Special Issue

Heat Conversion and Emission Characteristics in Fuel Combustion Processes

Message from the Guest Editors

Dear colleague, The guest editor is inviting submissions to a Special Issue of *Energies* on the subject area of “the Heat Conversion and Emission Characteristics in Fuel Combustion Processes”. Optimization of fuel combustion, conversion of new fuels, and emission control techniques are important for the efficient use of energy systems with regard to climate change mitigation and environmental pollution control. There have been many emerging techniques for new energy supply, in recent years. Moreover, the Internet of things (IoT) and Artificial Intelligence (AI) are also considered from the view of Heat Conversion and Fuel Combustion. This Special Issue will deal with novel optimization and control techniques for the Heat Conversion and Emission Characteristics in Fuel Combustion Processes. Topics of interest for publication include, but are not limited to:

- heat conversion
- heat conversion and emission characteristics
- fuel combustion, conversion processes
- monitoring and control systems
- fuels sources
- sustainability and climate change
- control methods of exhaust emissions

Guest Editors

Prof. Dr. Donghoon Shin

Department of Mechanical Engineering, School of Mechanical Engineering, Kookmin University, Seoul 02707, Republic of Korea

Dr. Hossein Ali Yousefi Rizi

Department of Mechanical Engineering, School of Mechanical and Automotive Engineering, Kookmin University, Seoul 136-702, Republic of Korea

Deadline for manuscript submissions

closed (20 November 2022)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/110742

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)