

## Special Issue

# Metal-Organic Frameworks: Synthesis and Properties

### Message from the Guest Editor

Metal-organic frameworks (MOFs) are composed of organic ligands and metal ions, and have emerged as a new type of organic-inorganic hybrid materials. MOFs have an ultrahigh surface area and various topologies, possessing wide-ranging potential applications including luminescence sensing, biological imaging, gas storage and separation, and electrocatalysis, etc. This Special Issue aims to provide a broad survey of the most recent advances in MOFs. This Special Issue aims to explore original research articles and reviews that discuss the new structure of MOFs, the excellent properties of MOFs (including gas storage and separation, luminescence sensing, catalysis, electrochemistry, etc.) and the unique synthesis method of MOFs.

### Guest Editor

Dr. Xiaoqing Wang

Department of Chemistry, College of Science, North University of China, Taiyuan 030051, China

### Deadline for manuscript submissions

closed (31 January 2024)



## 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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