energies

an Open Access Journal by MDPI

IMPACT FACTOR 3.2

CITESCORE 7.3

Modeling, Control, Stability and Applications of Energy Storage Systems

Guest Editor:

Dr. Álvaro Ortega Manjavacas
Institute for Research in Technology, ICAI, Comillas Pontifical University, Santa Cruz de Marcenado, 26 28015 Madrid, Spain

Deadline for manuscript submissions:
closed (31 March 2022)

Message from the Guest Editor

Topics of interest for publication in this Special Issue include, but are not limited to:

- Conceptual design and proof-of-concept of novel energy storage technologies
- Studies of new applications of energy storage systems
- EMT and RMS modeling of storage devices and power-electronics converters
- Aggregated modeling and operation of distributed energy storage systems and electric vehicle fleets
- Operation and economic modeling of energy storage systems
- Harmonic analysis and dynamic couplings of converter-interfaced energy storage systems
- Design of novel/improvement of existing control techniques for energy storage systems
- Small-signal, transient, frequency, voltage and/or converter-driven stability analysis of energy storage systems
- Demonstrations of real-word energy storage systems
- Updated, detailed reviews of techno-economic aspects of energy storage systems
- Economic analysis and viability of energy storage systems

For more information, please scan the QR code.

mdpi.com/si/81240

Special Issue

energies

an Open Access Journal by MDPI

IMPACT FACTOR 3.2

CITESCORE 7.3

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò 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