Special Issue

Continuous Production and Catalysis Optimization of Chemical Industry Processes

Message from the Guest Editor

This Special Issue, entitled "Continuous Production and Catalysis Optimization of Chemical Industry Processes", aims to cover recent advances in the development and application of catalytic process integration and optimization. Topics include, but are not limited to, methods and/or applications in the following areas:

- Systematic approaches to industrial catalytic processes;
- Optimization of catalytic materials;
- Optimization of unit and total processes;
- Mitigation of environmental impact;
- Continuous production studies of emerging processes (e.g., biomass valorization, and biorefining);
- Integration of renewable energy in catalytic processes;
- Processes design from laboratory to industrial scale;
- Implementation of new catalytic and adsorption processes into industrial practice.

Guest Editor

Prof. Dr. Izabela Czekaj

Department of Chemistry and Organic Technology, Faculty of Chemical Engineering and Technology, Cracow University of Technology, ul. Warszawska 24, 31-155 Kraków, Poland

Deadline for manuscript submissions

closed (30 September 2025)



Processes

an Open Access Journal by MDPI

Impact Factor 2.8 CiteScore 5.5



mdpi.com/si/182537

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

mdpi.com/journal/ processes





Processes

an Open Access Journal by MDPI

Impact Factor 2.8 CiteScore 5.5



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))

