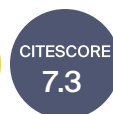




energies



an Open Access Journal by MDPI

Simulation, Optimization and Intelligent Control of Energy System

Guest Editors:

Prof. Dr. Chen Yang

Key Laboratory of Low-Grade Energy Utilization Technologies and Systems, Ministry of Education of China, Chongqing University, Chongqing 400044, China

Dr. Zhenzhong Li

Key Laboratory of Low-Grade Energy Utilization Technologies and Systems, Ministry of Education of China, Chongqing University, Chongqing 400044, China

Deadline for manuscript submissions:

closed (13 November 2024)

Message from the Guest Editors

The Guest Editor is inviting submissions to this Special Issue of *Energies*. This topic is able to provide excellent abilities that reveal the intrinsic essential characteristics and the coupling characteristics, make the performance evaluation more efficient and accurate, improve the economics and reduce the environmental impact of energy technologies and manage the whole life cycle of energy system. Potential topics include, but are not limited to:

- Real-time dynamic data-driven simulation;
- Multi-energy system flow modeling and simulation technology for integrated energy system;
- High performance simulation of energy system;
- Application of AI for simulation, optimization and control of Energy System;
- Techno-economic optimization of energy system;
- Simulation of integrated energy system;
- Combination with reinforcement learning;
- intelligent simulation optimization in energy system;
- thermodynamic modelling, analysis and optimization of energy systems in various applications
- Optimal Dispatching and Operation Simulation of Virtual Power Plant;
- Machine learning in energy systems;



mdpi.com/si/147327

Special Issue



energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Industrial Engineering, University
Nicolò Cusano, 00166 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](https://twitter.com/X@energies_mdpi)