

Special Issue

Smart Grid Technologies and Energy Conversion Systems

Message from the Guest Editors

With the rapid development of the global economy and the growing demand for energy, traditional fossil fuels are becoming progressively depleted. Moreover, the energy crisis is gradually emerging. At the same time, the extensive use of fossil fuels has led to serious environmental pollution and climate change issues, posing a threat to the human living environment. As the power grid structure becomes more and more complex, the development of high dynamic new energy is rapidly advancing, with energy storage systems also rapidly developing. In addition, users' requirements for power supply reliability and power quality are continuously rising. Traditional power grids are no longer able to meet these needs.

Guest Editors

Dr. Qing Fu

Dr. Ling Yang

Dr. Fan Feng

Deadline for manuscript submissions

15 August 2025



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/227336

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

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





Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



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



About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di
Torino, 10129 Torino, Italy

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPlus /
SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) /
CiteScore - Q1 (Electrical and Electronic Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 16.8 days after
submission; acceptance to publication is undertaken in 2.4
days (median values for papers published in this journal in
the first half of 2025).