

Special Issue

Terahertz Optics and Spectroscopy

Message from the Guest Editors

Terahertz science and technology has attracted extensive attention recently because of its promising application prospects in the industrial field, ranging from short-range wireless communication to nondestructive Evaluation. This Special Issue, 'Terahertz Optics and Spectroscopy', aims at highlighting advances and developments in terahertz spectroscopy and technology, with a particular focus on terahertz time-domain spectroscopy, terahertz imaging, AI-assisted super resolution imaging reconstructed algorithms, and practical applications. We cordially invite researchers, engineers, and practitioners to share innovative insights and present significant theoretical and experimental developments, as well as specific case studies in the field of terahertz imaging and spectroscopy. Research areas may include (but are not limited to) the following:

- THz imaging;
- THz time-domain spectroscopy;
- THz-related engineering application;
- Data processing for terahertz spectroscopy and imaging;
- Nondestructive evaluations;
- 6G wireless communication;
- Terahertz radiation sources and detectors.

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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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