

Special Issue

Advanced High-Performance Analog Integrated Circuits

Message from the Guest Editor

This Special Issue aims to collect original research articles on recent advances in high-performance analog ICs. Submissions focused on novel analog circuit design strategies, electronic devices, manufacturing techniques, and analog applications are particularly welcome. The topics of interest for this Special Issue include the following:

- Analog integrated circuit design;
- Algorithms, methods, and tools for the modelling and simulation of analog integrated circuits and systems;
- Analog integrated circuit manufacturing;
- Process and device technologies;
- Fabrication of electronic device and system;
- Reliability of device, processes, integrated circuits;
- Integrated circuit intelligent manufacturing;
- Analog integrated circuit applications.

Guest Editor

Dr. Kai Xu

1. College of Integrated Circuits, Zhejiang University, Hangzhou 311200, China
2. ZJU-Hangzhou Global Scientific and Technological Innovation Center, Zhejiang University, Hangzhou 311215, China

Deadline for manuscript submissions

15 September 2025



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/213022

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).