

Special Issue

Energy Storage Technologies

Message from the Guest Editor

In recent times, the renewable energy industry has reported significant growth in the use of energy storage for grid-connected and power electronics-based applications. Specifically, with great attention to energy storage, the need for its technologies to have a high confidence in operational performance in the above applications has been substantially increased.

Therefore, this Special Issues focuses on variable technologies of energy storage considered in grid-connected and power electronics-based applications.

The topics of interest include, but are not limited to:

- Rechargeable Batteries
- Supercapacitors
- Vanadium Redox Flow Batteries (VRFB)
- Lithium Sulfur (LiS) and Sodium Sulfur (NaS)
- Flywheels
- Compressed Air Energy Storage (CAES)

Welcome to contribute.

Guest Editor

Prof. Dr. Jonghoon Kim

Department of Electrical Engineering, Chungnam National University,
Daejeon, Korea

Deadline for manuscript submissions

closed (30 June 2022)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/44641

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

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





Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



[mdpi.com/journal/
electronics](http://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 guestedited 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), CAPIPlus / 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 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).

