

Special Issue

Advances in THz Electronics

Message from the Guest Editors

THz electronics is a rapidly evolving field with significant potential to revolutionize various domains by enabling the scalable production of compact devices and systems for high-speed communication, advanced imaging, precise material characterization, and other applications. Submissions can focus on conceptual and applied research, including but not limited to the following topics:

- Integrated circuit technologies for the THz range;
- THz semiconductor devices;
- THz passive and active circuits;
- AI-enabled design and analysis techniques for THz devices/systems;
- Reconfigurable/tunable THz circuits;
- THz packaging techniques;
- Circuit-enabled THz metamaterials and metasurfaces;
- Novel 2D materials for THz electronics;
- THz vacuum electronics devices;
- Novel THz generation/detection based on electronic techniques;
- Emerging THz applications enabled by THz electronics.

Guest Editors

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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

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