

Special Issue

Wide Band Gap Devices in Energy Storage Systems

Message from the Guest Editors

We are inviting submissions to the *Energies* Special Issue on “Wide Band Gap Devices in Energy Storage Systems”. The issue will include but is not be limited to: 1) Integration and packaging of WBG devices; 2) Power stage design and new topologies of GaN/SiC-based power converters in the application of ESSs; 3) Gate driver design of WBG devices; 4) PCB design of WBG devices; 5) Power scaling of GaN/SiC-based switching converters in the application of ESSs; 6) Hard/soft switching in high frequency GaN/SiC-based power converters; 7) EMC design in GaN/SiC-based power converters; 9) Controller design of GaN/SiC-based power converters in the application of ESSs; 10) Thermal design of GaN/SiC-based power converters.

Guest Editors

Prof. Dr. Gianluca Gatto

Department of Electrical and Electronic Engineering, University of Cagliari, Via Marengo 2, Cagliari, Italy

Dr. Milad Moradpour

Department of Electrical and Electronic Engineering, University of Cagliari, Via Marengo, 2, 09123 Cagliari CA, Italy

Deadline for manuscript submissions

closed (20 July 2022)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/37690

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

[mdpi.com/journal/
energies](https://mdpi.com/journal/energies)





Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



[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 Industrial Engineering, University
Niccolò Cusano, 00166 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)