

Special Issue

Advancement of Power Electronics in Renewable Energy, Power Quality, and Electrical Drive Systems

Message from the Guest Editor

This Special Issue aims to present and disseminate recent advances related to the theory, design, modeling, application, control, and reviews related to the advancement of power electronics in renewable energy, power quality, and electrical drives. Topics of interest for publication include but are not limited to:

- Renewable energy
 - Maximum power point tracking
 - Inverters
 - Microinverters
 - DC/DC converters
 - Multilevel inverters
 - Energy storage
- Power quality
 - Power filters
 - Power factor corrections
 - Static synchronous compensator
 - Dynamic voltage restoration
 - Monitoring
 - Fault analysis or diagnosis
- Electrical drives:
 - DC motor drives
 - AC motor drives
 - Multiphase drives

Guest Editor

Dr. Muhammad Ammirul Atiqi Mohd Zainuri

Department of Electrical, Electronic and Systems Engineering, Faculty of Engineering and Built Environment, Universiti Kebangsaan Malaysia, Selangor, Malaysia

Deadline for manuscript submissions

closed (20 November 2023)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/116563

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)