

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 included 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.

Guest Editors

Prof. Dr. Guo Liu

Dr. Yan Wang

Dr. Xianfeng Tang

Dr. Guoxiang Shu

Deadline for manuscript submissions

closed (31 January 2024)



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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 guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero

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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).