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Recent Advances in Terahertz, Mid-Infrared, and Near-Infrared Sensing

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Message from the Guest Editors

Dear Colleagues,

Recently, the development of laser sources and detection technologies at the terahertz, mid-, and near-infrared have greatly promoted sensing applications in these frequency bands. Novel light sources (represented by quantum cascade lasers and interband cascade lasers) and detection technology (such as laser feedback interferometry technology) have rapidly expanded the sensing applications in these fields. Some of the promising applications include biomedical sensing and imaging, trace gas spectrometry, industry monitoring, and security screening. This Special Issue encompasses a broad range of recent advances in terahertz, mid-, and near-infrared sensing technologies, including state-of-the-art technologies in sensing devices and systems. Both reviews and original research articles are very welcome. We look forward to your active participation in this Special Issue.

Dr. Xiaoqiong Qi

Dr. Cheng Wang

Guest Editors



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Special Issue



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Message from the Editor-in-Chief

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