

Special Issue

Recent Advances in Microwave Engineering: Design and Application

Message from the Guest Editors

Today, there is a growing demand for wireless systems, such as modern radar and 5G mobile communications. It drives the rapid development of microwave and electromagnetics, including theory, design, modeling, analysis, and measurement. This Special Issue explores the recent developments and advances in microwave engineering, including both design and application. The topics include, but are not limited to, the following technical areas:

- Microwave passive devices;
- Microwave active devices;
- Microwave integrated circuits;
- Antenna theory and design;
- Electromagnetic fields;
- Wireless channel modeling;
- Microwave systems;
- Microwave metamaterials;
- Microwave measurement;
- Radar/communication/biology applications.

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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.

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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).