







an Open Access Journal by MDPI

Novel Electrode Materials for Rechargeable Batteries, 2nd Edition

Guest Editors:

Dr. Jian Peng

Faculty of Engineering, Western University, London, ON N6A 5B9, Canada

Dr. Wei Zhang

Guangzhou Key Laboratory of Low-Dimensional Materials and Energy Storage Devices, School of Materials and Energy, Guangdong University of Technology, Guangzhou 510006, China

Deadline for manuscript submissions:

31 October 2024

Message from the Guest Editors

Dear Colleagues,

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 Guest Editors 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

Dr. Jian Peng Dr. Wei Zhang Guest Editors













an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Reaxys, CaPlus / SciFinder, MarinLit, AGRIS, and other databases.

Journal Rank: JCR - Q2 (*Chemistry, Multidisciplinary*) / CiteScore - Q1 (*Chemistry (miscellaneous*))

Contact Us