

Special Issue

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

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 worthwhile 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).

Guest Editors

Prof. Dr. Elio Santacesaria

Prof. Dr. Riccardo Tesser

Prof. Dr. Vincenzo Russo

Deadline for manuscript submissions

closed (20 March 2023)



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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

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