

Special Issue

Chemistry of Zeolites: Synthesis, Structure and Crystallization

Message from the Guest Editor

Zeolites are crystalline, hydrated aluminosilicates with a structure characterized by a framework of $\text{SiO}_4\text{--AlO}_4(\text{PO}_4)$ tetrahedra controlling their unique properties (e.g., adsorption, catalytic activity, cation exchange capacity). Zeolites can be synthesized using a wide range of sources and processes, besides natural phases—conditions which determine their type, structure, and stability. This Special Issue on the “Chemistry of Zeolites: Synthesis, Structure and Crystallization” seeks high-quality research reviews and works highlighting novel advances in zeolite chemistry. The topics include but are not limited to the following:

- Methods of zeolite synthesis and their comparison;
- Role of the main parameters conditioning zeolite crystallization;
- Zeolite structure and stability.

Guest Editor

Dr. Claudia Belviso

Istituto di Metodologie per l'Analisi Ambientale IMAA-CNR, Potenza, Italy

Deadline for manuscript submissions

30 September 2025



Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



mdpi.com/si/211226

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))