energies

an Open Access Journal by MDPI

IMPACT FACTOR 3.0

CITESCORE 6.2

Energy Trends of Fuel Combustion in Diesel Engine

Guest Editors:

Dr. Sathaporn Chuepeng
ATAE Research Unit, Department of Mechanical Engineering, Faculty of Engineering at Sriracha, Kasetsart University, 199 Sukhumvit Road, Chonburi 20230, Thailand

Dr. Kampanart Theinnoi
College of Industrial Technology, King Mongkut's University of Technology North Bangkok, 1518 Pracharat 1 Road, Bangkok 10800, Thailand

Dr. Ekarong Sukjit
School of Mechanical Engineering, Institute of Engineering, Suranaree University of Technology, 111 University Avenue, Nakhon Ratchasim 30000, Thailand

Deadline for manuscript submissions:
closed (31 October 2022)

Message from the Guest Editors

Dear Colleagues,

This Special Issue entitled "Energy Trends of Fuel Combustion in Diesel Engine" aims to present and distribute the recent advances and propose the technological trends related to the theory and application of all types of energy fuels in diesel engines.

Research papers and review articles are welcome to publish in this Special Issue. The scope of topics of interest for publication include, but are not limited to:

- Alternative and advanced fuels
- Fuel energy management
- Modeling fuel injection and sprays
- Experimental fuel injection and sprays
- Multi-dimensional engine modeling
- Combustion and flow diagnostics
- Engine management and control
- Diesel HCCI, RCCI, PCCI, or other advanced CDC combustion
- Combustion in gaseous-fueled engines
- Abnormal combustion and cyclic variation
- After-treatment technology
- Emission control modeling
- Emissions measurement and testing
- Diesel particulate matter related emissions
- Low temperature catalytic combustion
- New diesel engine technology concepts

energies

IMPACT FACTOR 3.0

CITESCORE 6.2

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 Roma, Italy

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.

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)

Contact Us

Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/energies
energies@mdpi.com
𝕏@energies_mdpi