

Special Issue

Hyperspectral Imaging: Technologies and Applications

Message from the Guest Editor

We welcome contributions that address challenges such as real-time data processing, miniaturization of hardware, efficient feature extraction, and the development of robust models for hyperspectral data interpretation. Submissions may include original research articles, review papers, and case studies that demonstrate the utility of hyperspectral imaging in solving complex real-world problems. Key topics of interest include, but are not limited to, the following:

- Novel hyperspectral imaging systems and hardware innovations;
- Data compression, enhancement, and denoising techniques;
- Applications of HSI in agriculture, environmental science, and healthcare;
- Machine learning and AI for hyperspectral data analysis;
- Remote sensing and Earth observation advancements;
- Real-time and embedded HSI processing systems.

Guest Editor

Dr. Krzysztof Wolk

Department of AI, Wolk AI, 05-850 Kręćzki, Poland

Deadline for manuscript submissions

15 December 2025



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/225995

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).