# Special Issue

# Research on Refrigeration and Energy Storage for Carbon Emission Reduction

## Message from the Guest Editors

This Special Issue aims to present and disseminate the most recent advances related to the theory, design, modelling, application of all types of refrigeration and energy storage technologies, to promote the progress and innovation of refrigeration and energy storage. Topics of interest for publication include, but are not limited to: Application and optimization of renewable energy in refrigeration; Innovative applications of refrigeration in energy storage and conversion; Development and evaluation of new refrigeration and energy storage materials; Application of intelligent control and optimization algorithms in refrigeration and energy storage; Energy-saving retrofit and performance optimization of refrigeration and energy storage equipment; Design and experimental research on environmentally friendly refrigeration and energy storage systems; Model and evaluation on carbon emission reduction of new refrigeration and energy storage technologies; Exploration on integration between energy storage and refrigeration.

## Guest Editors

Dr. Yijian He
Prof. Dr. Lijuan He
Dr. Xiuzhen Li

## Deadline for manuscript submissions

closed (10 February 2025)

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

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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.

## Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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