

an Open Access Journal by MDPI

Industrial Chemistry Reaction: Kinetics, Mass Transfer and Industrial Reactor Design (II)

Guest Editors:

Prof. Dr. Elio Santacesaria

CEO Eurochem Engineering Ltd
ex, University of Naples, 80131
Naples, Italy

Prof. Dr. Riccardo Tesser

NICL—Department of Chemical
Science, University of Naples
Federico II, 80126 Naples, Italy

Prof. Dr. Vincenzo Russo

NICL—Department of Chemical
Science, University of Naples
Federico II, 80126 Naples, Italy

Deadline for manuscript
submissions:

closed (20 March 2023)

Message from the Guest Editors

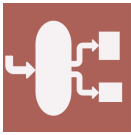
Due to the success of the first edition, in terms of both quantity and quality of the published papers, the editors considered worthful announcing a second edition of The Special Issue “Industrial Chemistry Reactions: Kinetics, Mass Transfer and Industrial Reactor Design.

The aim of this proposed special issue is to collect worldwide contributions from experts in the field of industrial reactors design based on kinetic and mass-transfer studies. In more details the following areas/sections will be covered by the call for reviews and original papers:

- Kinetic studies for complex reaction schemes (multiphase systems);
- Kinetics and mass transfer in multifunctional reactors;
- Reactions in mass-transfer dominated regime (fluid–solid and intraparticle diffusive limitations);
- Kinetics and mass transfer modeling with alternative approaches (e.g., stochastic modeling);
- Pilot plant and industrial-size reactor simulation and scale-up based on kinetic studies (lab-to-plant approach).



mdpi.com/si/90019



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and
Technology, University of Turin,
Via P. Giuria 9, 10125 Turin, Italy

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.

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))

Contact Us

Processes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/processes
processes@mdpi.com
[X@Processes_MDPI](https://twitter.com/Processes_MDPI)