

### Message from the Guest Editor

The editorial board of *Molecules* (IF: 4.2, ISSN 1420-3049) invites you to submit an article or review to a Special Issue entitled "Materials for Emerging Electrochemical Devices—2nd Edition". Despite the potential high impact and applications for electrochemical devices, the problems with their materials' development (electrodes, electrolytes, passivation, etc.), reliability, safety, and the possibility of integrating them into complex systems remain clear challenges. We invite authors to submit original research and review articles that seek to address the current limitations related to some of the abovementioned challenges. We are interested in articles that explore aspects concerning novel materials, new methods for preparation and characterization, environmental friendliness, low cost, etc.

---

### Guest Editor

Dr. Maria Manuela Silva

Centro de Química e Departamento de Química, Universidade do Minho, Gualtar, 4710-057 Braga, Portugal

---

### Deadline for manuscript submissions

30 September 2025



## Molecules

---

an Open Access Journal  
by MDPI

---

**Impact Factor 4.6**  
**CiteScore 8.6**  
**Indexed in PubMed**



[mdpi.com/si/217451](https://mdpi.com/si/217451)

*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 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).