



sensors



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Sensors and Advanced Medical Imaging

Guest Editors:

Prof. Dr. Phillip H. Kuo

Prof. Dr. Bijan Najafi

Prof. Dr. Janet Meiling Roveda

Prof. Dr. David G. Armstrong

Deadline for manuscript
submissions:

closed (28 August 2023)

Message from the Guest Editors

Dear Colleagues,

Anatomy and physiology are the fundamentals of medicine. One of the earliest medical sensors, the stethoscope, is still an invaluable medical tool for examining the structure and function of the heart. The stethoscope is also an excellent tool for diagnosing disease. The electrocardiogram, a wearable sensor, provided novel insight into the electrical nervous system of the heart.

Advanced imaging in the form of ultrasound, computed tomography, magnetic resonance imaging, and nuclear medicine has revolutionized the ability to diagnose and monitor disease by not only providing detailed anatomical imaging but also physiologic information. More recently, molecular imaging has also become a more routine part of standard of care.

The next leap forward will require the synergistic combination of advanced sensor technology and imaging. This powerful combination will provide new insights into the structure and function of both health and disease.

For detailed information, please visit [here](#).

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Special Issue



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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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