

## Special Issue

# Novel Electrode Materials for Rechargeable Batteries, 2nd Edition

### Message from the Guest Editors

The exploration and utilization of renewable energy to generate electricity can effectively reduce reliance on traditional fossil fuels and create a sustainable and green future for all human beings. However, renewables are intermittent, and require advanced energy storage and conversion systems, such as rechargeable batteries, to provide a continuous power supply. High-performance and cost-effective electrode materials are key for the successful implementation of rechargeable batteries. Following the popularity of the last Special Issue, we have produced a second version. This Special Issue will offer a forum to present papers focused on rechargeable batteries, especially related to the synthesis, characterization, and practical application of novel electrode materials. As of this Special Issue, we are writing to invite you to contribute a research paper, rapid communication, perspective, or review article on your latest research activities in the field of rechargeable batteries.

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### Guest Editors

Dr. Jian Peng  
Dr. Wei Zhang  
Dr. Shiyue Cao

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### Deadline for manuscript submissions

closed (30 April 2025)



## Molecules

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*Molecules*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[molecules@mdpi.com](mailto:molecules@mdpi.com)

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## 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.

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### 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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