

## Special Issue

# Advanced Research on Clean Energy Combustion Diagnosis

### Message from the Guest Editors

We would like to invite submissions to this Special Issue on Advanced Research on Clean Energy Combustion Diagnosis. Due to the background of carbon reduction, clean energy combustion has become a popular and valuable combustion technology, and it is necessary to implement real-time, multidimensional, and multiparameter diagnosis of the clean energy combustion process (flame). Diagnosis is an effective tool that helps us to understand the combustion process, collects original data to develop fuel mechanisms and numerical models, and provides quantitative guidance for improving combustion efficiency and reducing pollutant emissions. With the development of software and hardware, many novel combustion diagnostic techniques have emerged to obtain the speed, temperature, and component concentration distribution of the combustion device, which promote the digitization and intelligence of clean energy combustion. From this perspective, we are committed to facilitating the communication of high-quality studies in this field.

### Guest Editors

Prof. Dr. Chun Lou

State Key Laboratory of Coal Combustion, School of Energy and Power Engineering, Huazhong University of Science and Technology, Wuhan 430074, China

Dr. Weijie Yan

School of Energy and Power Engineering, Nanjing University of Science and Technology, Nanjing 210094, China

### Deadline for manuscript submissions

closed (5 January 2023)



## Energies

an Open Access Journal  
by MDPI

Impact Factor 3.2  
CiteScore 7.3



[mdpi.com/si/90954](https://mdpi.com/si/90954)

*Energies*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[energies@mdpi.com](mailto:energies@mdpi.com)

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





# Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 7.3



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



## About the Journal

### Message from the Editor-in-Chief

*Energies* is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

---

### Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University  
Niccolò Cusano, 00166 Roma, 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, RePEc, Inspec, CAPlus / SciFinder, and other databases.

#### Journal Rank:

CiteScore - Q1 (Control and Optimization)