

## Special Issue

# Microwave, Millimeter and Terahertz Wave Power Electronic Devices

### Message from the Guest Editors

In this issue, we are looking for research papers, short communications, and review articles focusing on the latest theories, technologies, and applications related to solid-state semiconductors and vacuum electronic devices. The operating frequency can cover microwave, millimeter-wave, and terahertz-wave bands. Therefore, we invite scientists and engineers to contribute original research articles to this Special Issue. The topics can include but not limited to, the following:

- Solid state power amplifiers (SSPA) and oscillators;
- Vacuum electronic devices (VED);
- Theory, modeling, fabrication, and measurement techniques for the power electronics;
- Microwave, millimeter, and terahertz wave components, circuits, systems, and their applications in antennas, beamforming, sensors, communications, radars, etc.

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### Guest Editors

Prof. Dr. Guo Liu

Dr. Yan Wang

Dr. Xianfeng Tang

Dr. Guoxiang Shu

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### Deadline for manuscript submissions

closed (31 January 2024)



## Electronics

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Impact Factor 2.6  
CiteScore 6.1



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## 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.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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

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### Author Benefits

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

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#### 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).