

Special Issue

Advanced Sensing and Signal Processing Technologies for Medical Applications

Message from the Guest Editor

The rapid advancement of Internet of Things (IoT) technologies, signal processing, and data algorithms is revolutionizing the healthcare and medical landscape. This Special Issue invites researchers to contribute novel research, methodologies, and applications in advanced data and signal processing technologies for medical purposes. This Special Issue focuses on innovations that leverage IoT, virtual sensors, and cutting-edge data algorithms to enhance patient monitoring, improve diagnosis accuracy, and optimize healthcare delivery systems. The goal is to explore the intersection of technology and medicine, fostering interdisciplinary approaches that address emerging challenges and pave the way for smarter, more efficient healthcare solutions. Topics of interest include, but are not limited to, virtual sensing in medical applications, AI-driven diagnostic systems, real-time patient monitoring, and secure data transmission in IoT healthcare ecosystems. For more details, please visit [here](#).

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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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