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Page 6/27

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Page 10/27

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Terahertz (THz) radiation, which is electromagnetic radiation in a frequency int- val from 0.3 to 10 THz (1 mm-30 ?m wavelength), is the next frontier in science and technology. This band occupies a large portion of the electromagnetic sp- trum between the infrared and microwave bands.

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Page 14/27

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research, new initiatives, and developments in advanced sensing and imaging technology with regard to the THz band remain unexplored compared to the relatively well-developed science and technology in ...

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Multifunctional photonic crystal cross waveguide for terahertz waves Ben Wu, Hui Zhang, Peng Guo, Qian Wang, and Shengjiang Chang J. Opt. Soc. Am. B 27 (3) 505-511 (2010)

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Introduction To T Hz Wave Photonics by Zhang, Xi Cheng / Xu, Jingzhou This book explores the science and technology related to terahertz wave technologies,

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