



MOFs in Electrochemical Energy Storage

Guest Editor:

Prof. Dr. Ziqi Wang

Department of Materials Science and Engineering, College of Chemistry and Materials Science, Jinan University, Guangzhou 510632, China

Deadline for manuscript submissions:

closed (15 November 2023)

Message from the Guest Editor

Dear Colleagues,

Metal–organic frameworks (MOFs) are a type of porous crystalline material created by the molecular self-assembly of metal ions or clusters and organic ligands.

In recent years, MOFs have shown their unlimited potential in electrochemical energy storage, especially in secondary batteries and supercapacitors. Moreover, MOF-based functional coatings, separators, and composite electrolytes have been developed to improve the reversibility of metallic anodes. MOFs open up new avenues to address the key problems in batteries and supercapacitors.

This Special Issue of *Polymers* aims to present the recent developments in the use of MOFs in electrochemical energy storage. Topics include, but are not limited to: electrode materials, composite electrolytes, and separators based on MOFs and their derivatives.

Prof. Dr. Ziqi Wang
Guest Editor





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Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien
und Polymertechnologie,
University of Potsdam, 14476
Potsdam-Golm, Germany

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Polymers Editorial Office
MDPI, Grosspeteranlage 5
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