

## Special Issue

# Design and Optimization in Process Engineering

### Message from the Guest Editors

At present, more and more emerging chemical conversion routes have been proposed, in order to pursue processes with better safety, operation efficiency, and economic potential with less environmental impact. Hence, techniques in the field of process systems engineering (PSE) have attracted wide attention. Among the major topics in this field, process design and optimization deals with the problem of performing overall mass and energy balance of any given process, providing the process concept, enhancing the process performance, and so on. It also helps to overcome the gap between lab-scale and plant-scale operation, as well as between theoretical and practical knowledge. Keywords

- design
- optimization
- modeling
- simulation
- chemical process
- techno-economic

---

### Guest Editors

Dr. Bor-Yih Yu

Dr. Vincentius Surya Kurnia Adi

Dr. Chien-Yuan Su

Dr. Felicia Januarlia Novita

---

### Deadline for manuscript submissions

closed (10 September 2023)



## Processes

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.1



[mdpi.com/si/63932](https://mdpi.com/si/63932)

*Processes*

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 5.1



[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:

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