

Special Issue

Advances in Polymer Films and Coatings: Preparation, Characterization and Applications

Message from the Guest Editors

This Special Issue aims to bring together the latest research and developments in polymer films and coatings, focusing on their preparation, characterization, and applications. We invite researchers and industry professionals to submit original research articles, reviews, and perspectives on topics including, but not limited to, the following:

- Novel polymer film and coating formulations;
- Functional coatings with antimicrobial, self-healing, or smart properties;
- Advances in drying, curing, and crosslinking mechanisms;
- Advanced characterization techniques for structural and functional analysis;
- Modeling and simulation of coating formation and performance;
- Sustainable and bio-based polymer coatings;
- Applications in healthcare, energy, automotive, packaging, and electronics.

Guest Editors

Dr. Raj Kumar Arya

Department of Chemical Engineering, Dr. B.R. Ambedkar National Institute of Technology, Jalandhar 144011, India

Dr. George Verros

Department of Chemistry, Aristotle University of Thessaloniki, Plagiari Thes., P.O. Box 454, 57500 Epanomi, Greece

Deadline for manuscript submissions

30 November 2025



Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



mdpi.com/si/234508

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))