

## Green Chemistry: Synthesis Process in Micro Reactors

Guest Editor:

**Prof. Dr. Ho-Shing Wu**

Department of Chemical  
Engineering and Materials  
Science, Yuan Ze University, 135  
Yuan-Tung Road, Chung-Li,  
Taoyuan 32003, Taiwan

Deadline for manuscript  
submissions:

**closed (30 June 2021)**

### Message from the Guest Editor

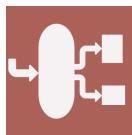
Dear Colleagues,

Microreactors have proven indispensable to many fields of research ranging from catalysis to cellular biology and shown great potentials in intensifying reaction processes in comparison to conventional reactors. The heat transfer enhancement avoids the presence of temperature hot spots due to the local accumulation of reaction heat in the microreactor. The modular, flexible, and compact microreactor design allows an easy upscaling from the laboratory to the industrial scale aiming at mass production, and from microreactor design to microreactor process design, a field that requires corresponding engineering skills. This technology, already having shown a broad variety of facets concerning different applications, has now reached the field of downstream processing to influence industrial pilot and even production processing. This Special Issue focuses on the original scientific papers describing new devices, methodologies and application, e.g., biotechnologies, to face the challenge in design, fabrication, process-specific standardization, and scalability up to the industrial level of microreactors.



[mdpi.com/si/31827](https://www.mdpi.com/si/31827)

# Special Issue



## 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](http://www.mdpi.com)

[mdpi.com/journal/processes](http://mdpi.com/journal/processes)  
[processes@mdpi.com](mailto:processes@mdpi.com)  
[X@Processes\\_MDPI](https://twitter.com/Processes_MDPI)