

Special Issue

Design and Synthesis of Metal-Organic Framework Materials

Message from the Guest Editor

In the synthesis of MOFs, due to their diverse metal centers and organic ligands, most metals can be used for the construction of MOFs, including the main group, transition, and lanthanide metals; the introduction of various functional groups can change the surface and pore environment properties of MOFs, affecting their physical and chemical properties. Historically, through the use of specific substituents to modify organic ligands, a variety of functionalized MOFs can be obtained for application in various specific fields due to their inherent high porosity, large specific surface area, high chemical stability, and adjustable porous structure.

Guest Editor

Dr. Chenxi Zhang

College of Chemical Engineering and Materials Science, Tianjin University of Science and Technology, Tianjin 300457, China

Deadline for manuscript submissions

closed (15 May 2024)



Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



mdpi.com/si/116747

Processes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
processes@mdpi.com

[mdpi.com/journal/
processes](https://mdpi.com/journal/processes)





Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



[mdpi.com/journal/
processes](https://mdpi.com/journal/processes)



About the Journal

Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto
Department of Drug Science and Technology, University of Turin, Via P.
Giuria 9, 10125 Turin, Italy

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), Ei Compendex, Inspec, AGRIS, and other databases.

Journal Rank:

CiteScore - Q2 (Chemical Engineering (miscellaneous))