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

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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).



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Special Issue



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Message from the Editor-in-Chief

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