Special Issue

ORC Systems: Modelling and Applications

Message from the Guest Editor

The organic Rankine cycle has been attracting significant scientific focus in recent decades. Due to flexibility in system design and the variety of working fluids available, ORCs can be successfully paired with a range of heat sources (WHR, geothermal, biomass, solar) and successfully employed in a number of industries and applications. ORC system analysis and optimisation, as well as the design and sizing of cycle components, remain areas of interest. In this Special Issue, we welcome papers presenting mathematical and numerical modelling approaches and diverse applications of ORC systems. Experimental studies are welcome, as are energy, exergy, environmental and economic analysis reports.

Guest Editor

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Deadline for manuscript submissions

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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.

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