

Special Issue

Combustion Processes and Emissions Assessment of Internal Combustion Engines

Message from the Guest Editor

This Special Issue is titled "Combustion Processes and Emissions Assessment of Internal Combustion Engines". Topics include, but are not limited to, the following: Combustion mechanism of promising alternative fuel of internal combustion engines; Fluid dynamics of injected liquid fuel and burning gas flow inside engine cylinder; Novel injection design and their influences on fuel economy and engine performance; Compositions and fuel properties of potential alternative engine fuel; Engine performance and emission characteristics of newly designed engine infrastructure; Life cycle analysis for greenhouse gas emission and energy usage for promising engine fuel; Development prospects of internal combustion engines to meet carbon-neutral requirement in transportation or energy sectors; Techno-economic analysis of internal combustion engines for various applications.

Guest Editor

Prof. Dr. Cherng-Yuan Lin

Department of Marine Engineering, National Taiwan Ocean University, Keelung 202, Taiwan

Deadline for manuscript submissions

30 September 2025



Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



mdpi.com/si/149321

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))