

## Special Issue

# Clean Combustion and Emission in Vehicle Power System

### Message from the Guest Editor

Air pollutants from vehicle power systems are not only harmful to the environment, but also have detrimental effects on human health, and there is a global trend towards enforcing more stringent regulations on these exhaust gas constituents. As a result, many clean combustion and emission technologies, such as chemical looping combustion, mild combustion, porous media combustion, and plasma-assisted combustion, have been developed in the past 30 years. Through the application of these technologies, nitrogen oxide (NO<sub>x</sub>), carbon dioxide (CO<sub>2</sub>), and particulate matter (PM) emission from combustion can be mitigated effectively. Nowadays, clean combustion technologies are attracting more and more attentions from the researchers all over the world. To promote communication between researchers, we invite investigators to contribute original research articles as well as review articles that will stimulate the continuing efforts to understand the mechanisms, production, and controls related to clean combustion and emission technology in vehicle power systems.

---

### Guest Editor

Prof. Dr. Jiaqiang E

College of Mechanical and Vehicle Engineering, Hunan University,  
Changsha 410082, China

---

### Deadline for manuscript submissions

closed (15 December 2022)



## Processes

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.5



[mdpi.com/si/77965](https://mdpi.com/si/77965)

*Processes*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
processes@mdpi.com

[mdpi.com/journal/  
processes](https://mdpi.com/journal/processes)





# Processes

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.5



[mdpi.com/journal/  
processes](http://mdpi.com/journal/processes)

## 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

Prof. Dr. Giancarlo Cravotto

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

---

### 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))

