

Special Issue

Progress in Thermal Process Engineering

Message from the Guest Editor

Thermal process engineering is a mature discipline and thermal separations, like distillation or extraction, have been applied for thousands of years. However, thermal separation processes are most widespread in the chemical industry and account, to a large extent, for the energy demand of chemical production. Even though thermal process engineering is old, it still holds plenty of opportunities for improvements, optimization and new concepts. This Special Issue aims to reflect these efforts. Selected Keywords:

- process intensification and process integration
- energy efficiency and resource efficiency
- modelling and simulation
- flexible and modular production concepts
- heat integration

Guest Editor

Prof. Dr. Thomas Grützner

Institute of Chemical Engineering, Laboratory of Thermal Process Engineering, Ulm University, 89081 Ulm, Germany

Deadline for manuscript submissions

closed (25 October 2019)



ChemEngineering

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 4.9



mdpi.com/si/17840

ChemEngineering
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
chemengineering@mdpi.com

[mdpi.com/journal/
ChemEngineering](https://mdpi.com/journal/ChemEngineering)





ChemEngineering

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 4.9



[mdpi.com/journal/
ChemEngineering](https://mdpi.com/journal/ChemEngineering)



About the Journal

Message from the Editor-in-Chief

ChemEngineering is to consolidate its position as a high-quality, open access journal that not only disseminates excellent research but also sets the agenda for future directions in chemical engineering. We will continue to highlight core areas such as catalysis, process intensification, and the circular economy, while also opening the door to emerging topics such as multi-energy systems that integrate light, heat, and electricity, etc., as well as digital tools, modelling, and artificial intelligence applied to chemical engineering.

Editor-in-Chief

Prof. Dr. Mario J. Muñoz Batista

Department of Chemical Engineering, Faculty of Sciences, University of Granada, Avda. Fuentenueva, s/n, 18071 Granada, Spain

Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), Inspec, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Chemical) / CiteScore - Q1 (General Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 32.8 days after submission; acceptance to publication is undertaken in 6.6 days (median values for papers published in this journal in the second half of 2025).