Special Issue

Green Solvent for Separation and Extraction Processes

Message from the Guest Editors

Green chemistry, an essential pillar of sustainable development, seeks to minimize the environmental impact of chemical processes. Using eco-friendly solvents in separation and extraction processes offers a promising avenue for promoting sustainability in various industries. Contributions to this Special Issue should cover trends and advances in industrial biotechnology. including the area of separation, extraction and purification processes using green solvents. The extraction of bioproducts as enzymes, biosurfactants, biopesticides, bioplastics, etc., from different media is also included and welcome. We invite our colleagues to submit their original contributions—be it research manuscripts, short communications, or reviews—to this Special Issue. We believe that a comprehensive collection of the latest knowledge in this field will foster new connections among researchers and inspire innovative ideas for the sustainable development of extraction processes. This Special Issue focuses on the following two topics located within the scope of Processes: separation processes and sustainable processes.

Guest Editors

Prof. Dr. Maria Alice Zarur Coelho

Department of Biochemical Engineering, School of Chemistry, Federal University of Rio de Janeiro, Rio de Janeiro 21949-900, RJ, Brazil

Dr. Filipe Smith Buarque

Department of Biochemical Engineering, School of Chemistry, Federal University of Rio de Janeiro, Rio de Janeiro 21949-900, RJ, Brazil

Deadline for manuscript submissions

20 December 2025



Processes

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.5



mdpi.com/si/214416

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))

