



Integration, Modelling and Optimization of Sustainable Chemical Process

Guest Editors:

Dr. Huairong Zhou

Dr. Dongliang Wang

Dr. Yong Yang

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submissions:

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Message from the Guest Editors

This Special Issue intends to present key recent developments in the areas of more efficient energy use, cleaner fuels and biofuels, cleaner production, CO₂ mitigation and capture, optimization and waste management, as well as intelligent process systems and manufacturing.

The topics of interest include, but are not limited to:

- Product and process synthesis/design;
- Process modeling, analysis, simulation, and optimization;
- CO₂ capture and utilization;
- CFD simulation and process intensification;
- Thermodynamics of low-carbon technologies;
- Catalyst development and screening for low-carbon alternatives;
- Renewable energy systems;
- Intelligent process systems and manufacturing;
- Digitalization and real-time optimization;
- Development of low-carbon digitally enabled healthcare services and care models.





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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

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Processes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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