sensors

Special Issue Reprint

Millimeter Wave and Terahertz Source, Sensing and Imaging

www.mdpi.com/books/reprint/10737

Edited by
Yubin Gong
Min Hu
Xuyuan Chen
Xuequan Chen

This Special Issue highlights the rapid advancements and ongoing challenges in the field of millimeter-wave and terahertz technologies, including sources, devices, systems, and applications. With increasing global interest, these technologies have evolved from lab-based experiments to industrial applications, including non-destructive inspection, security scanning, and medical diagnostics. The articles within this issue cover a wide range of novel developments, such as THz polarimetric and time-of-flight imaging, waveguides for vacuum electronic sources, advancements in gas sensing, and metasurfaces for ultrafast THz modulation. Collectively, these studies provide valuable insights into the future of THz wave applications, positioning this issue as an important resource for researchers and engineers working in the fields of sensing, imaging, and communication.

MDPI

Order Your Print Copy
You can order print copies at
www.mdpi.com/books/reprint/10737

MDPI\Books

Publishing Open Access Books & Series

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.

Open Access
Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.

Author Focus
Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.

High Quality & Rapid Publication
MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.

High Visibility
Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).

Print on Demand and Multiple Formats
MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.

Learn more ▶ mdpi.com/books