

Special Issue

Next Generation Electrode Material

Message from the Guest Editor

The fabrication of electrode materials is of great importance for many applications worldwide. This Special Issue is focused on experimental/theoretical studies that report the synthesis, properties, applications, and new aspects of electrode materials. Electrode materials prepared by different synthesis routes have shown diverse properties in the field of energy storage and conversion. Topics of interest include, but are not limited to, the following:

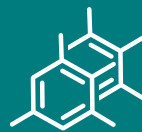
- Electrode materials for energy storage and conversion;
- Li-ion and post Li-ion batteries (Na-ion, Mg-ion, hybrids, etc.);
- Carbon nanomaterials;
- Synthesis of organic/inorganic materials;
- Thin films (CVD, PVD, electro-less, etc.);
- Electrolytes formulation (solid state, additives, etc.);
- Electrodes from biomass;
- Electrode/electrolyte interfaces;
- Supercapacitors;
- Redox-flow batteries, Li-S, Na-S;
- Solar cells;
- Fuel cells;
- Catalysts;

Guest Editor

Prof. Dr. Gregorio Francisco Mario Ortiz
College of Materials Science and Engineering, Huaqiao University,
Xiamen 361021, China

Deadline for manuscript submissions

closed (31 May 2020)



Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/29260

Molecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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).