Special Issue

Extraction Technology and the Biorefining Process

Message from the Guest Editors

This Special Issue presents a comprehensive exploration into the dynamic realm of extraction technology and its pivotal role within the emerging field of biorefining. This journal delves into cutting-edge methodologies, innovative techniques, and scientific advancements that collectively contribute to the harnessing of valuable compounds from a diverse array of raw materials, ushering in a new era of sustainable resource utilization and industrial transformation. Key points of this journal include:

- Novel Extraction Techniques: We explore cutting-edge extraction methods such as supercritical fluid extraction.
- Integration with Biorefining Processes: Our research highlights the seamless integration of these advanced extraction technologies into larger biorefining frameworks.
- Environmental Impact Assessment: A significant aspect of this journal is the comprehensive environmental impact assessment of the proposed extraction and biorefining processes.
- Economic Viability: We discuss the economic feasibility of adopting these extraction technologies within the context of biorefineries.

Guest Editors

Dr. Behnaz Asadzadeh

Department of Chemical and Metallurgical Engineering, Aalto University, 02150 Espoo, Finland

Dr. Hossein Baniasadi

Department of Chemical and Metallurgical Engineering, Aalto University, 02150 Espoo, Finland

Deadline for manuscript submissions

5 February 2025



Processes

an Open Access Journal by MDPI

Impact Factor 2.8 CiteScore 5.1



mdpi.com/si/186505

Processes
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 5.1



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:

JCR - Q2 (Engineering, Chemical) / CiteScore - Q2 (Chemical Engineering (miscellaneous))

