Special Issue

Low-Emission Combustion Techniques: Latest Advances and Prospects

Message from the Guest Editors

As a key source of carbon emissions, energy conservation and emissions reduction in the energy sector are crucial to the realization of carbon neutrality. Various new combustion modes for improving efficiency and reducing emissions have recently become research hotspots in the energy field. This Special Issue aims to present and disseminate the most recent advances and prospects related to the theory, experimentation, simulation, and application of all types of low-emission combustion techniques. Both research and review articles are welcome. Topics of interest for publication include, but are not limited to: Low-emission combustion techniques in IC engines, gas turbines, boilers and other burners;
Cleaner and renewable fuels;
Theory and application of renewable/alternative fuels;
Advanced combustion measurements, diagnostic techniques and control technologies;
Advanced combustion simulation methods and models;
Advanced pollutant emission measurements and control techniques;
Plasma-assisted combustion, lean combustion, HCCI and other advanced combustion modes;
Low-/zero-emission transport planning and operation.

Guest Editors

Prof. Dr. Zhaowen Wang

Dr. Yuhan Huang

Dr. Bo Du

Deadline for manuscript submissions

closed (31 December 2023)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/116131

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

mdpi.com/journal/energies

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

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)

MDPI