

Special Issue

Biomedical Infrared Imaging: From Sensors to Applications

Message from the Guest Editors

Technological advancement of infrared sensors is particularly important for biomedical research. This Special Issue aims to create a sharing opportunity between experts on infrared sensors development and scientists that apply such technology within the biomedical field through software, experimental procedures, or novel applications. Different innovative detectors, sensitive to different ranges of the infrared spectrum (from near- to far- infrared; e.g., Silicon Photomultipliers, Bolometers, Quantum Well Detectors, etc.), and application that relies on such sensors, with emphasis on, but not only, wireless or portable technologies, are suitable topics. Original papers that describe new research or innovative biomedical application are welcome. We look forward to, and welcome, your participation in this Special Issue.

Keywords

- Infrared Detectors
- Semiconductor
- High Performance
- Medical Imaging
- Portable Technology
- Cutaneous Temperature
- Tissue Perfusion
- Image Analysis

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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