

## Special Issue

# Recent Advances in Organic Rankine Cycle (ORC)

### Message from the Guest Editors

Organic Rankine cycle (ORC) systems are simple, inexpensive, and easy to use, and have been widely adopted for low-temperature waste heat recovery and renewable energy utilization. However, there are still several challenges for ORC and related systems, such as increasing energy efficiency, improving operation reliability, building effective components, reducing the costs of components and systems, reducing environmental impact, and so on. The purpose of this Special Issue is to attract state-of-the-art research and review articles on ORC systems and components, in a wide range of topics, including the following:

- ORC and polygeneration systems
- CO<sub>2</sub> power cycles
- Environmentally friendly organic fluids for power generation
- Experimental studies of ORC and related thermodynamic systems
- Turbine, heat exchanger, and pump design of ORC system
- New integrations of ORC with other energy systems
- Industrial applications of ORC
- All topics related to ORC

---

### Guest Editors

Prof. Dr. Tzu-Chen Hung

Dr. Yong-Qiang Feng

Dr. Huan Xi

---

### Deadline for manuscript submissions

closed (31 August 2022)



## Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 6.2



[mdpi.com/si/81749](https://mdpi.com/si/81749)

*Energies*  
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 3.0  
CiteScore 6.2



[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 Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 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)