Special Issue

Process Intensification for Chemical Engineering and Processing

Message from the Guest Editors

Although more than 20 years have passed since our colleagues Stankiewicz and Moulijn defined process intensification in all its variations, much research work is still taking place in this field. On the level of unit operations and their combinations or on the process level, the methods have found wide applications in the process industry, but a thorough and theoretical understanding that would enable us to predict critical effects is still lacking. At the same time, intensified processes are becoming increasingly important. Efficient processes are the indispensable prerequisite for coping with the challenges of the future. They help to make the chemical industry more sustainable in terms of resource consumption and pollutant emissions. Simultaneously, they allow the chemical industry, especially in high-wage countries, to maintain its competitiveness. As we see the great potential of bringing research and applications together in order to optimize existing processes or to improve process development strategies, we would be grateful if you would consider publishing in this Special Issue of ChemEngineering.

Guest Editors

Prof. Dr. Thomas Grützner

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

Prof. Dr. Bernhard Seyfang

Department of Lifes Sciences and Engineering, TH Bingen - University of Applied Sciences, 55411 Bingen am Rhein, Germany

Deadline for manuscript submissions

25 December 2025



ChemEngineering

an Open Access Journal by MDPI

Impact Factor 3.4 CiteScore 4.9



mdpi.com/si/84160

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

mdpi.com/journal/ ChemEngineering





ChemEngineering

an Open Access Journal by MDPI

Impact Factor 3.4 CiteScore 4.9



About the Journal

Message from the Editor-in-Chief

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, CAPlus / 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 29.6 days after submission; acceptance to publication is undertaken in 5.7 days (median values for papers published in this journal in the first half of 2025).

